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Title word cross-reference

–20 [HPAL10]. –80 [SG12]. 2 [HST+13]. N^{438A} [CGW+19]. $\mathbf{1}$ [BSD+18d]. $\mathbf{18}$ [LZZN10]. $\mathbf{4}$ [LZZN10]. α [LLZW14, TQW+14]. α_{s2} [SJDC+13]. β [CKTT10, CPB+15, CMR+16, HBH+19, JSAH+18, KBE+14, PLCC11, SCS+12, TQW+14, UN10, UKS+18, YSHG18]. γ [TQW+14]. μ [BVL+18, GVLE16]. \times [AZSSZZ13, BSK+10, DBS12, FCS+18, RHSM+18b, SSF+17, SL15, SRT+14, ZDWH18]. ε [RBL+11].

-1 [JSAH+18, YSHG18]. **-6-fluoro** [SRD+16]. **-D-glucans** [KBE+14]. **-G** [CGW+19]. **-glucan** [UKS+18]. **-haemoglobin** [UN10]. **-hydroxybutyrate** [SCS+12]. **-like** [BRB+12, ZGY+18]. **-proteobacteria** [CMR+16].

. [ATP+17, SPKS17, YFA+17].

1 [CKTT10, EDP+17, GVLE16, GCCLRP+13, KYK+12, KAST17, LASRA+19, MMNL14, NJK+17, SHKF16, UN10, VCS+19].

1-chloropiperidin-4-yl [SRD⁺¹⁶]. **12** [DJR⁺¹⁹, MMNL14]. **16S** [DPMK12, LWWS14, LGD⁺¹⁷, RB15]. **16S-RFLP** [LGD⁺¹⁷].

2 [AHJS⁺¹⁸, DKBS17, GM10, NSS⁺¹⁷, PMW⁺¹⁰, RAM⁺¹⁸]. **23S** [DPMK12]. **2L** [LCC⁺¹⁵].

3 [CWW⁺¹⁸, GMG⁺¹⁹, IFF⁺¹⁵, PFP⁺¹³]. **3-** [SRD⁺¹⁶]. **3-glucan** [YSHG18]. **3-year** [KZJ⁺¹⁷]. **3/1** [JSAH⁺¹⁸]. **35-year-old** [WGL17]. **36** [APG⁺¹¹, HO13].

5 [VSS17]. **5'-monophosphate** [VSS17]. **55L** [HLC⁺¹⁵]. **5p** [FBK⁺¹⁶].

6 [GCNB16]. **6-** [KBE⁺¹⁴]. **6-glucan** [JSAH⁺¹⁸]. **610** [RGD⁺¹²]. **64L** [CCLL16].

73 [YK12].

8 [LRD⁺¹⁹]. **89** [RSIP⁺¹⁷, RSPA⁺¹⁸].

90 [RSIP⁺¹⁷, RSPA⁺¹⁸, SHO⁺¹⁷]. **97L** [HLC⁺¹⁵].

A-I [LSC⁺¹⁴]. **A-layer** [GLK⁺¹⁶]. **A.** [CSA⁺¹⁵]. **A1** [ZWG⁺¹⁷]. **abalone** [JYZ⁺¹⁴]. **ABC** [OJRL10]. **ABC-transporter** [OJRL10]. **abdominal** [GHB⁺¹¹]. **abdominalis** [LYD⁺¹⁵]. **Abilgaard** [SAD⁺¹²]. **ability** [CD17, PST⁺¹⁶, SWM⁺¹⁵]. **abiotic** [SHV⁺¹⁶]. **abnormalities** [FPK⁺¹⁷, MPS⁺¹⁸]. **abrupt** [LTC17]. **abscessus** [PBW⁺¹⁸]. **absence** [GCS⁺¹⁸, JLJ16]. **abundance** [GBV⁺¹⁶, GVB^{+17a}, GAVC16, JMF⁺¹⁸, LDÁM14]. **Acanthopagrus** [Dig13, Dig15, LLDL13, Pol15]. **acarne** [RVB13]. **Accelerated** [AGB⁺¹⁹]. **accuracy** [LTG⁺¹⁸, LMG⁺¹⁹]. **accurate** [KPSP⁺¹⁹]. **achromogenes** [BBP18, SWM⁺¹⁵]. **Achyranthes** [CR12]. **Acid** [ASHZ⁺¹², ACYC10, AMRHM18, BCBS⁺¹³, DTF⁺¹⁶, GRT12, JKL⁺¹³, KSM⁺¹⁷, MMNL14, PSBG⁺¹¹, PCK⁺¹⁵, SOGR⁺¹⁹, SMFM12, TNK12]. **acid-specific** [ACYC10]. **acidification** [ASW16, CBM⁺¹⁷]. **acidovorans** [ARFG13]. **acids** [MLF⁺¹⁰]. **Acipenser** [LGK⁺¹⁴, MMD⁺¹², RHSM^{+18b}, RFA⁺¹⁴, SAD⁺¹²]. **Acipenserid** [DKBS17]. **acquisition** [BLF⁺¹⁶, BPMI⁺¹⁶, BAMYAH19]. **act** [PJL⁺¹²]. **Actinochlamydia** [SPV⁺¹⁸]. **Actinochlamydiaceae** [SPV⁺¹⁸]. **activation** [RCGGM15]. **active** [LBF⁺¹⁴]. **activities** [BSD^{+18a}, BA14, HDC18, YLX^{+19b}]. **activity** [BSSB18, BSD^{+18d}, BYAS⁺¹⁹, BLFC12, PMH⁺¹¹, PSBG⁺¹¹, RBH⁺¹⁷, SJDC⁺¹³, SLPB18, SBW11, TFG19, UN10, YSK13, ZWG⁺¹⁷]. **acts** [PBC15]. **aculeatus** [ASW16, PJZB19, WFH⁺¹⁸]. **Acute** [HCCM12, PRT⁺¹⁴, PÁD18, Bin14, BPK⁺¹⁷, CCLGRM⁺¹⁷, CZB⁺¹¹, DD18,

DJR⁺¹⁹, KAF⁺¹⁹, KTN⁺¹⁶, KYB⁺¹⁵, MKY⁺¹⁵, NPGA⁺¹⁹, TTL⁺¹⁶].
acute-phase [DJR⁺¹⁹]. **acutely** [PRSK10]. **acutus** [KJB11]. **Acyclovir** [TKS⁺¹⁸]. **adapt** [HGH⁺¹⁸]. **adaptation** [MLH⁺¹⁵]. **additional** [MJ17].
additives [AA10]. **adenocarcinoma** [RHSM^{+18a}]. **adenoma** [SBHC18].
adenosine [BSD^{+18a}, VSS17]. **adenosinergic** [BSD^{+18b}]. **adherence** [JSJR⁺¹⁹, PDLW17, VMBGIC19]. **Adhesion** [HRNW15, HGW⁺¹⁹, YZW⁺¹⁹]. **adipose** [ASSP⁺¹⁵, BHW⁺¹¹]. **adjuvant** [PVIM18]. **adjuvanted** [CLS⁺¹⁵]. **administered** [FHD13, GSS⁺¹⁰, HJN⁺¹⁹, TNK12]. **administration** [CMH⁺¹⁷, DPCdR14, ESV^{+19b}, FGJ⁺¹⁰, FHZ⁺¹⁶, LWJ⁺¹⁶, LXHL11, OKS⁺¹³, PPI⁺¹³, dOAPLá⁺¹⁷]. **adomavirus** [PWW19]. **adult** [BHT⁺¹⁷, BVT⁺¹⁸, FSV⁺¹⁴, HKD⁺¹⁰, JHM⁺¹⁸, KCD⁺¹⁴, MIO⁺¹⁸, PPE⁺¹⁸, RBAT⁺¹⁷, RAM⁺¹⁷, SSK17]. **adulterant** [PNBK13]. **aduncum** [MGH⁺¹⁴]. **Advice** [TJR⁺¹⁸]. **aeglefinus** [JHM⁺¹⁸]. **Aequidens** [YCNW18]. **aer** [FMA⁺¹⁹]. **Aerococcus** [CG11]. **aerocystitis** [CBH⁺¹⁵, dSRSHGá⁺¹⁹]. **aerolysin** [FMA⁺¹⁹, MBB12]. **aerolysin-like** [MBB12]. **aeromonads** [PAZ18]. **Aeromonas** [AA10, BSV⁺¹⁸, BSB⁺¹⁸, BKS⁺¹⁷, BKD17, BHF13, BLFRCQ10, BVK⁺¹⁶, BE19, BBP18, BGCKF12, CHH⁺¹⁴, CMSHS16, CLZ⁺¹², CD17, CYS17, ÇOÇ⁺¹⁶, CCMA⁺¹⁷, CTK⁺¹⁰, DBS12, DLCF13, DTJ⁺¹⁷, DSJA18, EDP⁺¹⁷, EDV⁺¹⁸, FCC⁺¹³, FMA⁺¹⁹, GDN⁺¹⁶, GLK⁺¹⁶, HKK^{+11a}, JAR⁺¹¹, JSAH⁺¹⁸, JSJR⁺¹⁹, KEY⁺¹⁵, KBJ⁺¹³, KBD13, LPA⁺¹⁰, LL12, LLZW14, LCZ⁺¹⁸, LGC⁺¹⁹, LCR⁺¹⁰, LHW^{+15b}, MSC⁺¹⁷, MLEM16, MP18, NB11, NLC⁺¹⁶, NDA10, OSAA18, PSCFB⁺¹⁸, PFJ⁺¹⁰, RKK⁺¹⁹, RVC18, RPM⁺¹⁹, SSHEM11, SWM⁺¹⁵, SSC17, SJSA⁺¹⁴, VSS17, VSDS^{+19a}, VDD⁺¹⁸, VC17, WMD⁺¹⁸, WYZ⁺¹⁹, YFA⁺¹⁷, YZW⁺¹⁹, YK12, ZCJ⁺¹⁸, ZWL⁺¹⁶].
aeruginosa [BSSB18, BSD^{+18c}]. **aestuarianus** [ZQB⁺¹¹]. **aetiological** [CCLGRM⁺¹⁷, QXW14]. **aetiology** [LGS⁺¹⁴]. **affect** [FCJH19, HHO14, JOF⁺¹⁹, SFR⁺¹⁷]. **affected** [ACN12, CSS⁺¹⁶, DPTFC10, HOHG13, JR19, OCLI⁺¹⁹, RHS⁺¹², SJT14].
affecting [JFVH19, RAM⁺¹⁸, RSF⁺¹⁷, SVM⁺¹⁸]. **aflatoxin** [BSD^{+18d}].
Africa [HGPD11, HOHG13, HWO⁺¹⁷, MCCN14]. **African** [BHA⁺¹¹, HOHG13, MWS17, OAO⁺¹², RSR⁺¹⁸, WTM14]. **after** [BHO⁺¹⁹, DPCdR14, ELI⁺¹⁷, FHZ⁺¹⁶, GFM⁺¹⁶, GMN12, HKBD15b, JMF⁺¹⁸, JSAH⁺¹⁸, MID^{+19b}, MID^{+19a}, NSE⁺¹⁷, TQW⁺¹⁴, TMC⁺¹², VCN⁺¹⁰, YYW⁺¹⁴]. **against** [ASHZ⁺¹², ANB⁺¹⁹, BBF⁺¹⁵, BYAS⁺¹⁹, BVK⁺¹⁶, BE19, Buc12, BLFC12, CCLGRM⁺¹⁷, CHH⁺¹⁴, CHV⁺¹², CCH⁺¹⁹, CGR17, CCLL16, CGW⁺¹⁹, CKTT10, CKvGJB17, ÇOÇ⁺¹⁶, CSCCA14, CSSWK10, DD18, DLP⁺¹³, ESA⁺¹⁰, EDV⁺¹⁸, ERÁpSB14, FLCC⁺¹⁴, FHD13, GCNB16, HDC18, HLL⁺¹², HCL⁺¹⁴, HJN⁺¹⁹, HLC⁺¹⁵, HBH⁺¹⁹, JST⁺¹⁹, JAR⁺¹¹, JOF⁺¹⁹, KSS⁺¹⁵, LPA⁺¹⁰, LKS⁺¹³, LRC⁺¹⁸, LXHL11, LHW⁺¹², LLL^{+18a}, MMS⁺¹⁶, MTK⁺¹⁰, MID^{+19b}, MA16, NPGA⁺¹⁹, NNC⁺¹⁸, OMB⁺¹⁹, PZL⁺¹⁴, PSBG⁺¹¹, RPMRLJ⁺¹⁹, RSGB⁺¹⁴, RBH⁺¹⁷, SHS14, SJDC⁺¹³,

SMR10, SGB⁺¹⁶, SLKE10, SSSP18, SNM⁺¹⁶, SWS⁺¹⁶, SRD⁺¹⁶, SRB12, TFG19, VDO^{+18b}, VDO^{+18a}, WBF⁺¹⁰, WCR⁺¹⁸, WM19, WHR⁺¹⁸, WSA⁺¹⁸, XZZ16, YLX^{+19b}, ZWG⁺¹⁸. **agalactiae** [DDBC⁺¹⁵, AAZS⁺¹⁵, AZSI⁺¹², AZSSZZ13, ATP⁺¹⁷, BSD^{+18b}, BMCM⁺¹⁵, BFFA⁺¹², BDB⁺¹⁸, CWL⁺¹⁷, CZL⁺¹⁹, DZC⁺¹⁶, HZX⁺¹³, ICVV16, LLH^{+14a}, LLH^{+14b}, LLX⁺¹⁹, LLL^{+18a}, MoSMS18, NYRS12, SFL⁺¹⁶, SPS⁺¹⁹, VMBGIC19, VJWC⁺¹⁸, XXL⁺¹⁹, ZKL⁺¹⁹]. **Agassiz** [RHSM^{+18a}]. **AGD** [ACN12, CHWM⁺¹⁹]. **Age** [JHW17]. **agent** [ACM⁺¹⁴, CCLGRM⁺¹⁷, CPP14, GTT⁺¹⁷, GCGR13, HWM⁺¹³, JFWH19, KEY⁺¹⁵, MFS⁺¹⁷, MSS^{+17a}, NLF11, RGD⁺¹³, SSF⁺¹⁷, SWD⁺¹⁴, TVK⁺¹⁹, WCR⁺¹⁸, WEPB⁺¹⁸, ZWG⁺¹⁷]. **agent-based** [GCGR13]. **agents** [HH13a, HBS⁺¹⁴, SSC17]. **agreement** [JWO⁺¹⁰]. **AHPND** [BPK⁺¹⁷, ITKH18]. **AIP1** [SRSF10]. **air** [LWMT10]. **Aires** [Lek12]. **akaara** [GHH⁺¹¹]. **al** [JCN⁺¹⁴, KRFT14]. **AL09** [YK12]. **AL09-73** [YK12]. **Alaska** [PPE⁺¹⁸]. **Albendazole** [ANB⁺¹⁹]. **albigutta** [DBHC17]. **Albufera** [BSC⁺¹⁴]. **AlgamuneTM** [YSHG18]. **Algeria** [KCD⁺¹⁴]. **alginolyticus** [CLWJ13, CLW⁺¹¹, HGX⁺¹⁹, LSC⁺¹⁴, PKLH19, YLX^{+19a}, YLS⁺¹⁹]. **alive** [CBM⁺¹⁸]. **Alix** [SRSF10]. **Alix/** [SRSF10]. **alleles** [LLZW14]. **allicin** [NDA10]. **allis** [WBE⁺¹⁷, WEPB⁺¹⁸]. **Allium** [MSCH14]. **alogynogenetic** [LJHG14, ZWLG10, ZYW⁺¹⁰]. **along** [FSM⁺¹⁶]. **Alosa** [WBE⁺¹⁷, WEPB⁺¹⁸]. **alpha** [LSA⁺¹⁵]. **alpha-2-macroglobulin** [LSA⁺¹⁵]. **alphavirus** [Ano10c, BTC⁺¹⁷, CGR17, GFW⁺¹⁰, GFM⁺¹¹, GFR⁺¹², GRF14, HFT⁺¹², HST⁺¹³, HJT⁺¹⁶, JTW⁺¹⁰, JJB15, MIO⁺¹⁸, RSP⁺¹⁷, RSM⁺¹⁸, SBH⁺¹⁶, SHV⁺¹⁶, TJB⁺¹⁵]. **alpinus** [SWM⁺¹⁵, WKK12]. **also** [GCM^{+18b}]. **alter** [PPF⁺¹²]. **alterations** [LvD18]. **altered** [SSK17]. **alternative** [CB13]. **alternifolia** [BSD^{+18c}, VGI⁺¹⁶]. **altivelis** [FNISE12, KSS⁺¹⁵, ZCC18, CONN10, FNISE12, KSS⁺¹⁵, ZCC18]. **Aluminium** [MGF17]. **alvei** [OSC⁺¹⁴]. **Amago** [IOO15]. **Amazon** [MdOO16, OMB⁺¹⁹, PdSG⁺¹², dSdAdS⁺¹⁹]. **amberjack** [MKH⁺¹¹, NMM⁺¹⁸, dSRSHGá⁺¹⁹]. **ambigua** [HBB14]. **Ameiurus** [BPF⁺¹⁸, PHR14]. **amended** [GDN⁺¹⁶]. **America** [EKT⁺¹¹]. **American** [CG11, DKBS17, GL18, KPKP10, KWD⁺¹⁶, LML12, SQC⁺¹⁴]. **American-HPR0** [GL18]. **americanus** [CG11, SQC⁺¹⁴]. **amine** [FHZ⁺¹⁶]. **Amino** [SOGR⁺¹⁹]. **ammonia** [FSO⁺¹⁰, SRB12]. **Ammonium** [RHS⁺¹², MoSMS18]. **amoeba** [DT16, LTC16, LTC17]. **amoebae** [FMM⁺¹⁹]. **Amoebic** [CONN10, TCC10a, ACN12, BPCS19, DYML⁺¹⁸, MLER⁺¹⁸, MCCN14, NBJ10, WNO⁺¹⁸]. **Amoebozoa** [CPP14]. **among** [ADR11, OEG⁺¹³, PPSW19, SMJ⁺¹², SCD19, SVY⁺¹⁴]. **amongst** [KBTMH⁺¹⁶]. **Amphiprion** [BRMG13, SBK⁺¹⁵]. **amplification** [HJOK11, HGG⁺¹¹, JYZ⁺¹⁴, KTN⁺¹⁶, LLWL15, MSI⁺¹⁵, OBR⁺¹⁴, WSX⁺¹⁸, YWW⁺¹⁹]. **ampullary** [CBC⁺¹³]. **Amyloid** [CBFM16, RTM⁺¹⁵]. **Amyloid-like** [CBFM16]. **Amyloidinium** [MSS^{+17b}, YB17]. **anadromous** [áKÁGA16]. **Anaemia** [CCCTA⁺¹⁴, LLLG18, ADF14, ADMF15, ATM⁺¹⁰, EYF⁺¹⁹, GL18, GCS⁺¹⁸, HWM⁺¹³, IOO15, MMWK19, MAC⁺¹⁵, MTHB13,

OBFR12, SG12, VDMJ⁺¹³, XQS⁺¹⁵]. **anal** [CAJD⁺¹⁸, FPK⁺¹⁷]. **analyses** [NRMS14, RHVG^{+19b}, STIG17, YEK⁺¹⁷]. **Analysing** [MLH⁺¹⁵]. **Analysis** [FCL⁺¹⁹, YMH⁺¹¹, ATM⁺¹⁰, ACAS14, ASB⁺¹², BC11, CIL⁺¹⁷, CGP⁺¹⁹, CMEV17a, CMS⁺¹⁷, CMEV17b, ECP⁺¹⁰, FGJ⁺¹⁰, FMA⁺¹⁹, GPL⁺¹², IBFL19, JCN⁺¹³, JCN⁺¹⁴, JKH⁺¹⁷, KKM⁺¹⁹, KRFT14, LGD⁺¹⁷, LCV⁺¹⁷, LMG⁺¹⁹, LITCAH19b, LKT⁺¹³, MFS⁺¹⁷, MBT⁺¹⁷, MMH10, NSE⁺¹⁷, NSC⁺¹⁸, NMM⁺¹⁸, PHvdH12, PKLH19, PSVK⁺¹⁸, PJU⁺¹³, RKK⁺¹⁹, SHKF16, SOA⁺¹⁸, TCFáS19, TDT⁺¹⁶, VC17, WMM⁺¹⁶, WMD⁺¹⁸, WZA10, XJL⁺¹⁹, YAHWU11, ZJR⁺¹⁸, ZCJ⁺¹⁸]. **analytical** [BHA⁺¹⁷]. **anatomy** [FPK⁺¹⁷, LGS⁺¹⁴]. **anchovy** [RGMGG⁺¹⁸]. **Ancyrocephalus** [BGRB14]. **and/or** [HKBD15a, HKBD15b]. **angasi** [BWP^{+19b}]. **AngHV** [KYK⁺¹², NJK⁺¹⁷]. **AngHV-1** [KYK⁺¹², NJK⁺¹⁷]. **angio** [ASW16]. **angio-architecture** [ASW16]. **angiolioma** [RhAS⁺¹⁵]. **anglerfish** [FYO⁺¹¹, LRAP17]. **Anguilla** [ARFG13, BSC⁺¹⁴, BMD⁺¹⁴, BND⁺¹⁷, BDM⁺¹⁸, CSA⁺¹⁵, DMB⁺¹⁶, EMA17, FDST16, GFM⁺¹⁶, KYK⁺¹², KPK⁺¹⁸, KLD⁺¹⁸, KAST17, LML12, MBD16, MFES18, MWS17, NJK⁺¹⁷, OMO⁺¹⁵, PWHW18b, SWE⁺¹⁹, WCW^{+16b}]. **anguillae** [MWS17, NJK⁺¹⁷]. **anguillarum** [ACLP⁺¹⁹, BVK⁺¹⁶, BFC⁺¹⁵, CCH⁺¹⁹, CKTT10, CDG⁺¹⁴, FMB⁺¹¹, HRL15, JQK14, RGD⁺¹², RRO⁺¹³, SCS⁺¹², TMC⁺¹², WM19, ZXW⁺¹²]. **anguillicaudatus** [ZWL⁺¹⁶]. **Anguillicola** [BMD⁺¹⁴, BND⁺¹⁷]. **Anguillicoloides** [FDST16, LML12, LFP^{+11a}, LFP^{+11b}]. **anguillid** [KYK⁺¹², vBVLR⁺¹⁶, MFES18, KAST17]. **anguilliseptica** [ARFG13]. **angulospora** [SBP⁺¹⁹]. **animal** [RAM⁺¹⁹]. **animals** [LTG⁺¹⁸, LTM⁺¹⁹, SAS⁺¹⁹, THW⁺¹²]. **anisakiasis** [KHS11]. **Anisakidae** [MGH⁺¹⁴, SDZN19]. **Anisakis** [MGH⁺¹⁴]. **anisitsi** [Lek12]. **annectens** [RSR⁺¹⁸]. **anomalies** [ACA⁺¹⁶, BC11, dALF⁺¹⁷]. **anomaly** [AAV⁺¹⁶]. **anterior** [PAM⁺¹⁹, PRSK10]. **Anthony** [Rob11]. **Anthropogenic** [KAST17, MMMD16]. **anti** [BSB⁺¹⁸, DJQ⁺¹², MDF⁺¹⁷, NPGA⁺¹⁹]. **anti-apoptotic** [DJQ⁺¹²]. **anti-inflammatory** [BSB⁺¹⁸, MDF⁺¹⁷]. **Anti-PirA-like** [NPGA⁺¹⁹]. **Antibacterial** [LWJ⁺¹⁶, LLL⁺¹², SHS14, ZZQ⁺¹⁹]. **Antibiotic** [CDW17, CYS17, CIL⁺¹⁷, FCL⁺¹⁹, HKB⁺¹⁶, NB11, RHBMM13, SK15, SFF⁺¹⁷, ZCJ⁺¹⁸, ZDWH18]. **antibiotic-resistant** [RHBMM13]. **antibiotics** [AAZS⁺¹⁵, LRS⁺¹⁷, SHS14]. **antibodies** [CLC⁺¹⁷, ERÁpSB14, HLC⁺¹⁵, LCR⁺¹⁰, ZWG⁺¹⁸]. **Antibody** [GSEM13, SSHEM11, Ano12c, BWZ⁺¹⁷, BRB⁺¹², CGR17, CCLL16, ELI⁺¹⁷, EDV⁺¹⁸, KSS⁺¹⁵, KJW⁺¹⁷, MF12, PSK⁺¹³, TCC10a]. **antibody-based** [PSK⁺¹³]. **Antibody-coated** [SSHEM11]. **Antifungal** [BAH⁺¹⁶]. **antigen** [CR12, DMD⁺¹⁷, HCL⁺¹⁴, MSC⁺¹⁷, SGB⁺¹⁶, TQW⁺¹⁴, ZXW⁺¹²]. **antigenic** [JKC⁺¹¹]. **Antigens** [MLEM16, áKÁGA16, KREM14, LMAKN16, RBAT⁺¹⁷]. **Antimicrobial** [BYAS⁺¹⁹, CMH⁺¹⁷, DBV⁺¹³, NSB⁺¹⁸, DMP10, PMK12, RHTC19b, SW11, UN10, ZN10]. **antioomycete** [ZN10]. **antioxidant** [BSD^{+18c}, BA14]. **antioxidative** [LMC⁺¹⁶]. **Antiparasitic** [UN10, HBS⁺¹⁴, MDF⁺¹⁷, ZN10].

antiparasitics [GOM⁺19]. **Antiviral** [HDC18, RBH⁺17, SJDC⁺13, SVL⁺17, YLX⁺19b]. **aorta** [DKG⁺17]. **Aphanomyces** [SMKBP17, VDHV⁺16, VDH19]. **Apicomplexa** [MdOO16, dSdAdS⁺19]. **aplasia** [FFP⁺14]. **apolipoprotein** [LSC⁺14]. **Apoptosis** [DRG⁺17, CXW⁺19, DJQ⁺12, RBL⁺11, WCL⁺19]. **apoptotic** [DJQ⁺12]. **Apostichopus** [LQL⁺10]. **apparatus** [YK12]. **applicability** [CPdPPP16]. **Application** [CDG⁺14, LRS⁺17, MMBS10, CLWJ13, CCCTA⁺14, dSCBdS⁺16, FSG⁺12, GHW⁺15, LML⁺13, MoSMS18, NMIIY14, PPK⁺13, SCK13, WCR⁺18, ZCC⁺15]. **Applications** [Spe19a]. **applied** [GOM⁺19, MSCH14]. **approach** [JMD⁺18, LRMN17, LHW⁺15b, OLVJ⁺13, WWE⁺13]. **approaches** [CRBLC⁺17, ZXW⁺12]. **apta** [YLX⁺19a, ZLN⁺17]. **apta-sorbent** [YLX⁺19a, ZLN⁺17]. **aptamer** [YGL⁺18, YLX⁺19a, ZLN⁺17]. **aptamer-based** [YLX⁺19a]. **aptamers** [HMP⁺12, YLS⁺19]. **aquaculture** [BTN⁺18, BMBS12, DVC⁺17, GJMH17, GDW⁺15, JJM⁺17, JSAB⁺19, KOS⁺10, MSBB⁺16, MBS⁺17, MSCH14, OT12, PSVK⁺18, QZZ⁺18b, RAM⁺18, SMR16, SBK⁺15, TJA⁺13, WCR⁺18, ZCQF15, Spe19a]. **Aquaflor(R)** [DBS12]. **AquaPathogen** [EKT⁺11]. **aquareovirus** [PWW19]. **aquaria** [SMJ⁺14]. **aquarium** [DSJA18, KJB11, KZJ⁺17, ONGQ⁺14, PBW⁺18, TIK⁺14a]. **aquarium-held** [KJB11]. **aquarium-maintained** [TIK⁺14a]. **aquatic** [EKT⁺11, EMA17, LRS⁺17, LTG⁺18, LTM⁺19, PJJL⁺12, THW⁺12]. **aqueous** [YLX⁺19b]. **AQUI** [CAS⁺18]. **AQUI-S(R)** [CAS⁺18]. **Arabian** [CIA⁺18]. **arabicum** [CIA⁺18]. **Arborescent** [OOO⁺11]. **archamoebae** [CPdPPP16]. **architecture** [ASW16]. **archived** [TVK⁺19]. **Arctic** [KOB⁺17, SWM⁺15, SVL⁺17, WKK12]. **area** [JR19, SMR16]. **areas** [DMK⁺19]. **arenaria** [MMD16]. **argenteus** [LJC⁺19]. **Argentina** [CCMA⁺17, TB12]. **argentine** [TB12]. **argus** [DIH⁺16, LL12]. **Argyrosomus** [EKS⁺13, TAQ⁺10]. **aromatic** [PVIM18]. **arowana** [KVC⁺16]. **array** [LFH⁺11]. **array-based** [LFH⁺11]. **artedi** [WKW⁺11]. **Artemia** [TNK12, WBF⁺10]. **arteries** [BOH⁺12, DRdS⁺10]. **Arteriosclerosis** [DKG⁺17]. **arteriosus** [DKG⁺17, YP17]. **arthromitus** [DPTFC10]. **Arthrospira** [RBH⁺17]. **artificially** [BLFRCQ10]. **arugamensis** [KCL14]. **AsaP1** [SWM⁺15]. **AsaP1-toxoid** [SWM⁺15]. **Ascanius** [BT14, RSP⁺17, RSM⁺18, TB12]. **ascidian** [KOS⁺10, PZL⁺14]. **ascidians** [KOS⁺10]. **Ascomycota** [ŘKH16]. **Asia** [DMK⁺19, SDM⁺19]. **Asian** [CCW⁺15, CCW⁺15, GKCC⁺12, KNN19]. **ASK** [BAMYAH19, CCCTA⁺14, SDR⁺15]. **asp** [MAOS⁺18]. **aspartate** [ZCJ⁺18]. **aspects** [GJVT⁺11, PBM13, PMP⁺18, SVY⁺14]. **aspera** [CR12]. **aspiration** [ALG15]. **Aspius** [MAOS⁺18]. **assay** [AS17, ASS19, BWZ⁺17, CDF⁺18, CCCTA⁺14, DPMK12, DSLR16, FSO⁺10, GM10, GDN⁺16, JKS⁺13, KBJ⁺13, LFH⁺11, LLWL15, LXX⁺17, MMBS10, MSI⁺15, NMM⁺18, SMF⁺10, SFL⁺16, YWW⁺19, YLX⁺19a, ZFZ⁺11, ZLN⁺17, vBVL⁺16]. **assays**

[CHAB10, DCL⁺¹⁷, EAM⁺¹³, GJK⁺¹¹, LPCC12, NMIIY14, SK15].
assembling [LRD⁺¹⁹]. **assembly** [FFLC17, KREM14, PLCC11]. **assess**
 [BFC⁺¹⁵, JKH⁺¹⁷, SMM⁺¹³]. **assessed** [GDN⁺¹⁶]. **Assessing**
 [GMC^{+16b}, YLL⁺¹⁸]. **Assessment** [DBS12, MBS^{+19a}, AAV⁺¹⁶, DCG18,
 MMH⁺¹⁸, NJK⁺¹⁷, PNBK13, RCD⁺¹⁷, SCF⁺¹³, SGB⁺¹⁶]. **assessments**
 [WWE⁺¹³]. **assignment** [LWWS14, LGD⁺¹⁷]. **assisted**
 [CMEV17a, CMEV17b]. **Asso** [EKS⁺¹³, TAQ⁺¹⁰, VPP⁺¹²]. **associated**
 [ACLP⁺¹⁹, AHB⁺¹⁷, BKG⁺¹⁸, BB11, BA13, BK12, BMA13, BVT⁺¹⁸,
 BVL⁺¹⁸, CBC⁺¹³, CDM⁺¹⁶, CKTT10, CSA⁺¹⁵, CG11, CMR⁺¹⁶, DSMC17,
 DML⁺¹⁶, DYML⁺¹⁸, DT16, FCL⁺¹⁹, GDW⁺¹⁵, HBB14, HSA17, HBB⁺¹⁵,
 HSHC⁺¹⁶, JYZ⁺¹⁴, KCD⁺¹⁴, KOB⁺¹⁷, KR⁺¹⁷, LGK⁺¹⁴, LFP^{+11a},
 LFP^{+11b}, LLZW14, LXL⁺¹⁸, LDEH17, LFL19, LLL⁺¹³, MLMR16,
 MLER⁺¹⁸, MRSC13, MSR⁺¹⁰, MKH⁺¹¹, MTL^{+18b}, MCO11, MMW⁺¹⁵,
 OAO⁺¹², ONGQ⁺¹⁴, ONA10, PAM⁺¹⁹, PCK⁺¹⁵, QXW14, RCGGM15,
 RKPG16, RSPA⁺¹⁸, RTM⁺¹⁵, STF⁺¹⁵, SBM⁺¹¹, SDZN19, SWE⁺¹⁹,
 SPV⁺¹⁸, SKGE13, SRT⁺¹⁴, TGJCH15, VJWC⁺¹⁸, VFB⁺¹², VME⁺¹⁹,
 WNL⁺¹², XQS⁺¹⁵, XLZ⁺¹⁷, YYF⁺¹⁰, ZZC⁺¹⁷, ZJDL18, ZSZF16,
 ZxYJ⁺¹⁹]. **Association**
 [CPB⁺¹⁵, MTG⁺¹⁰, CHF⁺¹², FCC⁺¹³, FFLC17, MCO11, SL15].
associations [KNN19]. **astaci** [SMKBP17, VDHV⁺¹⁶]. **Astacus** [OSC⁺¹⁴].
Astronotus [RHSM^{+18a}]. **asymmetric** [YGL⁺¹⁸]. **asymptomatic**
 [LJGRI⁺¹⁰, WIC⁺¹⁹]. **ater** [SDZN19]. **atherinoides**
 [HAP⁺¹⁰, LRB⁺¹⁷, MGN⁺¹⁶]. **atherinoidi** [LRB⁺¹⁷]. **atherosclerosis**
 [DBHC17]. **Atlantic**
 [JCN⁺¹⁴, VCS⁺¹⁹, ACN12, ACA⁺¹⁶, AAV⁺¹⁶, AFA⁺¹², ASSP⁺¹⁵, Ano10c,
 ACM⁺¹⁴, BSWS11, BRL⁺¹³, BHO⁺¹⁹, BSSH17, BOH⁺¹², BA13, BBP18,
 BMT⁺¹⁵, BTC⁺¹⁷, BHA⁺¹⁷, BNS13, BDD⁺¹⁸, BSBH10, CBLN13, CJB⁺¹⁵,
 CNN⁺¹⁰, CGR17, CHWM⁺¹⁹, CZB⁺¹¹, CRAG⁺¹², DTF⁺¹⁶, DKG⁺¹⁷,
 DLLB⁺¹⁸, DMB⁺¹⁹, DRG⁺¹⁷, DYML⁺¹⁸, ESBE18, ECP⁺¹⁰, EWRH13,
 ELI⁺¹⁷, EDV⁺¹⁸, ESV^{+19b}, FMM⁺¹⁹, FvdMF⁺¹⁸, FSM⁺¹⁶, FFP⁺¹⁴,
 FHFF15, FMH⁺¹⁵, FGR⁺¹², FSV⁺¹⁸, FSB^{+18c}, GL18, GFO⁺¹³, GFS⁺¹⁸,
 GMC^{+16a}, GVB^{+17b}, GIW⁺¹¹, GTT⁺¹⁷, GCM^{+18b}, GSS⁺¹⁰, GGH⁺¹⁰,
 GCMG⁺¹¹, GMC^{+16b}, GFW⁺¹⁰, GBSF12, GFR⁺¹², GRT12, GHB⁺¹¹,
 GCGR13, GGGM14, HHO14, HLHS11, HKD⁺¹⁰, HSA17, HST⁺¹³, IAR⁺¹⁰,
 JCN⁺¹³, JKO⁺¹³, JWO⁺¹⁰, JTW⁺¹⁰, JMF⁺¹⁸, JBO⁺¹⁵, JOF⁺¹⁹, JNS⁺¹⁹,
 JR19, JHGR13, JJSJ15, KOB⁺¹⁷, KAF⁺¹⁹, KHG⁺¹⁷, KSA⁺¹⁰, KRFT14,
 KBD13, KWD⁺¹⁶, LGK⁺¹⁴, LDÁM14]. **Atlantic**
 [LAN⁺¹⁴, LMG⁺¹⁹, LLLG18, LDA⁺¹⁹, LRAP17, MVM⁺¹⁸, MKI⁺¹⁵,
 MIO⁺¹⁸, MMWK19, MSMM19, MSG⁺¹⁸, MLMR16, MLER⁺¹⁸, MSBB⁺¹⁶,
 MLF⁺¹⁰, MMD16, MMD⁺¹², MRSC13, MAC⁺¹⁵, MID^{+19b}, MID^{+19a},
 MSR⁺¹⁰, MGH⁺¹⁴, MMH10, NCNB18, NB10, ONGQ⁺¹⁴, ONA10, PSZ⁺¹⁴,
 PdLC19, PBMB11, PHVM13, PPK⁺¹³, PPI⁺¹³, PG16, PÁD18, PJU⁺¹³,
 RB15, RGMGG⁺¹⁸, RMR14, RBR19, RRG⁺¹⁹, RSIP⁺¹⁷, RSPA⁺¹⁸,
 RBWR⁺¹⁵, SMR10, SMM⁺¹³, SFR⁺¹⁷, SAS⁺¹⁹, SFU⁺¹³, SG12, SQC⁺¹⁴,

SAD⁺¹², STES14, SWWN⁺¹⁶, SWS⁺¹⁶, SCZM19, SSA13, SSL18, SNK⁺¹⁹, TWNB⁺¹², TJB⁺¹⁵, TCC10a, TB12, TES11, TCM⁺¹⁹, UMMS17, USM17, UKS⁺¹⁸, VSDS^{+19a}, VDMJ⁺¹³, VMBGE17, WDM⁺¹⁵, WMM⁺¹⁶, WHR⁺¹⁸, WNL⁺¹², WNSAL12, WNAF⁺¹³, WNMK⁺¹⁶, WNAJ⁺¹⁶, WNGS⁺¹⁷, WOD16, WNO⁺¹⁸, YP17, ZCCN13, ZCC⁺¹⁵, ZNHC11a, ZNHC11b, ZCP12]. **atlanticus** [BCW⁺¹⁵]. **ATP** [PLCC11]. **atresia** [CZB⁺¹¹]. **attachment** [PMBM13, TGJCH15]. **Attempted** [GM11]. **Attenuated** [CSSWK10, CGW⁺¹⁹, GPL⁺¹², LLX⁺¹⁹, MBS^{+19a}, ZXW⁺¹²]. **attenuation** [MSG⁺¹⁸]. **attributes** [BFC⁺¹⁵]. **Atypical** [HKK^{+11a}, BVK⁺¹⁶, DKBS17, GLW⁺¹⁸, GGH⁺¹⁰, MLWC11, RVC18, VDD⁺¹⁸, YFA⁺¹⁷]. **audit** [EWRH13]. **aurata** [BC11, CVLJ⁺¹⁰, CVGR⁺¹³, CCME16, DdRTM13, DPCdR14, LGS⁺¹⁴, MSS^{+17b}, RHVG^{+19b}, TPD⁺¹⁹]. **auratus** [KKOY19, KJW⁺¹⁷, LJHG14, NSS⁺¹⁷, WXL16, ZWLG10, BBL⁺¹⁶, GAEK⁺¹⁴, LCR⁺¹⁰, RMAM12, WIC⁺¹⁹, YNL11, ZWLG10]. **aureamaculosa** [HSGD11]. **aureus** [OAO⁺¹², OGI⁺¹⁸, SL15]. **auriga** [LJGRI⁺¹⁰]. **Austin** [ABF15]. **Australia** [BFFA⁺¹², BDB⁺¹⁸, HSGD11, MSS^{+17a}, NB11, OLC11]. **Australian** [CSA⁺¹⁵, HO13, JFWH19, KMGK⁺¹⁸, MMG⁺¹¹, MCO11, NSC⁺¹⁵, RWTB17, SFF⁺¹⁷]. **australis** [CSA⁺¹⁵, Dig13, Dig15, Pol15]. **Austria** [LUP⁺¹⁸]. **autogenous** [FLC⁺¹⁷, RPMRLJ⁺¹⁹]. **Autophagy** [BCLM⁺¹⁹]. **Autophagy-related** [BCLM⁺¹⁹]. **Avenant** [DAO19]. **Avenant-Oldewage** [DAO19]. **Avermectins** [OMB⁺¹⁹]. **avidus** [LPC⁺¹⁸]. **avirulent** [FNISE12]. **avium** [JK12]. **axelrodi** [LLG⁺¹⁵, ŘKH17]. **axillary** [RVB13]. **ayu** [CONN10, FNISE12, KSS⁺¹⁵, ZCC18]. **Azumiobodo** [PZL⁺¹⁴].

B [JCN⁺¹⁴, BSD^{+18d}]. **B.** [OSAA18]. **Bacescu** [FŠK⁺¹⁹]. **Bacillus** [OSAA18]. **Back** [BWP^{+19a}, RHTC19a, PBBG19]. **bacteria** [DSSB18, EEMCEGSP16, PSBG⁺¹¹, RHBMM13, STIG17, THW⁺¹², TDLT⁺¹⁶, WZQ⁺¹⁶, YkSKY13, ZJDL18]. **Bacterial** [LST⁺¹², RGD⁺¹², SWH⁺¹⁴, BSSH17, BLFC12, BSBH10, CHV⁺¹², DSA⁺¹², DAB⁺¹², GCNB16, GPFAG19, GDW⁺¹⁵, JAR⁺¹¹, JSAH⁺¹⁸, KOB⁺¹⁷, LFH⁺¹¹, LFL19, MFS⁺¹⁷, MDC⁺¹⁸, NFA15, PBC15, PHW⁺¹⁶, QWTL17, RSH11, RHB⁺¹⁵, VCN⁺¹⁰, WMM17, ZZA⁺¹⁴]. **bacterially** [SSV⁺¹⁰, TMM⁺¹⁵]. **bacterin** [PVIM18, SLKE10, WGL17]. **Bacteriological** [MCSM17, AdOG⁺¹⁷, EAM⁺¹³]. **Bacteriophage** [SPCR⁺¹⁹, EDP⁺¹⁷, HY16, LLL^{+18a}]. **Bacteriophage-based** [SPCR⁺¹⁹]. **Bacteriovorax** [CHH⁺¹⁴]. **bacterium** [CSS⁺¹⁶, CHH⁺¹⁴, LDEH17, SPV⁺¹⁸]. **baculovirus** [RDN⁺¹²]. **Balantiocheilus** [RTM⁺¹⁵]. **ballan** [BT14, RSM⁺¹⁸, SRM⁺¹⁸, BVK⁺¹⁶, RSP⁺¹⁷]. **Baltic** [AHB⁺¹⁷, BMGS17, BK12, GJVT⁺¹¹, OBD10]. **Bangweulu** [HHC⁺¹⁸]. **barb** [SMD⁺¹²]. **barbel** [ZPM⁺¹⁸]. **Barbonymus** [ARR⁺¹⁸]. **Barbus** [ZPM⁺¹⁸]. **barcoo** [KRD⁺¹⁷, LLH^{+14b}, KRD⁺¹⁷, LLH^{+14b}]. **barfin** [KKK⁺¹⁸]. **barotrauma** [HBB14, HFKF17, PSK⁺¹²]. **barracuda**

[GMP⁺¹¹, GMP⁺¹¹]. **barramundi** [BO15, JHW17, TGJCH15]. **barrier** [BSSB18, JSAH⁺¹⁸]. **base** [MMNL14]. **based** [AS17, ÇOÇ⁺¹⁶, DPMK12, DIVC16, ELI⁺¹⁷, FSM⁺¹⁶, GCGR13, JKS⁺¹³, LFH⁺¹¹, MPBM⁺¹⁶, PSK⁺¹³, RB15, SPCR⁺¹⁹, TCF&S19, VLVS⁺¹⁶, YLX^{+19a}, ZWG⁺¹⁸, ZCJ⁺¹⁸, BMBS12, GCNB18]. **baseline** [GBV⁺¹⁶]. **Basilewsky** [TIK^{+14a}, TIK^{+14b}, TQW⁺¹⁴]. **Basin** [DAO19, SBW⁺¹⁸, FDL⁺¹⁷, MKKM15]. **Bass** [CGAS19, BCBS⁺¹³, BVG⁺¹⁰, CKTT10, DBS12, FPK⁺¹⁷, JFWH19, LMC⁺¹⁶, NOST⁺¹⁶, PBC15, PST⁺¹⁶, PBBG19, RGD⁺¹², SBW⁺¹⁸, SBM⁺¹¹, SDJH16, TMC⁺¹², TNK12, VTM⁺¹⁴, ZLX⁺¹⁹]. **batfish** [LZGZ16]. **bath** [BCT⁺¹⁷, FHD13, GVB^{+17b}, GVB^{+17a}, RHS⁺¹², SCR⁺¹⁵, SOA⁺¹⁸, TNK12]. **bath-challenged** [SOA⁺¹⁸]. **batrachus** [BNC⁺¹¹]. **Baumann** [SNM⁺¹⁶]. **Bay** [PBBG19, NRF⁺¹⁸, SKB10]. **Bayesian** [LMG⁺¹⁹]. **be** [DZV10, MBB12, PMH⁺¹¹]. **bean** [MTLP^{+18b}, CHF⁺¹², GM11]. **behaviour** [AHAMR⁺¹⁹, BDD⁺¹⁸, DLLB⁺¹⁸, FHZ⁺¹⁶, HGH⁺¹⁸, OWM⁺¹⁷, SSK17]. **Behavioural** [FSB18a]. **being** [PSZ⁺¹⁴]. **Belar** [DT16]. **bellied** [EDSL11, LYD⁺¹⁵]. **Bench** [EAM⁺¹³]. **Bench-top** [EAM⁺¹³]. **benefits** [GCGR13]. **Bengal** [PRWG17]. **benign** [VPCM19]. **Bennett** [WA14]. **benzisoxazole** [SRD⁺¹⁶]. **benzoate** [GSS⁺¹⁰, HLHS11, IPW⁺¹³, JHGR13, KWGS19, LML12, PPI⁺¹³, SMR10, SMM⁺¹³, Sam10, WWE⁺¹³]. **bergylta** [BVK⁺¹⁶, BT14, RSP⁺¹⁷, RSM⁺¹⁸, SRM⁺¹⁸]. **Bering** [WMF14]. **Bermuda** [BGC⁺¹⁷]. **best** [JMD⁺¹⁸, MMH⁺¹⁸]. **bestor** [RHSM^{+18b}]. **Beta** [SJSA⁺¹⁴, LSA⁺¹⁵, NYRS12]. **beta-2** [LSA⁺¹⁵]. **Beta-glucan** [SJSA⁺¹⁴]. **betanodavirus** [Bin14, CGG⁺¹⁰, DTM⁺¹⁰, HGB⁺¹¹, HLP⁺¹⁶, KTP⁺¹⁵, KKK⁺¹⁸, KKM⁺¹⁹, NOST⁺¹⁶, SODB16, SOGR⁺¹⁹, VTM⁺¹⁴, Wen16, WCL⁺¹², FCM⁺¹⁹, KCD⁺¹⁴, LNC⁺¹⁷, MPJ⁺¹⁵, PST⁺¹⁶, SOA⁺¹⁸, TDS⁺¹⁹]. **Betanodavirus-associated** [KCD⁺¹⁴]. **betanodaviruses** [BBC⁺¹⁰, BCL⁺¹⁹, VGP⁺¹⁸]. **Betta** [RhAS⁺¹⁵]. **between** [BLFRCQ10, FNISE12, JWO⁺¹⁰, JLJ16, KHG⁺¹⁷, LMC⁺¹⁶, LZZN10, LLS⁺¹¹, MSC⁺¹⁷, MMH10, OLT⁺¹⁰, SL15, VC17, WKK12]. **bias** [CXK16, MLH⁺¹⁵]. **bidyana** [FHD13]. **Bidyanus** [FHD13]. **bigeye** [HHM⁺¹⁴]. **binding** [vGJHS⁺¹¹, YHY⁺¹⁶, ZGY⁺¹⁸, WCL⁺¹⁹]. **bioassay** [HH13b, HBS⁺¹⁴]. **bioassays** [HH13a, MMH⁺¹⁸, SMM⁺¹³]. **Biochemical** [SSV⁺¹⁷, DPTCF10, TAC15]. **biochemistry** [BHA⁺¹⁷, LWMT10]. **Biocontrol** [GPFAG19, CHH⁺¹⁴]. **bioenergetics** [BSV⁺¹⁸]. **biofilm** [ASS19, CD17, DSSB18, DSSB19, LFD⁺¹⁷, LITCAH19b, SW11]. **biofilm-forming** [CD17]. **Biography** [HR15, PBW14]. **Biological** [LQL⁺¹⁰, MSS^{+17a}, SDI⁺¹⁸]. **biologically** [RHB⁺¹⁵]. **biology** [LYKN18, Spe19a]. **bioluminescence** [BKD17]. **biomarker** [BMT⁺¹⁵, FBK⁺¹⁶]. **biomarkers** [BMGS17]. **biomass** [MMG⁺¹¹]. **biomolecular** [GMB⁺¹⁷]. **biophysical** [SCF⁺¹³]. **biopolymer** [BYAS⁺¹⁹]. **biopsy** [CMS⁺¹⁹, TMWV14]. **biosecurity** [NSC⁺¹⁵, TJR⁺¹⁸]. **biotype**

[FLVA10, SON⁺¹⁸]. **biphasic** [MLWC11]. **bivalve** [ACYC10, VGP⁺¹⁸]. **Bivalvulida** [LJHG14, LRB⁺¹⁷]. **Bizerte** [YB17]. **BKD** [BSSH17]. **black** [BCT⁺¹⁷, BPF⁺¹⁸, DCMM13, DBM⁺¹⁴, GPWF19, HKK^{+11a}, LLDL13, PSK⁺¹³, PSK⁺¹², SHW⁺¹¹, SHS14, SRSF10, SHAM14, SMS⁺¹⁹, XWP⁺¹⁸, ZxYJ⁺¹⁹]. **blackeye** [HSGD11]. **blacktip** [PC17]. **bladder** [BMD⁺¹⁴, BCG⁺¹⁷, RKH18]. **Bleeker** [BRMG13, BCJ13, DCV⁺¹⁴, LYD⁺¹⁵, LLDL13, RTM⁺¹⁵, WZL⁺¹¹]. **Bloch** [BFFA⁺¹², BO15, CLWJ13, CBH⁺¹⁵, CCM⁺¹¹, DDBC⁺¹⁵, GKCC⁺¹², GHW⁺¹⁵, HSGD11, HHM⁺¹⁴, JHW17, LJHG14, LLL⁺¹³, TGJCH15, WXL16, YLW⁺¹⁴, ZWLG10]. **blochii** [AZSI⁺¹², CWL⁺¹⁷, WKW13]. **Blood** [BSSB18, CMS⁺¹⁹, Lek12, AI11, DPTCF10, WXL16, YSV⁺¹³]. **blood-free** [YSV⁺¹³]. **blooded** [SAS⁺¹⁹]. **bloom** [KPM⁺¹¹]. **blotched** [CDM⁺¹⁶]. **blotting** [LCR⁺¹⁰]. **blue** [BRL⁺¹³, FSM⁺¹⁶, HBH⁺¹⁹, KEY⁺¹⁵, RGMGG⁺¹⁸, XKBC12]. **bluefin** [CZB⁺¹¹, PSZ⁺¹⁴]. **Bluegill** [LEM⁺¹⁹, BMA13, DWL⁺¹⁷, LDEH17, LFL19, LEM⁺¹⁹]. **Body** [PPK⁺¹³, LL11, LGS⁺¹⁴, SSL18]. **Bonamia** [BLSG⁺¹⁶, BWP^{+19b}]. **bonasus** [BB11, VPCM19]. **bone** [ARL⁺¹⁷]. **Bonnaterre** [JK12]. **bonnethead** [CBC⁺¹³, MCWL13]. **Book** [Rob10]. **Boone** [CMEV17a, CMS⁺¹⁷, CMEV17b, CLW⁺¹³, H MV⁺¹⁷, HXZ⁺¹⁶, SSV⁺¹⁷, STG⁺¹⁰, SNM⁺¹⁶, TMM⁺¹⁵, TDLT⁺¹⁶, TDT⁺¹⁶]. **border** [NSC⁺¹⁵]. **botanically** [OWM⁺¹⁷]. **both** [CGW⁺¹⁹, CBM⁺¹⁸]. **Boulenger** [SHAM14]. **bovis** [LRC⁺¹⁸]. **Boxhall** [HBS⁺¹⁴]. **Boxshall** [GAVC16, MSMM19, MGM⁺¹⁸]. **Brachydanio** [Bin14]. **brachypomus** [FCS⁺¹⁸]. **brachyurus** [RBF14]. **brackish** [NOV⁺¹¹]. **brain** [BSSB18, CLL⁺¹⁰, OKS⁺¹³, SON⁺¹⁸, WWZ⁺¹⁸, WZW⁺¹⁸, WKW13, Wen16, XJL⁺¹⁹, YCNW18]. **branchial** [BSD^{+18b}]. **branchialis** [BSWS11]. **Branchinella** [SHW⁺¹¹]. **Branchiomonas** [WNGS⁺¹⁷]. **Branchiomycosis** [PdSG⁺¹²]. **branchiophilum** [GDW⁺¹⁵]. **Brandt** [RFA⁺¹⁴]. **Bravo** [GAVC16, HBS⁺¹⁴, MSMM19, MGM⁺¹⁸]. **Brazil** [CMSHS16, CdAPdC⁺¹⁹, FCS⁺¹⁸, MdOO16]. **Brazilian** [ARL⁺¹⁷, CLS⁺¹⁵, FLC⁺¹⁷, MDC⁺¹⁸, PdSG⁺¹², SPKS17]. **breakdown** [BSSB18]. **bream** [ACSB⁺¹⁹, BC11, DJQ⁺¹², DdRTM13, DPCdR14, Dig13, Dig15, JKH⁺¹⁷, JJV⁺¹⁵, JLJ16, KPT⁺¹¹, KHC⁺¹⁸, KLW10, LGS⁺¹⁴, MSS^{+17b}, Pol15, RHVG^{+19b}, TPD⁺¹⁹]. **bred** [ADR11, XLZ⁺¹⁷]. **Breeding** [VST⁺¹⁹, SSO⁺¹⁴]. **brevifilum** [SFBW⁺¹⁷]. **brevirostris** [JMhk18]. **brevirostrum** [LGK⁺¹⁴]. **brill** [LPVGL⁺¹⁰]. **British** [BPPKJ10, BHT⁺¹⁷, MMB⁺¹⁵, SMR10, SMM⁺¹³, TVK⁺¹⁹]. **broadly** [KWD⁺¹⁶]. **Bromodeoxyuridine** [EPCSBP18]. **bronze** [RBF14]. **brood** [ZZQ⁺¹⁹]. **broodfish** [WNSAL12]. **broodstock** [LMG⁺¹⁹, LPCC12, MMH10, RDN⁺¹², SBP⁺¹⁹]. **brook** [DGS⁺¹⁴]. **Broth** [YVM⁺¹⁴, GCW17]. **brown** [AGFG19, BSPS⁺¹⁸, KHG⁺¹⁷, KFK⁺¹⁶, LSC⁺¹⁴, LSA⁺¹⁵, OSC⁺¹⁴, PGF⁺¹⁹, PHR14, SVV⁺¹⁷, Wen16, YB17]. **brown-marbled** [LSC⁺¹⁴, LSA⁺¹⁵, Wen16]. **Brunswick**

[BSSH17, EWRH13, GVB⁺17b]. **bryosalmonae**
 [BSPS⁺18, BPPKJ10, JZK⁺14, KAEMSEM13, LUP⁺18, MJ17, Mor12].
bubble [RPJ⁺18]. **Buchanan** [Bin14, CXK16]. **Buenos** [Lek12]. **bulbus**
 [DKG⁺17, YP17]. **Bulgaria** [OSC⁺14]. **bullhead** [BPF⁺18, PHR14].
burbot [PFJ⁺10]. **Burchell**
 [DAO19, HGPD11, HOHG13, LvD18, OOO⁺11, OAO⁺12, SRT⁺14, TMWV14].
burdens [GVB⁺17b]. **Burm.f** [HDC18]. **burst** [CHAB10, UKS⁺18].
butterfly [BCJ13]. **buttnerae** [OMB⁺19]. **bv** [ZWL⁺16]. **by-products**
 [LKS⁺13, MMNL14].

C [JCN⁺14, OTN⁺12, OKS⁺13, GMN12, HPAL10, Sam10, SG12]. **C.**
 [ZWL10]. **C6** [GCNB16, APG⁺11, HO13]. **C6-6** [GCNB16]. **C6/**
 [APG⁺11, HO13]. **Ca** [WNGS⁺17, AFTEML19]. **Ca/** [AFTEML19].
cactaceae [BAH⁺16]. **cage** [AZSI⁺12, GBV⁺16, LHW⁺15a, SPS⁺17,
 SZZSFN⁺14, TWYC15, XQS⁺15, ZxYJ⁺19]. **cage-cultured**
 [AZSI⁺12, SZZSFN⁺14, ZxYJ⁺19]. **cage-farmed** [SPS⁺17]. **cage-level**
 [GBV⁺16]. **cage-reared** [LHW⁺15a, XQS⁺15]. **cainii** [ABF15]. **calcarifer**
 [BO15, GKCC⁺12, JHW17, KNN19, SDM⁺19, TGJCH15]. **California**
 [CGAS19, GCCLRP⁺13, KHS11]. **californiensis** [VCLW16]. **Caligidae**
 [FSB18a, KJB11, NLC⁺16]. **Caligus**
 [BNS13, FVAVMGE18, GAVC16, GOM⁺19, HLHS11, HBS⁺14, MSMM19,
 MGM⁺18, STIG17, VMBGE17, YAHWU11]. **Callinectes** [FSM⁺16].
campbellii [NDA⁺19, WBF⁺10]. **Can** [BMK17, DZV10, LPA⁺10]. **Canada**
 [BSSH17, BPPKJ10, EWRH13, FSV⁺18, FSB⁺18c, GL18, GVB⁺17b,
 KHLL16, LGK⁺14, LLLG18, LDA⁺19, MMB⁺15, MMD16, NRF⁺18,
 SMM⁺13, SCD19, SGQ⁺15, SQC⁺14, TVK⁺19]. **Canadian** [VC17].
canadum [CLL⁺10, HCL⁺14, HSHC⁺16, PSS17, SPS⁺17, TWYC15].
Cancer [SWH⁺14]. **candidate** [LMC⁺16, SCK13]. **candidates**
 [ABF15, BLFC12, JKC⁺11]. **Candidatus** [DPTFC10, MSR⁺10, SPV⁺18].
Cantor [LL12]. **CAP18** [CMH⁺17]. **capensis** [MVWS13]. **Capillariidae**
 [MWRSK17]. **capillata** [PÅD18]. **Capsalidae** [HSHC⁺16, TGJCH15].
capsid [CGG⁺10, FMT⁺14, SCK13, SOGR⁺19]. **capsomers** [LRD⁺19].
Capsular [ZKL⁺19]. **capsulated** [CLT⁺14]. **captive** [ADR11, BDB⁺18,
 CHF⁺12, HSGD11, JK12, LYD⁺15, MCWL13, RTM⁺15, SBM⁺11].
captive-bred [ADR11]. **captive-raised** [SBM⁺11]. **captivity**
 [HFKF17, MS16, RBWR⁺15]. **capture** [WNL⁺12]. **capturing** [OLVJ⁺13].
carapo [VMCM14]. **Carassius** [BBL⁺16, FCC⁺13, FSC⁺16, GAEK⁺14,
 KKOY19, KJW⁺17, LJHG14, LCR⁺10, LLL⁺13, NSS⁺17, RMAM12,
 WXL16, WIC⁺19, YNL11, YLW⁺14, ZWL10]. **Carcharhinus**
 [PC17, RBF14]. **Carcharias** [LL11, HKF⁺16, RBF14]. **Carcharodon**
 [HKF⁺16, RBF14]. **carcinoma** [SHAM14, TIK⁺14b, VPCM19]. **cardiac**
 [GRT12, YLW⁺14]. **cardinal** [LLG⁺15, RKH17]. **Cardiomyopathy**
 [GFS⁺18, RMR14, SNK⁺19, WNL⁺12]. **cardiorespiratory** [PG16].
Caribbean [PRWG17, SBK⁺13]. **Carp**

[ABVS18, MBS⁺¹⁷, ARR⁺¹⁸, ATJS⁺¹⁸, AI11, BSK⁺¹⁰, BMK17, CLC⁺¹⁷, CR12, CCT⁺¹¹, EBM⁺¹⁸, FBS13, FSV⁺¹⁴, GSEM13, GSBEM15, GFS⁺¹⁴, GCWB11, JDRM17, JAR⁺¹¹, JSAH⁺¹⁸, KKOY19, KJW⁺¹⁷, KPM⁺¹¹, LWJ⁺¹⁶, LLL⁺¹², LLZW14, LJHG14, LXHL11, LLL⁺¹³, MPBM⁺¹⁶, MSB⁺¹⁹, MSS^{+17a}, MGN⁺¹⁶, MTA⁺¹⁵, MTAB15, OSAA18, OCLI⁺¹⁹, PTM⁺¹⁹, PFP⁺¹³, SGB⁺¹⁶, SBD11, SKN⁺¹⁶, SEM18, SRB12, SJSA⁺¹⁴, TIK^{+14b}, VCN⁺¹⁰, WXL16, WCR⁺¹⁸, XWP⁺¹⁸, YFA⁺¹⁷, YLW⁺¹⁴, YkSKY13, YYW⁺¹⁴, ZWG⁺¹⁸, ZWLG10, ZYW⁺¹⁰]. **carpet** [CIA⁺¹⁸, DABO⁺¹⁷]. **carpio** [AI11, BLFRCQ10, BDM⁺¹⁸, CLC⁺¹⁷, CR12, CCT⁺¹¹, CLHGK17, FSV⁺¹⁴, GJM⁺¹⁵, GSEM13, HDC18, JDRM17, JAR⁺¹¹, JSAH⁺¹⁸, KPM⁺¹¹, LWJ⁺¹⁶, LLZW14, MBS⁺¹⁷, MSS^{+17a}, MTA⁺¹⁵, MTAB15, OSAA18, OCLI⁺¹⁹, PFP⁺¹³, RHZA⁺¹⁶, SBD11, SRB12, SJSA⁺¹⁴, VCN⁺¹⁰, WPH⁺¹³, WZW⁺¹⁸, YFA⁺¹⁷]. **Carrier** [FLCC⁺¹⁴, PFJ⁺¹⁰, SBH⁺¹⁶]. **Cartilage** [YP17]. **Caryophyllidea** [SBD11]. **Case** [BSSH17, CLHGK17, LGK⁺¹⁴, AHJS⁺¹⁸, ALG15, ATP⁺¹⁶, ARFG13, BMK17, BO15, CIA⁺¹⁸, DBHC17, DML⁺¹⁶, FKB⁺¹⁴, JDRM17, JR19, LL12, MNF⁺¹⁵, OLVJ⁺¹³, OOO⁺¹¹, TIK^{+14a}]. **casein** [PMH⁺¹¹, SJDC⁺¹³]. **cases** [DSJA18]. **caspase** [LBF⁺¹⁴, RCGGM15]. **caspase-1** [RCGGM15]. **caspase-3-positive** [LBF⁺¹⁴]. **cataract** [ALG15, SFR⁺¹⁷]. **cataracts** [JHRW17]. **Catarina** [CdAPdC⁺¹⁹]. **catchment** [DIH⁺¹⁶, HHC⁺¹⁸]. **catecholamine** [DSSB19]. **catfish** [BNC⁺¹¹, BSV⁺¹⁸, BSSB18, BSD^{+18b}, BSD^{+18a}, BSD^{+18d}, BAD⁺¹², BBF⁺¹⁵, BPF⁺¹⁸, CCMA⁺¹⁷, CTK⁺¹⁰, DD15, DAO19, EAN⁺¹⁸, HGPD11, HOHG13, KMGK⁺¹⁸, LTC⁺¹⁴, LLWL15, MP18, MAOS⁺¹⁸, OOO⁺¹¹, OAO⁺¹², PRWG17, PRSK10, PMK12, RKPG16, SMV⁺¹⁴, SLPB18, SZZSFN⁺¹⁴, SMFM12, SRT⁺¹⁴, TMWV14, VST⁺¹⁹, XKBC12, YSK13, YK13]. **Catostomus** [MGN⁺¹⁶]. **caudal** [ASW16, PWHW18b]. **caught** [CNN⁺¹⁰, HFKF17, MIO⁺¹⁸, RBWR⁺¹⁵, RSM⁺¹⁸, SDZN19]. **causal** [ACM⁺¹⁴, SSF⁺¹⁷]. **causative** [CPP14, KEY⁺¹⁵, MFS⁺¹⁷, RGD⁺¹³, WEPB⁺¹⁸, ZWG⁺¹⁷]. **cause** [HB12, LCZ⁺¹⁸]. **caused** [APP⁺¹⁷, AHTCA⁺¹⁷, CONN10, DDBC⁺¹⁵, DTJ⁺¹⁷, EEMCEGSP16, GVC⁺¹⁹, KAF⁺¹⁹, LLH^{+14a}, MKY⁺¹⁵, MGM⁺¹⁶, MAOS⁺¹⁸, MCCN14, NBJ10, NDA10, PHVM13, ŔKH18, RSP⁺¹⁷, RRG⁺¹⁹, TSK⁺¹⁹, ZZA⁺¹⁴, dSdAdS⁺¹⁹]. **causes** [LDÁM14, PZL⁺¹⁴, QZZ^{+18b}, SSK17]. **causing** [BMMC⁺¹⁵, BPF⁺¹⁸, DD18, KYB⁺¹⁵, LPC⁺¹⁸, PRY⁺¹⁸, QWTL17, SPP⁺¹⁸, TOK⁺¹⁶, WZQ⁺¹⁶, ZWL⁺¹⁶]. **caution** [KZJ⁺¹⁷]. **Cavernous** [SMD⁺¹²]. **caviae** [BSB⁺¹⁸, BSV⁺¹⁸]. **CD3** [RBL⁺¹¹]. **cefotaxime** [GTGCM19]. **cel** [XXL⁺¹⁹]. **cel-EIIB** [XXL⁺¹⁹]. **Cell** [DLP⁺¹³, AI11, AGB⁺¹⁹, APG⁺¹¹, BNC⁺¹¹, BAMYAH19, BKG⁺¹⁸, CHWM⁺¹⁹, CLL⁺¹⁰, CD17, CGCAH12, DMD⁺¹⁷, EYF⁺¹⁹, GHH⁺¹¹, GM10, GSBEM15, GBSF12, GHW⁺¹⁵, HGW⁺¹⁹, HO13, HCW⁺¹⁶, IFF⁺¹⁵, JMF⁺¹⁸, JJS⁺¹², KLW10, LJC⁺¹⁹, LSC⁺¹⁴, MVM⁺¹⁸, MB17, MTHB13, NMV⁺¹⁹, NSE⁺¹⁷, NYRS12, PWHW18b, PWW19, PMW⁺¹⁰, PPF⁺¹², RPMRLJ⁺¹⁹,

RBL⁺¹¹, SVL⁺¹⁷, SHAM14, SSG⁺¹⁹, SDR⁺¹⁵, TQW⁺¹⁴, TDT⁺¹⁶, VBL⁺¹⁵, VBL⁺¹⁶, VKK⁺¹⁹, WBF⁺¹⁰, WWS⁺¹¹, WWZ⁺¹⁸, WZW⁺¹⁸, WCL⁺¹⁹, WKW13, Wen16, WCW^{+16b}, WBD^{+10b}, XWP⁺¹⁸, YNL11, YCNW18]. **cell-free** [MB17]. **cell-infecting** [WCW^{+16b}]. **cells** [AHPR⁺¹⁶, AJLC⁺¹⁶, BCLM⁺¹⁹, BGD⁺¹⁷, BDM⁺¹⁸, CCCTA⁺¹⁴, CXW⁺¹⁹, DPC⁺¹⁰, DPADO16, GIW⁺¹¹, GCM^{+18b}, IFF⁺¹⁵, LDÁM14, Lek12, LASRA⁺¹⁹, LBF⁺¹⁴, OMO⁺¹⁵, PMH⁺¹¹, PSR⁺¹¹, PPK⁺¹³, RSB13, RCGGM15, SHKF16, SJT14, WXL16, WBD^{+10b}, XJL⁺¹⁹]. **cells-infecting** [OMO⁺¹⁵]. **Cellular** [ASA10, CRS⁺¹³, YHY⁺¹⁶]. **Celtic** [RBWR⁺¹⁵]. **central** [SMJ⁺¹⁴, GFB⁺¹³]. **centres** [PSZ⁺¹⁴]. **centrifugation** [DLCC⁺¹³, MTHB13]. **centroura** [CBFM16]. **Cephalotheca** [ŘKH16]. **cephalus** [MVWS13]. **Cerastoderma** [RAVC18]. **Ceratomyxa** [HB12]. **cerebralis** [FCJH19, MKKM15]. **cernuus** [MGM⁺¹⁶]. **Cestoda** [BB11, BCJ13, SBD11]. **cestode** [WFH⁺¹⁸]. **ceti** [CLS⁺¹⁵, GMC^{+16b}, MHN18]. **CEV** [MSB⁺¹⁹, RAM⁺¹⁸]. **cf** [MdOO16]. **chain** [BHT⁺¹⁷, LSA⁺¹⁵, NYRS12, TSS18, THW⁺¹², YEK⁺¹⁷]. **chalcogramma** [WMF14]. **Challenge** [BVK⁺¹⁶, CCLGRM⁺¹⁷, CAJD⁺¹⁸, CRS⁺¹³, CTK⁺¹⁰, GMC^{+16b}, GFM⁺¹¹, GBSF12, JAR⁺¹¹, JSAH⁺¹⁸, KBTMH⁺¹⁶, MRN⁺¹⁹, MAC⁺¹⁵, MID^{+19b}, MID^{+19a}, NSE⁺¹⁷, PYSS19, SGB⁺¹⁶, SPCR⁺¹⁹, SSC17, TTL⁺¹⁶, ZWL⁺¹⁴]. **challenged** [LF16, NNCLGC⁺¹¹, RCGGM15, RSIP⁺¹⁷, RSPA⁺¹⁸, SOA⁺¹⁸, SCS⁺¹², TSS18, ZJR⁺¹⁸]. **Change** [OKS⁺¹³, TTL⁺¹⁶]. **Changes** [CHWM⁺¹⁹, DCZ⁺¹⁷, GTGCM19, VCN⁺¹⁰, YK13, ACLP⁺¹⁹, BCBS⁺¹³, BHO⁺¹⁹, CSA⁺¹⁵, DTF⁺¹⁶, DPTCF10, DAO19, FvdMF⁺¹⁸, GFM⁺¹⁶, JKL⁺¹³, LDÁM14, LF16, MAOS⁺¹⁸, PAM⁺¹⁹, PCK⁺¹⁵, SSV⁺¹⁷, SOGR⁺¹⁹, TQW⁺¹⁴]. **changing** [JR19]. **Channa** [CLZ⁺¹², DIH⁺¹⁶, LGC⁺¹⁹]. **channel** [BBF⁺¹⁵, LLWL15, MP18, PRSK10, PMK12, RKPG16, SZSFN⁺¹⁴, SMFM12, YSK13, YK13]. **Chanodichthys** [TIK^{+14b}]. **chaperone** [MFHHG18]. **chaperones** [RAS⁺¹⁰]. **Chapin** [STF⁺¹⁵]. **char** [SWM⁺¹⁵]. **Characidae** [Lek12]. **characteristics** [CD17, HKK^{+11b}, LQL⁺¹⁰, MB17, OLVJ⁺¹³, TWYC15, WZA10]. **Characterization** [ACM⁺¹⁴, CMSHS16, CD17, CCME16, CLS⁺¹⁵, EDP⁺¹⁷, GLW⁺¹⁸, HBVB16, KYB⁺¹⁵, LLL^{+18a}, PFJ⁺¹⁰, PRY⁺¹⁸, RB15, VKK⁺¹⁹, Wen16, WNLF⁺¹², YCNW18, BNC⁺¹¹, BPF⁺¹⁸, BCL⁺¹⁹, BCM⁺¹⁷, BDM⁺¹⁸, CLZ⁺¹², CCLL16, CLL⁺¹⁰, DTF⁺¹⁶, DLCF13, DPADO16, DLPR15, DKBS17, DMK⁺¹⁹, ERÁpSB14, FDL⁺¹⁷, FMA⁺¹⁹, GJM⁺¹⁵, GBO⁺¹⁸, GHH⁺¹¹, GFS⁺¹⁴, GGGM14, HJT⁺¹⁶, HY16, HLC⁺¹⁵, HHX⁺¹⁵, HCW⁺¹⁶, IGLG⁺¹⁷, KTP⁺¹⁵, KLW10, LJC⁺¹⁹, LCC⁺¹⁵, LRB⁺¹⁷, MFHHG18, NYRS12, NSC⁺¹⁵, OLVJ⁺¹³, OFA11, OGI⁺¹⁸, PWHW18b, PKPG15, PSBG⁺¹¹, PAZ18, PLC^{+19b}, RGMGG⁺¹⁸, RVC18, SRSF10, SDWA18, SDZN19, SPS⁺¹⁷, SMV⁺¹⁴, SMS⁺¹⁹, SSO⁺¹⁴, SMC⁺¹¹, TPD⁺¹⁹, VMBGIC19, VGP⁺¹⁸, WWS⁺¹¹, WWZ⁺¹⁸, WZW⁺¹⁸, WCL⁺¹⁹, YNL11, YK12, YMH⁺¹¹, YLS⁺¹⁹, ZQB⁺¹¹, ZB12, ZWG⁺¹⁷]. **characterize** [BWM⁺¹³, TAC15]. **characterized** [GTT⁺¹⁷]. **charr** [SVL⁺¹⁷, WKK12].

Chasmistes [JMhk18]. **che** [FMA⁺19]. **chelonae** [CBW19]. **Chemical** [OBD10, SHS14]. **chemicals** [TFG19]. **Chemotactic** [YSK13]. **chemotherapeutants** [MMH⁺18]. **Chen** [SS17]. **Cherax** [ABF15]. **Chesapeake** [SKB10]. **Chile** [AAUHW15, BNS13, CRAG⁺12, GGH⁺10, HBS⁺14, MSMM19, PBMB11, VDMJ⁺13, YAHWU11]. **Chilean** [AHTCA⁺17, CIL⁺17, CCCTA⁺14, FCL⁺19, HBB⁺15, HKB⁺16, IGLG⁺17, ISCF⁺19, LCV⁺17]. **Chilean-farmed** [AHTCA⁺17]. **chilensis** [IGLG⁺17]. **Chilodonella** [GJMH17]. **chilodonellosis** [BO15]. **Chilodonellidae** [GJMH17]. **Chiloscyllium** [CIA⁺18]. **Chimaera** [DRdS⁺10]. **chimeric** [EBM⁺18]. **China** [LZGZ16, LHW⁺15a, LXL⁺18, CWW⁺18, HHX⁺15, LYL⁺18, LQY11, LL12, LLH⁺14b, LJHG14, LXX⁺17, WZL⁺11, XLZ⁺17, YLSW14, ZYW⁺10, ZSZF16, ZLX⁺19, ZCC18, ZDWH18]. **chinensis** [WLX⁺10]. **Chinese** [DML⁺16, DCZ⁺17, DCL⁺17, FGJ⁺10, SCS⁺12, WLX⁺10, YMH⁺11, ZB12]. **Chinook** [BHT⁺17, BMH⁺19, DWP⁺19, DPD⁺18, GMC⁺16a, GBO⁺18, GTH11, LST⁺12, LF16, LF18, LWMT10, MPS⁺18, PMPG⁺16, STF⁺15]. **chitosan** [BYAS⁺19, LLDL13, RSGB⁺14]. **Chlamydiales** [SPV⁺18]. **chloramine** [BA14]. **chloramine-T** [BA14]. **chloride** [CHWM⁺19, MMD⁺12, MGF17, RHS⁺12]. **chloride-induced** [MGF17]. **chlorine** [DD18, MWRSK17]. **chloropiperidin** [SRD⁺16]. **Cholangioma** [vD14]. **cholerae** [ZC⁺17]. **cholinergic** [BSD⁺18b]. **chondracanthid** [ABC⁺10]. **Chondracanthus** [ABC⁺10]. **Chondrichthyes** [DRdS⁺10]. **chorion** [SWS⁺16]. **chromatography** [KKT⁺18b, KKT⁺18a]. **chromogenes** [LHW⁺12]. **chromogenic** [CPEH15]. **Chronic** [KPT⁺11, LLH⁺14a, MKY⁺15, SJJ14]. **Chryseobacterium** [IAR⁺10, PSVK⁺18]. **chrysops** [DBS12]. **chuatsi** [TIK⁺14a, TQW⁺14]. **chum** [DPADO16, KBE⁺14, MUM⁺19]. **cichlid** [LFSZ18, RHST⁺16, RhMM⁺15, RhMV⁺15]. **cichlids** [dASLS⁺19]. **ciliate** [AJLK⁺18, vGJKR⁺17, YYW⁺14]. **ciliates** [GJMH17]. **Ciliophora** [SPP⁺18]. **circle** [ABM⁺15]. **citrus** [LKS⁺13]. **CJ** [ZWL⁺14]. **clam** [ACYC10, DABO⁺17, FBVC16, MMD16, PDdC⁺14, RPJ⁺18]. **clams** [MMMD16]. **Clarias** [BNC⁺11, DAO19, HGPD11, HOHG13, LvD18, OOO⁺11, OAO⁺12, SRT⁺14, TMWV14]. **clarithromycin** [CDW17]. **clarkii** [AMAR18, DXX⁺15, JPG⁺19, MKKM15, WXWD15]. **class** [ATM⁺10, CPB⁺15, LMG⁺19, LLZW14, NB11, RBM⁺16]. **classes** [AH16]. **claudin** [SJSJA⁺14]. **Clavochlamydia** [MSR⁺10]. **clay** [BBF⁺15]. **Cleaner** [Spe19a, Spe19b, BW18, GCGR13, GDN⁺16, WDM⁺15]. **cleansing** [Lek12]. **clearance** [CR12]. **Cleidodiscus** [BCT⁺17]. **Clinacanthus** [HDC18]. **Clinical** [BHW⁺11, HBB14, JJB15, RMR14, SHW⁺11, SMS⁺10, BSSH17, BHA⁺17, BSBH10, CPdPP16, CRAG⁺12, HWM⁺13, KTP⁺15, QXW14, RHZA⁺16, RHST⁺16, RHSM⁺18b, TSS18, CGP⁺19]. **clinically** [SG12, TWNB⁺12]. **Clinostomum** [FŠK⁺19]. **clioquinol** [LPC⁺18]. **clipping** [ASSP⁺15]. **Clonal** [MFS⁺17, CHB⁺17, TALA11]. **clonality** [RDW18]. **clone** [BMMC⁺15]. **Cloning**

[CLWJ13, JKH⁺¹⁷, NMIY14, HCW⁺¹⁶, NRMS14, NSE⁺¹⁷, SHKF16]. **close** [LDEH17]. **closure** [ASSP⁺¹⁵]. **clownfish** [BRMG13, SBK⁺¹⁵]. **clpV** [LXZ⁺¹⁹]. **club** [PPF⁺¹²]. **Clupea** [GJVT⁺¹¹, GGW⁺¹¹, HLL⁺¹², HCEH16, MMBS10]. **clusters** [BKG⁺¹⁸]. **Cnidaria** [MJ17, RKPG16]. **Cnideria** [PÁD18]. **Co** [ASHZ⁺¹², ATP⁺¹⁶, ARFG13, MBOC19, VDMJ⁺¹³, DYML⁺¹⁸, LGJ19, WNAJ⁺¹⁶]. **Co-Infection** [ARFG13, ATP⁺¹⁶, MBOC19, VDMJ⁺¹³, LGJ19]. **co-infections** [DYML⁺¹⁸, WNAJ⁺¹⁶]. **coast** [BMGS17, EEMCEGSP16, FSM⁺¹⁶, GMP⁺¹¹, JKO⁺¹³, LGK⁺¹⁴, MDC⁺¹⁸, RDN⁺¹², SDJH16]. **coastal** [CNN⁺¹⁰, HGH⁺¹⁶, RSF⁺¹⁷]. **coat** [ZLN⁺¹⁷]. **coated** [MTK⁺¹⁰, SSHEM11]. **cobia** [CLL⁺¹⁰, HCL⁺¹⁴, HSHC⁺¹⁶, PSS17, SPS⁺¹⁷, TWYC15]. **Cobitis** [FŠK⁺¹⁹]. **cocaine** [GFM⁺¹⁶]. **cocci** [BHA⁺¹¹]. **coccidiosis** [LFL19, dSdAdS⁺¹⁹]. **cockle** [DIVC16]. **cockle-based** [DIVC16]. **cockles** [DIVC16, RAVC18]. **cocktail** [SPCR⁺¹⁹]. **cod** [BSWS11, BMGS17, BK12, FvdMF⁺¹⁸, GIW⁺¹¹, GGGM14, HLHS11, HKD⁺¹⁰, HFKF17, MVM⁺¹⁸, MBB12, OBD10, PG16, RBWR⁺¹⁵, Sam10, SJT14, ZCP12]. **Codon** [SCK13, MLH⁺¹⁵]. **Codon-optimized** [SCK13]. **coexistence** [LVADB17]. **cogygria** [BE19]. **cognate** [ZWY⁺¹¹]. **cohabitant** [MID^{+19a}]. **cohabitation** [BWS⁺¹⁸, GFM⁺¹¹, MID^{+19b}]. **cohabited** [Tre12]. **Coho** [AHTCA⁺¹⁷, VMBGE17]. **coinfection** [ATP⁺¹⁷, MP18]. **coinfections** [PTM⁺¹⁹]. **coioides** [FHZ⁺¹⁶, NNC⁺¹⁸, WCL⁺¹²]. **Cold** [KSS17, CHV⁺¹², SAS⁺¹⁹, VBL⁺¹⁶]. **cold-blooded** [SAS⁺¹⁹]. **Cold-water** [KSS17]. **coldwater** [GCNB16, MBS^{+19a}, RHB⁺¹⁵]. **coli** [SNM⁺¹⁶]. **collected** [BOH⁺¹², BA13, BMGS17, DBV⁺¹³, GOM⁺¹⁹, MJ17, PPSW19, SMJ⁺¹⁴, WWE⁺¹³]. **collecting** [LST⁺¹², MWRSK17]. **collection** [ZCCN13]. **colloidal** [LXX⁺¹⁷]. **Colombia** [BMMC⁺¹⁵]. **colonization** [BK12, SFL⁺¹⁶]. **colonized** [RHBMM13]. **colonizing** [LF18, SWWN⁺¹⁶]. **Colorimetric** [ASS19]. **Colossoma** [ANB⁺¹⁹, FCS⁺¹⁸, OMB⁺¹⁹, PdSG⁺¹², VDO^{+18b}, VDO^{+18a}]. **Columbia** [BPPKJ10, MMB⁺¹⁵, SMM⁺¹³, TVK⁺¹⁹, BHT⁺¹⁷, SMR10]. **column** [JHM⁺¹⁸, MLF⁺¹⁰]. **columnare** [BBF⁺¹⁵, BLF⁺¹⁶, BMA13, DBS12, DBV⁺¹³, DLPR15, DSLR16, FDL⁺¹⁷, GLW⁺¹⁸, GCW17, LWWS14, LGD⁺¹⁷, LGS19, LFD⁺¹⁷, LZZN10, LLL⁺¹², OFA11, SL15, SLPB18, TQW⁺¹⁴, WSA⁺¹⁸]. **columnaris** [MA16]. **columns** [OM10]. **combination** [QZZ^{+18b}]. **combinations** [HCL⁺¹⁴]. **Combinatorial** [PPI⁺¹³]. **Combined** [MDF⁺¹⁷, AGB⁺¹⁹, TCFáS19, WSX⁺¹⁸]. **comes** [BSW17]. **Comment** [KRFT14, JCN⁺¹⁴]. **Comments** [Pol15, FYO⁺¹¹, MWS17, Dig15]. **commercial** [ABF15, CdAPdC⁺¹⁹, MSBB⁺¹⁶, TFG19]. **commercially** [LXX⁺¹⁷, WGL17]. **commersonii** [MGN⁺¹⁶]. **Common** [SBH⁺¹⁶, ABVS18, BWS⁺¹⁸, CLC⁺¹⁷, CR12, GSEM13, JST⁺¹⁹, JAR⁺¹¹, LWJ⁺¹⁶, LLZW14, LJGRI⁺¹⁰, MBS⁺¹⁷, OSAA18, OCLI⁺¹⁹, PTM⁺¹⁹, PFP⁺¹³, SGB⁺¹⁶, SGQ⁺¹⁵, SEM18, SSK17, SRB12, SJSA⁺¹⁴, THW⁺¹²,

VCN⁺¹⁰, VDD⁺¹⁸, YFA⁺¹⁷]. **community** [JSAB⁺¹⁹]. **companion** [RBR19]. **Comparative** [BBP18, BFC⁺¹⁵, FDST16, GPL⁺¹², IBFL19, LWZ⁺¹⁸, MID^{+19b}, MNG⁺¹⁸, OEG⁺¹³, RCD⁺¹⁷, RSIP⁺¹⁷, VTM⁺¹⁴, WZA10, XJL⁺¹⁹, XKB12, YEK⁺¹⁷, ABT⁺¹⁴, BSPS⁺¹⁸, DPTFC10, FLVA10, GFM⁺¹¹, MID^{+19a}, SOA⁺¹⁸, SMS⁺¹⁸, KPT⁺¹¹]. **comparing** [CMH⁺¹⁷, EWRH13]. **Comparison** [GRG⁺¹⁶, HOHG13, RSPA⁺¹⁸, TAC15, BLF⁺¹⁶, DZC⁺¹⁶, EAM⁺¹³, LLLG18]. **Competition** [YHY⁺¹⁶]. **complanatum** [FŠK⁺¹⁹]. **Complementary** [TQW⁺¹⁴]. **Complete** [CGG⁺¹⁰, KKM⁺¹⁹, YMH⁺¹¹, ZxYJ⁺¹⁹]. **complex** [CPB⁺¹⁵, KDP⁺¹⁷, TALA11, PdLC19]. **Complex-related** [PdLC19]. **complexes** [LC17, LRD⁺¹⁹]. **component** [NDA10]. **components** [ASA10, BLF⁺¹⁶]. **composition** [IBFL19, JBO⁺¹⁵, KFK⁺¹⁶, LDÁM14, LWZ⁺¹⁸]. **compositions** [DTF⁺¹⁶]. **compounds** [AHH16, AH16, MoSMS18, PPI⁺¹³]. **Comprehensive** [HKB⁺¹⁶]. **compression** [LGS⁺¹⁴]. **computed** [LTC⁺¹⁴]. **computer** [CMEV17a, CMEV17b]. **computer-assisted** [CMEV17a, CMEV17b]. **concentration** [GFM⁺¹⁶, HH13a, MSC⁺¹⁷, OM10, YVM⁺¹⁴]. **concentrations** [FCJH19, GTGCM19, HHO14, HGH⁺¹⁸, RHB⁺¹⁵]. **Concurrence** [ACA⁺¹⁶]. **concurrent** [LGK⁺¹⁴]. **condition** [PBM⁺¹⁵, SSJ⁺¹⁹, SSL18]. **conditions** [CDG⁺¹⁴, HBS⁺¹⁴, HKG⁺¹⁵, KCL14, MGM⁺¹⁸, TAQ⁺¹⁰]. **conducting** [WWE⁺¹³]. **confinement** [PBC15]. **confirm** [KF10a]. **confirmation** [CHB⁺¹⁷, GPWF19]. **confirmed** [JDRM17]. **confirms** [KDA⁺¹⁸]. **confocal** [BCM⁺¹⁷, CGCAH12]. **conger** [IGLG⁺¹⁷]. **Congo** [HHC⁺¹⁸]. **conjoined** [ADR11, BQP12, LTC⁺¹⁴]. **conjugated** [RSGB⁺¹⁴]. **connection** [MTG⁺¹⁰]. **consensus** [TAC15]. **consequence** [AFTEML19]. **consequences** [LGS⁺¹⁴]. **conserved** [YEK⁺¹⁷]. **consideration** [SSL18]. **Constance** [BGRB14]. **constant** [TQW⁺¹⁴]. **constitutes** [SPTDEE⁺¹⁵]. **Construction** [EAN⁺¹⁸, SWM⁺¹⁵, YK12, ZWL⁺¹⁴]. **contact** [SVY⁺¹⁴]. **containing** [SNM⁺¹⁶]. **contaminated** [BSD^{+18d}, WBD^{+10b}]. **content** [BCBS⁺¹³]. **continuous** [MVM⁺¹⁸, PWHW18b, SDR⁺¹⁵, VKK⁺¹⁹, YCNW18]. **Contraecaecum** [DMB⁺¹⁶]. **contractile** [LTC16]. **contribute** [FBS13]. **contributes** [YZW⁺¹⁹]. **control** [ASA10, BNS13, DBS12, FLC⁺¹⁷, GVB^{+17b}, HLHS11, JR19, MSS^{+17a}, NFA15, SKGE13, TDJ⁺¹⁰, VGI⁺¹⁶]. **Controlled** [SPLV⁺¹⁵, KBTMH⁺¹⁶, MMBS10, NRMS14]. **controlling** [BAH⁺¹⁶, GCGR13, HGG⁺¹¹, MSMM19, SMFM12]. **controls** [BMBS12]. **coordinated** [JR19]. **Copaifera** [VDO^{+18b}]. **Cope** [JMHK18, LRB⁺¹⁷]. **copepod** [ABC⁺¹⁰, SAD⁺¹²]. **Copepoda** [FSB18a, BSWS11, KJB11, MAOS⁺¹⁸, PMBM13]. **copepodid** [BRL⁺¹³]. **copepodid-density** [BRL⁺¹³]. **copepodids** [BRL⁺¹³, DLLB⁺¹⁸, FSB18a]. **copper** [DBS12, FCJH19]. **core** [TMWV14]. **Coregonus** [SMS⁺¹⁸, WKW⁺¹¹]. **corkwing** [SRM⁺¹⁸]. **Coronary** [DTF⁺¹⁶, BOH⁺¹², DRdS⁺¹⁰]. **correction** [GM11]. **correlate** [PdLC19].

correlated [HZP⁺12]. **correlates** [Dal18, NN11]. **correlation** [FPK⁺17, JSJR⁺19, LLS⁺11, LWMT10, MSC⁺17]. **corresponds** [GGW⁺11]. **Corrigendum** [Ano12a, Ano12b, Ano17a, Ano17b]. **cosmetic** [VME⁺19]. **costae** [KCD⁺14]. **Cotinus** [BE19]. **count** [GBV⁺16, GVB⁺17a, Gis18]. **counts** [EWRH13]. **County** [MNM⁺19]. **coupled** [YGL⁺18]. **course** [RBM⁺16]. **Cover** [ESV⁺19a, FSB18b, GGMG18a, GCM⁺18a, LITCAH19a, LLL⁺18b, MTLP⁺18a, PWHW18a, PLC⁺19a, QZZ⁺18a, VSDS⁺19b, BWP⁺19a, MBS⁺19b, RHTC19a, RHVG⁺19a]. **cownose** [BB11, VPCM19]. **cowtail** [SDZN19]. **CpG** [PFC⁺13]. **Cpn60** [CG11]. **crab** [DML⁺16, DCZ⁺17, DCL⁺17, FGJ⁺10, FSM⁺16, LQY11, MRR⁺14, RNM⁺12, SCS⁺12, ZB12]. **crabs** [SWH⁺14]. **crappie** [GPWF19, SMS⁺19]. **crappies** [BCT⁺17]. **Crassostrea** [CBM⁺18, GVLE16, GCCLRP⁺13, HPY⁺13]. **crassus** [BMD⁺14, BND⁺17, FDST16, LML12, LFP⁺11a, LFP⁺11b]. **Crayfish** [KPKP10, AMAR18, DXX⁺15, JPG⁺19, OSC⁺14, SMKBP17, VDHV⁺16, VDH19]. **crimson** [CLWJ13]. **critical** [WBD10a]. **croaker** [HZJ⁺19, XQS⁺15, ZZA⁺14, ZWG⁺17]. **croakers** [MPM16]. **crocea** [HZJ⁺19, XQS⁺15, ZZA⁺14, ZWG⁺17]. **Cross** [AAUHW15, GRF14, JLJ16, MBS⁺19a]. **Cross-neutralization** [GRF14]. **cross-protection** [JLJ16, MBS⁺19a]. **Cross-sectional** [AAUHW15]. **crossback** [KVC⁺16]. **crossbreeds** [PFP⁺13]. **crowding** [Bin14]. **Crp** [VSS17]. **crucian** [BSK⁺10, KKOY19, KJW⁺17, WXL16]. **crumenophthalmus** [HHM⁺14]. **Crustacea** [BSWS11]. **crustaceans** [LXX⁺17]. **cryotherapy** [BCW⁺15]. **Cryptocaryon** [LMAKN16]. **cryptocaryonosis** [LMAKN16]. **CT** [BWM⁺13]. **Ctenochaetus** [WA14]. **Ctenolabrus** [BT14]. **Ctenopharyngodon** [GCWB11, LLL⁺12, YYW⁺14]. **Ctenopharyngon** [LXHL11]. **cucumber** [LQL⁺10]. **cues** [FSB18a]. **cultivable** [STIG17]. **cultivated** [VFB⁺12]. **cultivation** [APG⁺11, KAEM13, KSAB⁺14, Sla14]. **cultivation-independent** [Sla14]. **culture** [ABF15, AGB⁺19, AdOG⁺17, EAM⁺13, GM10, GBSF12, GDN⁺16, HO13, JJS⁺12, LLX⁺19, MB17, MLWC11, Mor12, ONA10, SMS⁺10, STS⁺15, YSV⁺13]. **culture-associated** [ONA10]. **cultured** [AOAH13, AAZS⁺15, AZSI⁺12, ACLP⁺19, BMMC⁺15, BAD⁺12, CVLJ⁺10, CVGR⁺13, CWW⁺18, CCT⁺11, CLW⁺13, CSA⁺15, CWL⁺17, CPP14, CCM⁺11, CCMA⁺17, DMP10, EKS⁺13, HHX⁺15, KPT⁺11, KPK⁺18, KLD⁺18, LGK⁺14, LFSZ18, LYL⁺18, LL12, LPVGL⁺10, LLL⁺13, MLRS⁺17, ME12, MKMY10, PAZ18, PLC⁺19b, QWTL17, RHSM⁺18b, SMD⁺12, SPKS17, SDJH16, SSJ⁺19, SZZSFN⁺14, SKPS16, TWYC15, WZL⁺11, WZQ⁺16, XJL⁺15, YYF⁺10, ZQB⁺11, ZxYJ⁺19, dALF⁺17]. **cultures** [CHB⁺17, PDdC⁺14]. **culturing** [KDP⁺17]. **cuneata** [LPVGL⁺10]. **curcumin** [MDF⁺17]. **Current** [GJMH17, LRMN17, MYWC18, WBD⁺10b, GFS⁺18, JJM⁺17, KSS17, TALA11, MMH⁺18, ZGY⁺18]. **curtus** [HLHS11]. **Cururu** [MdOO16]. **curve** [TCFáS19]. **cut** [SEK⁺16]. **cut-off** [SEK⁺16]. **Cutaneous** [LLG⁺15, MBD16, AGFG19, KHS11, LDÁM14, VPCM19].

cutoff [GCW17]. **cutthroat** [MKKM15]. **Cuvier** [BQP12, BHW⁺¹¹, CHF⁺¹², GOM⁺¹⁹, PdSG⁺¹², SBK⁺¹⁵, ZWY⁺¹¹].
Cyanea [PÁD18]. **cyanobacterial** [KPM⁺¹¹]. **cyanuric** [PCK⁺¹⁵]. **cycle** [AJLK⁺¹⁸, LNC⁺¹⁷, RRC⁺¹⁷]. **cycles** [JR19]. **cyclic** [VSS17]. **cylophilin** [YSK13]. **cyclopteri** [ATP⁺¹⁶, PB18]. **Cyclopterus** [ATP⁺¹⁶, AGR⁺¹⁶, CCH⁺¹⁹, ESBE18, EWH⁺¹⁹, ELI⁺¹⁷, EDV⁺¹⁸, ESV^{+19b}, GVC⁺¹⁹, JHRW17, MLRS⁺¹⁷, PAM⁺¹⁹, PB18, SBP⁺¹⁹, SFBW⁺¹⁷, TDS⁺¹⁹]. **CyHV** [BBL⁺¹⁶, AHJS⁺¹⁸, IFF⁺¹⁵, NSS⁺¹⁷, PFP⁺¹³, RAM⁺¹⁸]. **CyHV-2** [BBL⁺¹⁶, AHJS⁺¹⁸, NSS⁺¹⁷, RAM⁺¹⁸]. **CyHV-3** [IFF⁺¹⁵, PFP⁺¹³].
Cynoglossus [XJL⁺¹⁵, ZQB⁺¹¹]. **Cynoscion** [CCM⁺¹¹]. **cyprinacea** [RHS⁺¹²]. **cyprini** [GSBEM15, WBD^{+10b}]. **Cyprinid** [LLL⁺¹³, MSS^{+17a}, ASB⁺¹², CLC⁺¹⁷, CCW⁺¹⁵, EBM⁺¹⁸, MLH⁺¹⁵, MKY⁺¹⁵, MBT⁺¹⁷, NSS⁺¹⁷, PFP⁺¹³, RAM⁺¹⁸, SEM18, WXL16, WSX⁺¹⁸, WIC⁺¹⁹, BBL⁺¹⁶, FBAS16, FCC⁺¹³, FSC⁺¹⁶, GSEM13, GAEK⁺¹⁴, HDC18, IFF⁺¹⁵, KJW⁺¹⁷, TKS⁺¹⁸]. **Cyprinus** [AI11, BLFRCQ10, BDM⁺¹⁸, CLC⁺¹⁷, CR12, CCT⁺¹¹, CLHGK17, FSV⁺¹⁴, GJM⁺¹⁵, GSEM13, HDC18, JDRM17, JAR⁺¹¹, JSAH⁺¹⁸, KPM⁺¹¹, LWJ⁺¹⁶, LLZW14, MBS⁺¹⁷, MSS^{+17a}, MTA⁺¹⁵, MTAB15, OSAA18, OCLI⁺¹⁹, PFP⁺¹³, RHZA⁺¹⁶, SBD11, SRB12, SJSA⁺¹⁴, VCN⁺¹⁰, WPH⁺¹³, WZW⁺¹⁸, YFA⁺¹⁷]. **Cyralia** [MdOO16]. **cyst** [SdMVS⁺¹⁶].
Cystic [RhMM⁺¹⁵, WBE⁺¹⁷]. **cysticola** [WNGS⁺¹⁷]. **Cystidicolidae** [SBK⁺¹³]. **cytokine** [AMA11]. **cytokines** [NSE⁺¹⁷]. **cytologic** [RSR⁺¹⁸]. **cytometry** [CHB⁺¹⁷]. **cytotoxicity** [JSJR⁺¹⁹]. **Czech** [PFP⁺¹³].
D [ASHZ⁺¹², JCN⁺¹⁴, KBE⁺¹⁴]. **dab** [SBH⁺¹⁶, VDD⁺¹⁸, YYW⁺¹⁴]. **damage** [MBB12]. **damselae** [BBP18, CDF⁺¹⁸, CRS⁺¹³, HCL⁺¹⁴, KPSP⁺¹⁹, OJRL10, SPS⁺¹⁷, BBP18, HHM⁺¹⁴, SPS⁺¹⁷]. **Danio** [AMRHM18, CXK16, CKvGJB17, EDP⁺¹⁷, KWGS19, LHW⁺¹², LHW^{+15b}, MLR⁺¹², MWRSK17, RAM⁺¹⁹, SZM⁺¹⁵, SSK17, ZJR⁺¹⁸]. **Dasyatis** [CBFM16]. **data** [Gis18, HBS⁺¹⁴, MPJ⁺¹⁵, SMM⁺¹³, SK15, SEK⁺¹⁶]. **database** [EKT⁺¹¹, JSK⁺¹⁰]. **dead** [CBM⁺¹⁸]. **deaminase** [BSD^{+18a}]. **Decapterus** [BHW⁺¹¹]. **decipiens** [BK12]. **decreased** [MCO11]. **decreases** [CCHL13, USM17]. **decussatus** [DABO⁺¹⁷]. **defence** [DLP⁺¹³, RRO⁺¹³]. **deficiency** [WPH⁺¹³]. **deficient** [HCCM12]. **definition** [BSSH17, MNF⁺¹⁵]. **definitions** [OLVJ⁺¹³]. **deformation** [TPD⁺¹⁹]. **deformations** [ASW16]. **deformities** [CLHGK17, Dig13, Dig15, FHFF15, GHB⁺¹¹, MLF⁺¹⁰, Pol15, SMS⁺¹⁸]. **deformity** [GCWB11, JHM⁺¹⁸, NWMK16]. **degenerated** [VCOD17]. **degenerative** [ARL⁺¹⁷]. **Delftia** [ARFG13]. **delica** [TFG19]. **delivered** [PBM⁺¹⁵]. **delivery** [LLDL13]. **delousing** [HH13a, JR19]. **Delta** [BAD⁺¹²]. **Deltamethrin** [HBS⁺¹⁴]. **Deltistes** [JMHK18]. **demonstrate** [WKW⁺¹¹]. **demonstrates** [GCM^{+18b}, LLS⁺¹¹, PPE⁺¹⁸]. **demonstrating** [JKS⁺¹³]. **demonstration** [CBLN13]. **Dendronereis** [HVVV15]. **denitrification** [JSAB⁺¹⁹]. **density** [BRL⁺¹³, DLCC⁺¹³]. **densovirus** [OLC11].

deoxynivalenol [RHB⁺15]. **dependency** [JHW17]. **dependent** [ASSP⁺15, HZJ⁺19, CGG⁺10, HLP⁺16]. **depletion** [DdRTM13, DdRCP13, DPCdR14]. **deposition** [CHF⁺12]. **depositions** [LAN⁺14]. **deprivation** [LDÁM14]. **derivative** [PVIM18]. **derived** [GHH⁺11, KLW10, LJC⁺19, OWM⁺17, PMW⁺10, SSG⁺19, WWS⁺11, YSHG18, YNL11, YCNW18]. **dermal** [RKPG16]. **dermatitis** [PRT⁺14, RBS⁺16]. **dermatopathy** [KPT⁺11, SJT14]. **Dermocystidium** [FCS⁺18, KHLL16, LLG⁺15]. **Dermocystidium-like** [KHLL16]. **description** [BLdA⁺18, BVT⁺18, CTD⁺12, GKCC⁺12, GGH⁺10, MdOO16, SZM⁺15, dSRSHGá⁺19]. **descriptive** [WMM⁺16]. **Design** [LTG⁺18, VCOD17]. **Desmarest** [MPM16]. **Desmozoon** [MRSC13]. **destructive** [BMT⁺15, CMS⁺19, LJGRI⁺10]. **detect** [CDG⁺14, THW⁺12]. **detected** [CCW⁺15, SRM⁺18]. **detecting** [AHITC18, BRB⁺12, HWM⁺13, WCW16a]. **Detection** [ACSB⁺19, BKS⁺17, BLSG⁺16, BPF⁺18, CPEH15, FCM⁺19, FCC⁺13, FGR⁺12, GFB⁺13, GBSF12, GCCLRP⁺13, JKC⁺11, JYZ⁺14, JHGR13, KTN⁺16, KJW⁺17, LGC⁺19, LJGRI⁺10, MCW⁺18, NJK⁺17, NFF⁺17, NSC⁺15, OMO⁺15, PBW⁺18, SZZSFN⁺14, SSO⁺14, VGP⁺18, WXL16, ARR⁺18, AGB⁺19, BBC⁺10, BBL⁺16, CLC⁺17, CDF⁺18, CWW⁺18, CRAG⁺12, CZL⁺19, DPMK12, DTM⁺10, DCL⁺17, FSC⁺16, FSG⁺12, GMB⁺17, GJK⁺11, GM10, HJOK11, HGB⁺11, JNN⁺11, KJW⁺12, KBJ⁺13, KMGK⁺18, LFH⁺11, LLWL15, LXX⁺17, LCR⁺10, MSI⁺15, MTHB13, MTAB15, MNM⁺19, NLKA16, NMM⁺18, NOST⁺16, OCLI⁺19, PHvdH12, PSK⁺13, RHZA⁺16, RPJ⁺18, SMF⁺10, SSHEM11, SPKS17, SKN⁺16, Sla14, SEM18, TSS18, TSK⁺19, WWZ⁺18, WSX⁺18, XJL⁺15, YTL10, YWW⁺19, YLX⁺19a, ZCCN13, ZCC⁺15, ZWG⁺18, ZHFC11, ZLN⁺17, vBVLR⁺16]. **detections** [HST⁺13, TVK⁺19]. **detects** [ISCF⁺19]. **determinants** [NB11]. **Determination** [OM10, DSJA18, RHTC19b]. **determinations** [YVM⁺14]. **determined** [BHT⁺17]. **developed** [NMV⁺19]. **Developing** [WCW16a]. **Development** [Año12c, BRB⁺12, BMBS12, CDF⁺18, CCCTA⁺14, CLT⁺14, ÇOÇ⁺16, CPdPP16, DPMK12, DCL⁺17, EKT⁺11, FSG⁺12, GJK⁺11, HRL15, HLC⁺15, JKS⁺13, KJW⁺12, KBJ⁺13, LML⁺13, LLWL15, LXX⁺17, LLX⁺19, MVM⁺18, MSI⁺15, MID⁺19a, MF12, NLKA16, OFA11, PWHW18b, PSK⁺13, RSGB⁺14, SCF⁺13, SVL⁺17, SKN⁺16, SFL⁺16, TSS18, THW⁺12, VBL⁺15, YWW⁺19, YLX⁺19a, ZCC⁺15, ZWG⁺18, vBVLR⁺16, BPCS19, BSK⁺10, CRBLC⁺17, CLS⁺15, DMK⁺19, EDN18, FLC⁺17, HH13b, HFKF17, JWO⁺10, JJV⁺15, KBE⁺14, LCOZ10, NMM⁺18, OLVJ⁺13, PWW19, SVV⁺17, SNK⁺19, dALF⁺17]. **DHA** [BCBS⁺13]. **dhakensis** [CMSHS16]. **diagnose** [NMIY14]. **diagnosing** [KKT⁺18a]. **diagnosis** [ATM⁺10, FBL⁺14, FMB⁺11, KKT⁺18b, VCOD17, WXL16, YYF⁺10]. **Diagnostic** [JSJR⁺19, BTC⁺17, CPdPP16, EAM⁺13, FMT⁺14, HH13b, HAS⁺19, JWO⁺10, JSJR⁺18, LTG⁺18, LMG⁺19, LPCC12, MNG⁺18, NJK⁺17, VDH19, BWP⁺19b, RHSM⁺18b, RHSM⁺18a]. **diagnostics** [LML⁺13]. **Dicauda** [LRB⁺17]. **dicentrarchi**

[AHITC18, IGLG⁺¹⁷, KAF⁺¹⁹, LITCAH19b]. **Dicentrarchus** [CKTT10, FCM⁺¹⁹, FPK⁺¹⁷, LMC⁺¹⁶, NOST⁺¹⁶, PBC15, PST⁺¹⁶, RRC⁺¹⁷, RGD⁺¹², TMC⁺¹², TNK12, VTM⁺¹⁴]. **Dichelesthium** [SAD⁺¹²]. **dichotomy** [VC17]. **diclina** [SWWN⁺¹⁶]. **Dicologlossa** [LPVGL⁺¹⁰]. **did** [OBFR12]. **Didymodictinus** [PMP⁺¹⁸]. **Didymozoidae** [PMP⁺¹⁸]. **diet** [BSD^{+18d}, HOHG13]. **Dietary** [MLF⁺¹⁰, AFTEML19, AMA11, BCBS⁺¹³, DTF⁺¹⁶, DMB⁺¹⁹, LKS⁺¹³, PCK⁺¹⁵, SFR⁺¹⁷]. **differ** [BDD⁺¹⁸]. **Difference** [LZZN10]. **Differences** [JOF⁺¹⁹, TDLT⁺¹⁶, BLF⁺¹⁶, RSPA⁺¹⁸, SHO⁺¹⁷, SFU⁺¹³]. **Different** [ZXW⁺¹², BRL⁺¹³, CRO⁺¹⁸, CPdPP16, CRS⁺¹³, DDBC⁺¹⁵, DMK⁺¹⁹, ELI⁺¹⁷, GFS⁺¹⁴, GRG⁺¹⁶, HKK^{+11b}, HH13a, HZX⁺¹³, JAR⁺¹¹, JR19, JPG⁺¹⁹, JKH⁺¹⁷, JHGR13, JBG11, JJSJ15, JSJR⁺¹⁸, JSJR⁺¹⁹, KEY⁺¹⁵, MAC⁺¹⁵, PST⁺¹⁶, RHTC19b, SSV⁺¹⁰, SWWN⁺¹⁶, TDS⁺¹⁹, VTM⁺¹⁴, WBF⁺¹⁰, ZYW⁺¹⁰]. **Differential** [CZL⁺¹⁹, OLVJ⁺¹³, PMW⁺¹⁰, RSB13, VBL⁺¹⁶, WCL⁺¹², ZJR⁺¹⁸, CLW⁺¹¹, CLT⁺¹⁴, CDG⁺¹⁴, HB12, NSE⁺¹⁷]. **differentially** [LSA⁺¹⁵]. **differentiated** [CIA⁺¹⁸, SJSA⁺¹⁴]. **differentiates** [GLK⁺¹⁶]. **differentiation** [JSJR⁺¹⁸, RSMH09, SEM18]. **differs** [KBTMH⁺¹⁶]. **diffusion** [SK15]. **digenean** [DLP⁺¹³, DAO19]. **digestion** [RRG⁺¹⁹]. **digestive** [BT14, DPTFC10]. **Diggles** [Dig15, Pol15]. **dilation** [LWMT10]. **dimensional** [KTK17, LLL⁺¹²]. **Dinophyceae** [YB17]. **diocetes** [DD15]. **Diodon** [SBK⁺¹³]. **dioica** [AA10]. **dip** [NCNB18]. **Diphyllobothrium** [KFK⁺¹⁶, KKKA17]. **Diplodus** [KPT⁺¹¹]. **diploid** [AAV⁺¹⁶, LWZ⁺¹⁸, SFR⁺¹⁷]. **diplomonad** [MLWC11]. **dips** [TJR⁺¹⁸]. **dipstick** [WSX⁺¹⁸]. **Direct** [DXX⁺¹⁵, GCNB18, vGJHS⁺¹¹, LCR⁺¹⁰, SSHEM11]. **disc** [SK15]. **discus** [AFTEML19, RKK⁺¹⁹]. **Disease** [AHTCA⁺¹⁷, SWD⁺¹⁴, ATJS⁺¹⁸, ACN12, AAUHW15, AFTEML19, Ano10c, BSW17, BMMC⁺¹⁵, BTN⁺¹⁸, BHF13, BPCS19, BSK⁺¹⁰, BSSH17, BPK⁺¹⁷, BMT⁺¹⁵, BSBH10, CCLGRM⁺¹⁷, CVGR⁺¹³, CJB⁺¹⁵, CHV⁺¹², CPP14, CCME16, CRAG⁺¹², CONN10, DD18, DMB⁺¹⁹, DBHC17, DML⁺¹⁶, DTJ⁺¹⁷, DYML⁺¹⁸, DSJA18, DT16, FFLC17, GCNB16, GTT⁺¹⁷, GCM^{+18b}, GKO⁺¹⁴, GDW⁺¹⁵, GMN12, GBSF12, HZP⁺¹², HHX⁺¹⁵, JWO⁺¹⁰, JTW⁺¹⁰, JJB15, JJM⁺¹⁷, KR⁺¹⁷, KRP⁺¹⁵, KAF⁺¹⁹, KOI⁺¹⁴, KTN⁺¹⁶, KYB⁺¹⁵, LGK⁺¹⁴, LKS⁺¹³, LLS⁺¹¹, LRMN17, MBS^{+19a}, MNF⁺¹⁵, MKI⁺¹⁵, MLER⁺¹⁸, MTG⁺¹⁰, MR11, MA16, MCCN14, NPGA⁺¹⁹, NBJ10, NDA10, OLVJ⁺¹³, OSAA18, OCLI⁺¹⁹, OLT⁺¹⁰, PHvdH12, PRT⁺¹⁴, PGF⁺¹⁹, PRY⁺¹⁸, QPB⁺¹⁶, RSP⁺¹⁷, RRG⁺¹⁹, RPJ⁺¹⁸, RHB⁺¹⁵, SHW⁺¹¹, SHS14, SMS⁺¹⁰, STS⁺¹⁵, SDM⁺¹⁹, SSF⁺¹⁷, SQC⁺¹⁴, SJK⁺¹⁴, SVY⁺¹⁴, SKJ13, TOK⁺¹⁶, TWNB⁺¹², TCC10a, VFB⁺¹², WMM⁺¹⁶]. **disease** [WNO⁺¹⁸, XKB12, ZYW⁺¹⁰, ZWG⁺¹⁷, ZDWH18]. **disease-causing** [DD18]. **diseased** [AI11, BAD⁺¹², CMSHS16, CLZ⁺¹², GCMG⁺¹¹, KOS⁺¹⁰, LPVGL⁺¹⁰, OSC⁺¹⁴, PKPG15, PAZ18, RKK⁺¹⁹, SMV⁺¹⁴, SG12, WNCR12]. **Diseases** [LYD⁺¹⁵, Tre12, BMBS12, EEMCEGSP16, HAS⁺¹⁹, JBO⁺¹⁵, KKT^{+18a},

LTG⁺¹⁸, LTM⁺¹⁹, MKY⁺¹⁵, NFA15, OLVJ⁺¹³, Spe19b]. **disinfectant** [MoSMS18]. **disinfectants** [JST⁺¹⁹, SHS14]. **Disinfection** [ITKH18, BMK17, DD18, MUM⁺¹⁹, OBD10]. **disorders** [KOB⁺¹⁷]. **dispersal** [SCF⁺¹³, SDI⁺¹⁸]. **displaying** [WNAJ⁺¹⁶]. **displays** [BSB⁺¹⁸]. **disposal** [DAB⁺¹²]. **Disruption** [OWM⁺¹⁷, ZCQF15]. **Dissection** [LNC⁺¹⁷]. **Disseminated** [DSMC17, ŘKH17, SCZM19, DIVC16]. **dissolved** [MTLP^{+18b}]. **distances** [SMR16]. **distinct** [EDN18, IBFL19, LLC⁺¹¹]. **distinguishing** [FNISE12]. **Distribution** [AGFG19, LUP⁺¹⁸, MMMD16, AOAH13, CHWM⁺¹⁹, DPC⁺¹⁰, EKED⁺¹⁷, GFR⁺¹², LBF⁺¹⁴, MRR⁺¹⁴, MJ17, NRF⁺¹⁸, NHM⁺¹⁰, PPE⁺¹⁸, SHO⁺¹⁷, SSV⁺¹⁷, TDJ⁺¹⁰, BMH⁺¹⁹]. **disturbances** [PHVM13]. **divergence** [FMA⁺¹⁹, MBS⁺¹⁷]. **divergent** [BVL⁺¹⁸]. **diverse** [HGX⁺¹⁹, LF18, ME12]. **Diversity** [CHV⁺¹², ASB⁺¹², BAD⁺¹², BFC⁺¹⁵, DMP10, DLPR15, ISCF⁺¹⁹, MPBM⁺¹⁶, MWS17, PdLC19, PPSW19, TCM⁺¹⁹, WMD⁺¹⁸, WNMK⁺¹⁶]. **DIFBL** [PBC15]. **DNA** [ASHZ⁺¹², CLGP15, CGR17, Dal18, DCMM13, EPCSBP18, GCCLRP⁺¹³, HLL⁺¹², KKT^{+18b}, KKT^{+18a}, LLDL13, LFH⁺¹¹, RSGB⁺¹⁴, TQW⁺¹⁴, WCL⁺¹⁹, YGL⁺¹⁸, YEK⁺¹⁷, ZWL⁺¹⁴]. **DNA-binding** [WCL⁺¹⁹]. **DnaK** [PHW⁺¹⁶, SNM⁺¹⁶]. **Do** [FBS13, NBJ10, PPF⁺¹², FCJH19, RHB⁺¹⁵]. **docking** [SRD⁺¹⁶]. **docosaheptaenoic** [BCBS⁺¹³]. **doctor** [VME⁺¹⁹]. **Does** [HBH⁺¹⁹, CRBLC⁺¹⁷, BPCS19]. **dollar** [ALG15]. **domain** [ZGY⁺¹⁸]. **dopamine** [DSSB19]. **dorsal** [KLW10]. **dosage** [dOAPLá⁺¹⁷]. **dose** [CLGP15, HH13b, NSC⁺¹⁸, PPI⁺¹³, Sam10, WWE⁺¹³]. **dosing** [RHTC19b]. **dot** [LCR⁺¹⁰]. **double** [MKI⁺¹⁵]. **double-virus-infected** [MKI⁺¹⁵]. **doubling** [MLWC11]. **Down** [RBM⁺¹⁶]. **Down-regulation** [RBM⁺¹⁶]. **Dr** [Rob11]. **Dr.** [Cip11, Rob14a]. **Drasche** [KOS⁺¹⁰, PZL⁺¹⁴]. **Dried** [ZTF⁺¹⁰]. **drivers** [JMD⁺¹⁸]. **drop** [GKCC⁺¹², SDM⁺¹⁹, ZDWH18]. **drug** [dSCBdS⁺¹⁶, RKK⁺¹⁹]. **drugs** [PZL⁺¹⁴, ZN10]. **dry** [SG12]. **dry-stored** [SG12]. **dsRNA** [DPADO16, SSV⁺¹⁰, TMM⁺¹⁵]. **dual** [VLVS⁺¹⁶]. **dual-labelled** [VLVS⁺¹⁶]. **due** [ABM⁺¹⁵, JJB15, ŘKH17]. **Dujardin** [KWGS19, MKK⁺¹¹]. **Dumbo** [DAO19]. **dumerili** [MKH⁺¹¹, dSRSHGá⁺¹⁹]. **duplex** [FGR⁺¹²]. **duration** [HLHS11]. **during** [BMT⁺¹⁵, CHWM⁺¹⁹, CG11, DMB⁺¹⁹, DYML⁺¹⁸, EDN18, FvdMF⁺¹⁸, GTGCM19, HH13a, JKL⁺¹³, KHG⁺¹⁷, LGJ19, LXZ⁺¹⁹, OJRL10, PTM⁺¹⁹, RHS⁺¹², RCGGM15, SMS⁺¹⁰, SMJ⁺¹², SHKF16, VMBGE17, XJL⁺¹⁹]. **dusky** [PMP⁺¹⁸, RBS⁺¹⁶, RSF⁺¹⁷]. **dwarf** [RWTB17]. **dyed** [Góm12]. **Dynamics** [KBTMH⁺¹⁶, MSMM19, HHO14, HKG⁺¹⁵, JPG⁺¹⁹, SVY⁺¹⁴, SSL18, YLL⁺¹⁸]. **dysfunction** [LGJ19]. **dysgalactiae** [CLLF14, NLF11, NMIY14, TWYC15]. **dysregulation** [CCHL13].

E. [ZDWH18]. **Early** [WFH⁺¹⁸, WOD16, BPK⁺¹⁷, HGG⁺¹¹, ICVV16, vGJHS⁺¹¹, LF18, LSC⁺¹⁴, MNG⁺¹⁸, MTA⁺¹⁵, MTAB15, MPS⁺¹⁸, RRO⁺¹³, SMJ⁺¹², SFU⁺¹³, YK13, dALF⁺¹⁷]. **Early-stage** [WOD16]. **East** [Dig13, Dig15, GMP⁺¹¹, RBR19, CCW⁺¹⁵, LZGZ16, Pol15]. **eastern**

[CBM⁺¹⁷, CBM⁺¹⁸, PdSG⁺¹², VPS⁺¹⁴, WMF14, LDA⁺¹⁹].
echinostomatid [MGM⁺¹⁶]. **Ecological** [PMP⁺¹⁸]. **economic** [KNN19].
ecosystem [JMD⁺¹⁸]. **ectoparasites** [STIG17]. **ectoparasitic**
[MUM⁺¹⁹, TGJCH15]. **Ectopic** [BKG⁺¹⁸]. **ectopically** [TPD⁺¹⁹]. **edema**
[ABVS18, MBS⁺¹⁷, MSB⁺¹⁹]. **edible**
[DdRTM13, KOS⁺¹⁰, PZL⁺¹⁴, SWH⁺¹⁴]. **Editorial**
[RW10, RW11, Rob13, Rob14b, Spe15, Woo12]. **edule** [RAVC18]. **edulis**
[BRL⁺¹³, BLSG⁺¹⁶]. **Edward** [MMMD16]. **Edwards**
[CG11, GMP⁺¹¹, NRMS14, SQC⁺¹⁴, ZB12]. **Edwardsiella**
[ACAS14, ACLP⁺¹⁹, BAD⁺¹², CDM⁺¹⁶, CGAS19, CTD⁺¹², COB⁺¹⁶,
CTK⁺¹⁰, DMK⁺¹⁹, EAN⁺¹⁸, EA18, GRG⁺¹⁶, GPWF19, KTK17,
KMGK⁺¹⁸, KREM14, LKS⁺¹³, LML⁺¹³, PRWG17, PRSK10, PMK12,
QXW14, RSR⁺¹⁸, SMV⁺¹⁴, SRT⁺¹⁴, VST⁺¹⁹, WZA10, YK13, ZXW⁺¹²].
Edwardsiellosis [QXW14, LML⁺¹³]. **edwardsii** [ZJDL18]. **eel**
[ARFG13, BMD⁺¹⁴, BND⁺¹⁷, BCG⁺¹⁷, GFM⁺¹⁶, IGLG⁺¹⁷, KYK⁺¹²,
KPK⁺¹⁸, KLD⁺¹⁸, MBD16, MFES18, MWS17, MSS⁺¹², NJK⁺¹⁷, OMO⁺¹⁵,
PWHW18b, PWW19, SWE⁺¹⁹, WCW^{+16b}, WTM14]. **eelpout** [AHB⁺¹⁷].
eels [BSC⁺¹⁴, CSA⁺¹⁵, CHF⁺¹², EMA17, EA18, FDST16, KAST17, LML12,
LFP^{+11a}, LFP^{+11b}, WCW^{+16b}]. **Effect** [AMA11, CMEV17a, CAS⁺¹⁸,
DSSB18, DSSB19, GVB^{+17a}, HKBD15a, JQK14, KSM⁺¹⁷, KBE⁺¹⁴, KCL14,
MMD⁺¹², RRG⁺¹⁹, SSSP18, SK15, SDR⁺¹⁵, SCS⁺¹², SW11, AHH16, AH16,
AMRHM18, ACA⁺¹⁶, AAV⁺¹⁶, BND⁺¹⁷, BLP10, CGR17, CMH⁺¹⁷,
DSA⁺¹², ESA⁺¹⁰, FFP⁺¹⁴, GBV⁺¹⁶, GHB⁺¹¹, HFKF17, IPW⁺¹³,
LAN⁺¹⁴, MTK⁺¹⁰, OLC11, PVIM18, SSC17, YSHG18, YFA⁺¹⁷, SOGR⁺¹⁹].
effective [ANB⁺¹⁹, CB13, SMFM12]. **effectively** [RPMRLJ⁺¹⁹].
effectiveness [GVB^{+17b}, GVB^{+17a}, NNC⁺¹⁸, TJR⁺¹⁸]. **Effects**
[BPCS19, JBGP11, JJV⁺¹⁵, KFK⁺¹⁶, LKS⁺¹³, LPC⁺¹⁸, PG16, PMPG⁺¹⁶,
TTL⁺¹⁶, TMC⁺¹², VDO^{+18b}, VMCM14, BSD^{+18d}, BHA⁺¹⁷, EDP⁺¹⁷,
ELI⁺¹⁷, HBB14, JST⁺¹⁹, LLL^{+18a}, MDF⁺¹⁷, MMMD16, NCNB18, PNBK13,
PMBM13, PPI⁺¹³, SHS14, UKS⁺¹⁸, VCLW16, VBL⁺¹⁵, WXWD15, XKB12].
Efficacy [BNS13, FHD13, HLL⁺¹², HJN⁺¹⁹, MSCH14, RSH11, SSV⁺¹⁰,
SGB⁺¹⁶, SKGE13, WGL17, ZPM⁺¹⁸, BAH⁺¹⁶, CDW17, DD18, ESA⁺¹⁰,
HLHS11, HCL⁺¹⁴, KWGS19, LML12, LWJ⁺¹⁶, MWRSK17, MA16, NCNB18,
OMB⁺¹⁹, PZL⁺¹⁴, RNM⁺¹², SMR10, SSSP18, TNK12, VDO^{+18a}]. **efficient**
[EYF⁺¹⁹]. **efforts** [JR19]. **EGCG** [WCR⁺¹⁸]. **egg**
[AHH16, BAH⁺¹⁶, FHFF15, GM11, MGM⁺¹⁸]. **eggs**
[KBE⁺¹⁴, MWRSK17, OBD10, SWWN⁺¹⁶, SMFM12, TES11]. **Egusa**
[ZCC18]. **Egyptian** [NFF⁺¹⁷]. **EHP** [SSV⁺¹⁷]. **EHP-infected** [SSV⁺¹⁷].
Eigenmann [Lek12]. **eight** [JCN⁺¹³, JCN⁺¹⁴, KRFT14]. **EIIB** [XXL⁺¹⁹].
Eimeriidae [dSdAdS⁺¹⁹]. **ELASA** [YLX^{+19a}, ZLN⁺¹⁷]. **Elasmobranchii**
[MdOO16]. **elasmobranchs** [KJB11]. **electric** [MSS⁺¹²]. **electricus**
[MSS⁺¹²]. **electrophoresis** [LLL⁺¹², TAC15]. **Electrophorus** [MSS⁺¹²].
Eleginops [GOM⁺¹⁹]. **element** [CYS17]. **Elevation** [Bin14]. **ELISA**
[BWZ⁺¹⁷, LMG⁺¹⁹, ZWG⁺¹⁸]. **Ellidaár** [áKÁGA16]. **Ellis** [Rob11].

elongation [PLCC11]. **elongatoides** [FŠK⁺19]. **EM-90-like** [RSIP⁺17, RSPA⁺18, SHO⁺17]. **EM90** [MID⁺19b, MID⁺19a]. **EM90-like** [MID⁺19a, MID⁺19b]. **emaciation** [KOI⁺14]. **emamectin** [GSS⁺10, HLHS11, IPW⁺13, JHGR13, KWGS19, LML12, PPI⁺13, SMR10, SMM⁺13, Sam10, WWE⁺13]. **emarginatus** [VDO⁺18a]. **embedded** [FBL⁺14, FGR⁺12]. **emerald** [HAP⁺10, LRB⁺17, MGN⁺16]. **Emergence** [AHB⁺17, JHGR13]. **Emerging** [BK12, EKT⁺11, NSC⁺15, OLVJ⁺13, PRT⁺14, VJWC⁺18]. **emphasis** [VGI⁺16, WBD10a]. **employ** [SWWN⁺16]. **employing** [MFES18]. **empty** [CBM⁺18]. **EMS** [BPK⁺17, ITKH18]. **EMS/** [ITKH18]. **EMS/AHPND** [BPK⁺17]. **Encephalomyelitis** [MKH⁺11, YYF⁺10]. **encephalopathy** [DVC⁺17, GFB⁺13, NOST⁺16, VPP⁺12]. **encoded** [CCLL16, CGW⁺19, LCC⁺15]. **endangered** [VPP⁺12]. **endocarditis** [WEPB⁺18]. **endogenous** [BMBS12]. **Endolimax** [CPP14, CPdPP16]. **endoparasitic** [Buc12]. **endothelial** [OMO⁺15, WCW⁺16b]. **England** [TDJ⁺10, TWJP10]. **Enhanced** [MTHB13, NNC⁺18]. **Enhancement** [SRB12, LSC⁺14]. **enhances** [CR12, ZCJ⁺18]. **enhancing** [BRB⁺12]. **enolase** [BMT⁺15]. **enrichment** [YGL⁺18]. **enteric** [DPC⁺10, LXL⁺18, XLZ⁺17]. **entering** [CDM⁺13, VCR⁺11]. **enteritis** [MTLP⁺18b, WZQ⁺16]. **Enterobacter** [GCNB16]. **Enterobacteriaceae** [KMGK⁺18]. **enterobacterial** [TAC15]. **enterocytes** [RRO⁺13]. **Enterocytozoon** [KS19, SSV⁺17, TSK⁺19]. **enteromyxosis** [LBF⁺14]. **Enteromyxum** [ERÁpSB14, SSJ⁺19]. **Enterospora** [ACSB⁺19]. **enterotoxin** [MBB12]. **envelope** [LC17]. **environment** [JFWH19]. **environmental** [DIVC16, GFM⁺16, HSA17, KOB⁺17, SMR16]. **environments** [EMA17, MKKM15, PJJ⁺12]. **enzyme** [BWZ⁺17, BA14, NMIY14, YLX⁺19a, ZLN⁺17]. **enzyme-linked** [BWZ⁺17, NMIY14, YLX⁺19a, ZLN⁺17]. **enzymes** [BSV⁺18, BSD⁺18a]. **epaulette** [JK12]. **EPC** [WBD⁺10b]. **Ephippidae** [DTM⁺10]. **epicarditis** [DKG⁺17]. **Epidemiological** [GJVT⁺11, SEK⁺16, DIVC16, GCW17, JHRW17, MSBB⁺16, MFS⁺17, SMS⁺10]. **epidemiology** [EEMCEGSP16, JJM⁺17, NBJ10]. **Epidermal** [CKJ⁺14, PJU⁺13]. **epidermoid** [SdMVS⁺16]. **Epinephalus** [OKS⁺13]. **Epinephelus** [BFFA⁺12, CBH⁺15, DDBC⁺15, FHZ⁺16, GHH⁺11, GHW⁺15, KCD⁺14, LXL⁺18, LSC⁺14, LSA⁺15, LMM⁺15, LMM⁺16, NNC⁺18, NDA⁺19, OTN⁺12, PMP⁺18, RBS⁺16, RSF⁺17, SSF⁺17, Wen16, WCL⁺12, XLZ⁺17, ZDWH18]. **epithelial** [AHPR⁺16, BCLM⁺19, BKG⁺18, GCM⁺18b, RBL⁺11, VBL⁺16]. **Epitheliocystis** [CMR⁺16, MSR⁺10, SN14, SPV⁺18, SVV⁺17]. **Epithelioma** [GSBEM15, WBD⁺10b]. **Epizootic** [CCM⁺11, BO15, CCT⁺11, CLW⁺13, CdAPdC⁺19, DWL⁺17, HHC⁺18, LFL19]. **Epizootics** [BDB⁺18, HGG⁺11]. **epizootiologic** [FLVA10]. **erectus** [BCW⁺15, QWTL17, SBHC18, WZQ⁺16]. **Ergens** [BGRB14]. **Eriocheir** [DML⁺16, DCZ⁺17, FGJ⁺10, HGW⁺19, SCS⁺12, ZB12, DCL⁺17].

eriocheiris [DXX⁺¹⁵, HGW⁺¹⁹, LXX⁺¹⁷]. **ERM** [WGL17]. **erosions** [ONA10]. **Erratum** [Ano10a, Ano10b, Ano11, Ano14, RMSH10, TCC10b]. **Erysipelothrix** [CSA⁺¹⁵, PRY⁺¹⁸]. **erythrocytes** [VSDS^{+19a}]. **Erythromycin** [JML19, DdRCP13, DPCdR14, LLX⁺¹⁹]. **erythromycin-resistant** [LLX⁺¹⁹]. **erythropolis** [PBMB11]. **erythropterus** [CLWJ13, TIK^{+14b}]. **escaped** [MKI⁺¹⁵]. **Escherichia** [SNM⁺¹⁶]. **Esox** [Ano12c, KF10b, MF12, Reh13]. **Essential** [VGI⁺¹⁶, BSD^{+18c}, OJRL10, VDO^{+18a}, ZKL⁺¹⁹]. **establish** [OM10]. **established** [AZSSZZ13]. **Establishment** [BNC⁺¹¹, CLL⁺¹⁰, GHH⁺¹¹, GHW⁺¹⁵, IFF⁺¹⁵, KLW10, KAEMEM13, LJC⁺¹⁹, WWS⁺¹¹, WWZ⁺¹⁸, WZW⁺¹⁸, XWP⁺¹⁸, YNL11, dOAPLá⁺¹⁷]. **estimate** [KKKA17]. **estimates** [GBV⁺¹⁶, GVB^{+17a}, MMG⁺¹¹]. **Estimating** [HDWM15]. **estuary** [DCV⁺¹⁴]. **ethanolic** [BAH⁺¹⁶]. **Etropilus** [MRN⁺¹⁹]. **EU** [VCR⁺¹¹]. **Euglena** [YSHG18]. **Eurasian** [BGRB14]. **europaeus** [DABO⁺¹⁷]. **Europe** [BLL⁺¹⁷, BMMP⁺¹⁴, COB⁺¹⁶, DKBS17, SBD11, SMJ⁺¹⁴, VCS⁺¹⁹]. **European** [ARFG13, BMD⁺¹⁴, BND⁺¹⁷, BLSG⁺¹⁶, CGP⁺¹⁹, CKTT10, EA18, FCM⁺¹⁹, FPK⁺¹⁷, FDST16, GFM⁺¹⁶, KAST17, LMC⁺¹⁶, MBD16, MFES18, MAOS⁺¹⁸, MNM⁺¹⁸, NJK⁺¹⁷, PBM⁺¹⁵, PST⁺¹⁶, RRC⁺¹⁷, RPM⁺¹⁹, SWE⁺¹⁹, TMC⁺¹², TNK12, Tre12, VTM⁺¹⁴, VC17]. **eutropha** [HBH⁺¹⁹]. **eutrophic** [HWO⁺¹⁷]. **evaluate** [LTG⁺¹⁸, RSF⁺¹⁷]. **evaluated** [MSC⁺¹⁷]. **Evaluating** [GVB^{+17b}, HCL⁺¹⁴]. **Evaluation** [ATM⁺¹⁰, CBLN13, HKBD15b, RAM⁺¹⁹, ASS19, DSSB18, DSSB19, EAN⁺¹⁸, FDST16, HLHS11, KWGS19, LTC⁺¹⁴, LFP^{+11a}, LFP^{+11b}, LWJ⁺¹⁶, LLWL15, MID^{+19b}, MNG⁺¹⁸, PVIM18, PPK⁺¹³, YDO⁺¹⁶, ZCCN13]. **event** [BGC⁺¹⁷, BVT⁺¹⁸, BVL⁺¹⁸, DABO⁺¹⁷, FSC⁺¹⁶, KHLL16, LEM⁺¹⁹, MMW⁺¹⁵]. **events** [CdAPdC⁺¹⁹, GVB^{+17a}, PTM⁺¹⁹]. **Evidence** [AHAMR⁺¹⁹, CZB⁺¹¹, RDN⁺¹², RGD⁺¹³, VME⁺¹⁹, YTKS19, ZN10, APP⁺¹⁷, CSS⁺¹⁶, CRO⁺¹⁸, COB⁺¹⁶, DJQ⁺¹², DCMM13, GB18, GFW⁺¹⁰, HSC⁺¹⁶, IAR⁺¹⁰, vGJHS⁺¹¹, KYK⁺¹², KSA⁺¹⁰, MBS⁺¹⁷, MDC⁺¹⁸, MUM⁺¹⁹, ISCF⁺¹⁹]. **evolution** [SJ11, YGL⁺¹⁸]. **Examination** [MTA⁺¹⁵, HKF⁺¹⁶, JMhk18, MMMD16, MFES18]. **examining** [JSJR⁺¹⁹]. **excised** [GGW⁺¹¹]. **Exclusion** [AJLC⁺¹⁶]. **exercise** [GMC^{+16b}]. **exerts** [BSD^{+18d}]. **exhibit** [JGI⁺¹⁰]. **exilis** [RKPG16]. **exitiosa** [BLSG⁺¹⁶]. **exogenous** [Góm12]. **Exophiala** [CBH⁺¹⁵, ŘKH17, ŘKH18, SBP⁺¹⁹]. **Exophthalmia** [HFKF17]. **exopolysaccharides** [RBH⁺¹⁷]. **exotoxin** [RGD⁺¹³]. **expansion** [TALA11]. **experiencing** [GJM⁺¹⁵, NFF⁺¹⁷, RHZA⁺¹⁶]. **Experimental** [ABT⁺¹⁴, CAJD⁺¹⁸, CTK⁺¹⁰, DCMM13, FSV⁺¹⁸, ICVV16, vGJHS⁺¹¹, KS19, KF10a, LSA⁺¹⁵, MUM⁺¹⁹, SON⁺¹⁸, WKW⁺¹¹, ZCP12, AHHR⁺¹⁰, BSW17, Buc12, CJB⁺¹⁵, EDP⁺¹⁷, GFM⁺¹¹, GBSF12, GRF14, GRP⁺¹⁵, JAR⁺¹¹, KSA⁺¹⁰, LPA⁺¹⁰, LTG⁺¹⁸, MGM⁺¹⁸, MMMD16, MID^{+19b}, PBM⁺¹⁵, PNBK13, ŘKH18, RHB⁺¹⁵, SGB⁺¹⁶, TDS⁺¹⁹, WIC⁺¹⁹, YDO⁺¹⁶]. **experimentally** [ACN12, Ano12c, BSV⁺¹⁸, BSSB18, BSD^{+18b}, BSD^{+18c},

BSB⁺¹⁸, FCM⁺¹⁹, HGB⁺¹¹, JML19, KSM⁺¹⁷, LF16, MF12, MTA⁺¹⁵, MTAB15, RSIP⁺¹⁷, SSV⁺¹⁷, SFL⁺¹⁶, TJB⁺¹⁵, TSS18, VTM⁺¹⁴. **experiments** [FBAS16, KAEMSEM13]. **exploited** [LXX⁺¹⁷]. **exponential** [YGL⁺¹⁸]. **exposed** [Ano12c, CTK⁺¹⁰, FBK⁺¹⁶, FSO⁺¹⁰, HSGD11, KSA⁺¹⁰, KPM⁺¹¹, MF12, SCR⁺¹⁵]. **exposure** [BSW17, CAS⁺¹⁸, DDBC⁺¹⁵, GFM⁺¹⁶, GGW⁺¹¹, HCCM12, HKBD15b, HGG⁺¹¹, IPW⁺¹³, MMMD16, PÁD18, TMC⁺¹², VCN⁺¹⁰, VMCM14]. **exposures** [WNO⁺¹⁸]. **expressed** [JKC⁺¹¹, LSA⁺¹⁵, OJRL10, SSV⁺¹⁰, TMM⁺¹⁵]. **expresses** [CGW⁺¹⁹]. **expressing** [EBM⁺¹⁸, ZXW⁺¹²]. **Expression** [ACYC10, PRSK10, PMK12, ZWY⁺¹¹, AMA11, BPK⁺¹⁷, CLWJ13, CKJ⁺¹⁴, CG11, CDG⁺¹⁴, DMD⁺¹⁷, EDN18, FBVC16, IPW⁺¹³, JKH⁺¹⁷, JJS⁺¹², LCV⁺¹⁷, NSE⁺¹⁷, NMIY14, NYRS12, RBM⁺¹⁶, RHVG^{+19b}, RSPA⁺¹⁸, SHKF16, SCK13, SWD⁺¹⁴, SJSJA⁺¹⁴, TvWO⁺¹⁶, UKS⁺¹⁸, WCL⁺¹², YK12, YYW⁺¹⁴]. **extant** [GRP⁺¹⁵]. **external** [AJLK⁺¹⁸, DPD⁺¹⁸, HCEH16, JMhk18, PDLW17]. **extra** [WCW16a]. **extracellular** [BGG11]. **extract** [BAH⁺¹⁶, HDC18, MSCH14]. **Extraction** [LRD⁺¹⁹]. **extracts** [YLX^{+19b}]. **Extreme** [CBM⁺¹⁷, NNCLGC⁺¹¹]. **extremely** [SVL⁺¹⁷]. **Exuberant** [HSHC⁺¹⁶]. **eye** [PAM⁺¹⁹, SM14].

F [BWM⁺¹³, PBC15]. **F-fluorodeoxyglucose** [BWM⁺¹³]. **F-type** [PBC15]. **F.** [GDW⁺¹⁵]. **Fabaceae** [VDO^{+18a}]. **Fabricius** [DCMM13, DBM⁺¹⁴, FSO⁺¹⁰, JJS⁺¹², RDN⁺¹², STS⁺¹⁵]. **facilities** [VPP⁺¹²]. **facing** [GAVC16]. **factor** [BRB⁺¹², KREM14, LSC⁺¹⁴, PLCC11, SSJ⁺¹⁹, YAHWU11, ZKL⁺¹⁹]. **factor-Tu** [PLCC11]. **Factors** [CHAB10, HGG⁺¹¹, TES16, BHF13, DSSB18, DSSB19, DIVC16, FMB⁺¹¹, JSJR⁺¹⁹, KAS⁺¹⁸, MMMD16, RMS⁺¹³, ZZC⁺¹⁷, ZJDL18]. **facultative** [AHAMR⁺¹⁹]. **faeces** [GCNB18, GBSF12]. **fairy** [SHW⁺¹¹, SHS14]. **fallowing** [OM10]. **families** [JAR⁺¹¹]. **family** [CSS⁺¹⁶, MNG⁺¹⁸, UN10]. **fan** [ZJDL18]. **fantail** [CDM⁺¹⁶]. **fario** [BSPS⁺¹⁸]. **farm** [AZSSZZ13, AdOG⁺¹⁷, BPK⁺¹⁷, BVG⁺¹⁰, EWRH13, KTP⁺¹⁵, KDA⁺¹⁸, LLH^{+14b}, RRC⁺¹⁷, SMM⁺¹³]. **farm-raised** [AdOG⁺¹⁷, KTP⁺¹⁵]. **farmed** [ATP⁺¹⁶, AGR⁺¹⁶, AGFG19, ATP⁺¹⁷, AHTCA⁺¹⁷, BVK⁺¹⁶, BHO⁺¹⁹, BO15, BMH⁺¹⁹, BGCKF12, CGP⁺¹⁹, CRAG⁺¹², DTM⁺¹⁰, DWP⁺¹⁹, DPD⁺¹⁸, FKB⁺¹⁴, FMH⁺¹⁵, FSB^{+18c}, FCS⁺¹⁸, GRB⁺¹⁷, GBO⁺¹⁸, GGH⁺¹⁰, GFR⁺¹², GCGR13, HKK^{+11b}, HKD⁺¹⁰, HPY⁺¹³, IAR⁺¹⁰, JCS11, JHRW17, JHGR13, KAS⁺¹⁸, KOB⁺¹⁷, KYK⁺¹², KAST17, MKI⁺¹⁵, MSMM19, MLMR16, MLER⁺¹⁸, MMB⁺¹⁵, MCSM17, MRSC13, MSR⁺¹⁰, MHNY18, MKH⁺¹¹, MGH⁺¹⁴, MCW⁺¹⁸, MNM⁺¹⁸, MNM⁺¹⁹, NOV⁺¹¹, NMM⁺¹⁸, OGI⁺¹⁸, PdLC19, PRT⁺¹⁴, PGF⁺¹⁹, QXW14, QPB⁺¹⁶, ŘKH16, RFA⁺¹⁴, RMSH09, SMR10, SCD19, SDWA18, SDM⁺¹⁹, SPS⁺¹⁷, SKJ13, SSA13, SNK⁺¹⁹, Tre12, VDMJ⁺¹³, WMM⁺¹⁶, WNAJ⁺¹⁶, YLL⁺¹⁸, YAHWU11, YP17, ZCCN13, ZNHC11a, ZNHC11b, ZZA⁺¹⁴, ZSZF16].

farming [BNS13, HSA17, JJB15, JR19, TAQ⁺10]. **farms** [BPK⁺17, BAH⁺18, CLS⁺15, CdAPdC⁺19, EWRH13, FLC⁺17, Gis18, GFW⁺10, ISCF⁺19, MSBB⁺16, MSK⁺12, MCO11, NB11, NRF⁺18, NFF⁺17, OM10, SVM⁺18, SJK⁺14, SVY⁺14, WDM⁺15]. **Faroe** [Gis18]. **fasciatus** [JJV⁺15, OKS⁺13]. **fast** [MLWC11, Sla14]. **fat** [RRG⁺19, SHV⁺16]. **fatal** [FSM⁺16]. **fate** [BSWS11]. **fathead** [AHHR⁺10, CXW⁺19, JBGP11, MGN⁺16, PPF⁺12, WBD⁺10b]. **fatty** [DTF⁺16, MLF⁺10]. **fauna** [HSA17]. **favoured** [EMA17]. **Fe** [PLCC11]. **Fe-S** [PLCC11]. **features** [BOH⁺12, DMD⁺17, FFLC17, RAM⁺17, VFB⁺12]. **fecundity** [USM17]. **fed** [BSD⁺18d, TMC⁺12]. **feed** [AA10, ESA⁺10, JKL⁺13, KSM⁺17, NFA15, PPI⁺13, PFC⁺13, RHB⁺15, XKB12, dOAPLá⁺17]. **feeding** [JSAH⁺18, SJSA⁺14]. **feeds** [CBW19, NPGA⁺19, PNBK13]. **female** [DBS12, RAM⁺17, ZDWH18]. **fenbendazole** [FHD13]. **Fenneropenaeus** [NRMS14, WLX⁺10]. **fennicus** [VDH19]. **feral** [AAUHW15]. **fermented** [LKS⁺13]. **Ferreira** [HSGD11]. **ferritin** [NRMS14]. **fibroblast** [KLW10, SSG⁺19, VBL⁺16]. **fibroblastoid** [VKK⁺19]. **fibroblasts** [DJQ⁺12]. **fibromas** [BCW⁺15]. **fibrosarcoma** [DD15]. **Field** [MMD16, OTN⁺12, BSBH10, BWP⁺19b, FSG⁺12, HH13b, HBB⁺15, HKB⁺16, JMS13, LTG⁺18, MRR⁺14, RNM⁺12, TAC15, WWE⁺13]. **field-collected** [WWE⁺13]. **fighting** [RhAS⁺15]. **filaments** [MGM⁺16]. **Filifolinone** [PVIM18]. **fillets** [TWNB⁺12, TRS19]. **Filtration** [BRL⁺13]. **fin** [ASSP⁺15, BNC⁺11, CLL⁺10, FPK⁺17, GGW⁺11, KLW10, LJC⁺19, MSC⁺17, PWHW18b, SSG⁺19, VBL⁺16, YNL11]. **fin-derived** [SSG⁺19]. **findings** [STS⁺15]. **fine** [DPC⁺10]. **finfish** [WBD10a]. **fingerlings** [PYSS19, SSSP18]. **fingerprinting** [CYS17]. **Finland** [IAR⁺10]. **Finstad** [JCN⁺14]. **First** [ARR⁺18, BLdA⁺18, BRMG13, BQP12, BBL⁺16, BMMP⁺14, BMA13, BVT⁺18, CTD⁺12, CWW⁺18, CSA⁺15, DML⁺16, EPA⁺10, GRB⁺17, GGH⁺10, HSC⁺16, HHC⁺18, HKF⁺16, IGLG⁺17, KMGK⁺18, KPK⁺18, KDP⁺17, LFSZ18, LYL⁺18, LL12, LPVGL⁺10, MdOO16, MFES18, MVWS13, MDC⁺18, MHNY18, MCCN14, MNM⁺19, OGI⁺18, OCLI⁺19, PSVK⁺18, RHZA⁺16, RBF14, RPJ⁺18, SPP⁺18, SFBW⁺17, SPS⁺17, SMV⁺14, SdMVS⁺16, SWE⁺19, VDD⁺18, WBE⁺17, ZxYJ⁺19, ZCC18, dSRSHGá⁺19, APP⁺17, GL18, GKCC⁺12, HST⁺13, JDRM17, LUP⁺18, TIK⁺14a]. **Fish** [Buc12, DPADO16, KPSP⁺19, Loh13, ADMF15, ACAS14, AJLK⁺18, AAUHW15, AFTEML19, AHITC18, AHAMR⁺19, BSD⁺18c, BSB⁺18, BKS⁺17, BHF13, BPMI⁺16, Bin14, BFJ11, BCL⁺19, BMBS12, BGC⁺17, BWNS⁺11, BW18, BMMP⁺14, BGD⁺17, BFFA⁺12, BNS13, BWM⁺13, BMA13, CDM⁺13, CHH⁺14, CDF⁺18, CMSHS16, CD17, ÇOÇ⁺16, CGCAH12, dSCBdS⁺16, Dal18, DTM⁺10, DBV⁺13, DZC⁺16, DMD⁺17, DLCF13, DSA⁺12, DAB⁺12, DMK⁺19, DSJA18, EKT⁺11, EBM⁺18, ERÁpSB14, EPCSBP18, FBS13, FBAS16, FBK⁺16, FLVA10, FMA⁺19, FMB⁺11, FCS⁺18, GCNB18, GFB⁺13, GJK⁺11, GJMH17, GOM⁺19, GM10,

GMN12, GWM12, GCGR13, GDN⁺¹⁶, HCCM12, HSA17, HGG⁺¹¹, HY16, HGB⁺¹¹, HAS⁺¹⁹, HWO⁺¹⁷, ISCF⁺¹⁹, JDRM17, JSJR⁺¹⁹, KHC⁺¹⁸, KOI⁺¹⁴, KFK⁺¹⁶, KZJ⁺¹⁷, LFSZ18, LITCAH19b, LFH⁺¹¹, LL12, LLH^{+14b}, LHW^{+15a}, LDEH17, LRMN17, MYWC18, MGM⁺¹⁸, MFHHG18, ME12, MKK⁺¹¹, MLWC11]. **fish** [MR11, MJ17, MTHB13, MoSMS18, MSK⁺¹², MMNL14, NN11, NFA15, NFF⁺¹⁷, NMIY14, NSC⁺¹⁵, NHM⁺¹⁰, OT12, OJRL10, PPSW19, PKPG15, PKLH19, PSCFB⁺¹⁸, PNBK13, PRY⁺¹⁸, PBW⁺¹⁸, RHS⁺¹², RHST⁺¹⁶, RhMM⁺¹⁵, RhAS⁺¹⁵, RhMV⁺¹⁵, RAM⁺¹⁹, RRC⁺¹⁷, RRO⁺¹³, RAS⁺¹⁰, RCD⁺¹⁷, RHBMM13, RE14, SJDC⁺¹³, SMF⁺¹⁰, SSHEM11, SZM⁺¹⁵, SCK13, SWD⁺¹⁴, SMJ⁺¹⁴, Spe19b, SMS⁺¹⁸, SKB10, SKJ13, SN14, SSO⁺¹⁴, TIK^{+14a}, TSS18, TWJP10, TAQ⁺¹⁰, TQW⁺¹⁴, TMWV14, VMCM14, VCR⁺¹¹, VC17, VME⁺¹⁹, WDM⁺¹⁵, WMM17, WMD⁺¹⁸, WYZ⁺¹⁹, WKW13, WNCR12, ZZC⁺¹⁷, ZHFC11, ZGY⁺¹⁸, ZXW⁺¹², Spe19a]. **fish-farming** [BNS13, TAQ⁺¹⁰]. **fish-myxozoan** [EPCSBP18]. **fish-pathogenic** [CHH⁺¹⁴, FLVA10]. **fish-to-fish** [HGG⁺¹¹]. **fishable** [MMG⁺¹¹]. **fishery** [MMG⁺¹¹, TJR⁺¹⁸]. **fishes** [ARL⁺¹⁷, AAZS⁺¹⁵, FDL⁺¹⁷, KPT⁺¹¹, MA16, PAZ18, RWTB17, RBR19]. **fishpathogens.eu** [MPJ⁺¹⁵]. **fishpathogens.eu/noda** [MPJ⁺¹⁵]. **five** [BOH⁺¹², BBP18, THW⁺¹²]. **fixation** [CBLN13, CMS⁺¹⁷]. **fixed** [FGR⁺¹², WWE⁺¹³]. **fixed-dose** [WWE⁺¹³]. **fjord** [KAST17, SVY⁺¹⁴]. **flagellar** [YK12]. **flat** [BLSG⁺¹⁶]. **flavescens** [KHELL16, OEG⁺¹³, PHvdH12, SGQ⁺¹⁵]. **Flavobacteria** [ATJS⁺¹⁸, LF18]. **Flavobacterium** [BBF⁺¹⁵, BLF⁺¹⁶, BMA13, BLFC12, CHV⁺¹², CAJD⁺¹⁸, DBS12, DBV⁺¹³, DMP10, DJR⁺¹⁹, DLPR15, DSLR16, FDL⁺¹⁷, FNISE12, GLW⁺¹⁸, GCW17, GPL⁺¹², GDW⁺¹⁵, HKBD15a, HKBD15b, HJN⁺¹⁹, HRNW15, JDH⁺¹⁸, JML19, KSS⁺¹⁵, LLC⁺¹¹, LWWS14, LGD⁺¹⁷, LGS19, LFD⁺¹⁷, LZZN10, LLL⁺¹², LF16, LPCC12, MBS^{+19a}, MBOC19, NN11, NSB⁺¹⁸, NOV⁺¹¹, OFA11, OBD⁺¹¹, PDLW17, PLCC11, PFJ⁺¹⁰, RHB⁺¹⁵, SDWA18, dASLS⁺¹⁹, SL15, SLPB18, SEK⁺¹⁶, SWE⁺¹⁹, SBW11, SW11, TQW⁺¹⁴, WSA⁺¹⁸]. **FLIV** [JLJ16]. **Florfenicol** [DdRTM13, FHZ⁺¹⁶, JML19, RHTC19b, RSH11, SKGE13, YVM⁺¹⁴, dOAPLá⁺¹⁷]. **Florida** [BA13]. **flounder** [DBHC17, HKK^{+11b}, JKC⁺¹¹, JLJ16, KKK⁺¹⁸, LKS⁺¹³, LPC⁺¹⁸, SSJ⁺¹⁹, TOK⁺¹⁶, WWS⁺¹¹]. **flow** [BRL⁺¹³, CHB⁺¹⁷, PSK⁺¹³, WSX⁺¹⁸]. **flow-through** [PSK⁺¹³]. **flower** [RHST⁺¹⁶, RhMM⁺¹⁵, RhMV⁺¹⁵]. **fluorescence** [AS17, DXX⁺¹⁵, KTK17, LGC⁺¹⁹]. **fluorescence-based** [AS17]. **fluorescens** [GPFAG19]. **fuoro** [SRD⁺¹⁶]. **fluorodeoxyglucose** [BWM⁺¹³]. **fluviatilis** [BGRB14, BGCKF12, CGP⁺¹⁹, PBM⁺¹⁵, RPM⁺¹⁹, SKPS16, VPP⁺¹²]. **focal** [BHO⁺¹⁹]. **folifer** [BCJ13]. **follicles** [CZB⁺¹¹]. **follow** [BMGS17, PPI⁺¹³]. **follow-up** [BMGS17, PPI⁺¹³]. **following** [ASSP⁺¹⁵, BSW17, CRS⁺¹³, ECP⁺¹⁰, FGJ⁺¹⁰, GVB^{+17a}, GMC^{+16b}, GBSF12, HCCM12, IPW⁺¹³, JAJC⁺¹⁸, LWJ⁺¹⁶, MBS^{+19a}, MMG⁺¹¹,

PSK⁺¹², PFC⁺¹³, TWNB⁺¹²]. **follows** [KDA⁺¹⁸]. **fomites** [PJL⁺¹²].
fontinalis [DGS⁺¹⁴]. **Food** [LDÁM14, SNM⁺¹⁶]. **foodborne** [TOK⁺¹⁶].
foraging [BND⁺¹⁷]. **foreign** [LL11]. **fork** [DD15]. **fork-tailed** [DD15].
formalin [FGR⁺¹²]. **formalin-fixed** [FGR⁺¹²]. **formation**
 [DSSB18, DSSB19, LFD⁺¹⁷, LITCAH19b, LTC17, SFR⁺¹⁷, SW11].
formerly [MJ17]. **forming** [CD17]. **formosus** [KVC⁺¹⁶]. **forms** [SQC⁺¹⁴].
Forsskål
 [DTM⁺¹⁰, LQY11, LSC⁺¹⁴, LSA⁺¹⁵, LMM⁺¹⁵, LMM⁺¹⁶, SGR⁺¹⁸, Wen16].
Forster [ABC⁺¹⁰, CB13]. **fortis** [WZQ⁺¹⁶]. **fortuitum** [PBW⁺¹⁸]. **fosteri**
 [SFF⁺¹⁷]. **found** [AHTCA⁺¹⁷]. **Fouquet** [vGJHS⁺¹¹]. **four**
 [KKT^{+18a}, NWMK16, XKB12]. **Fourier** [WNCR12]. **fractions** [LLC⁺¹¹].
fracture [FvdMF⁺¹⁸]. **France** [BVL⁺¹⁸, BBL⁺¹⁶]. **franciscana**
 [TNK12, WBF⁺¹⁰]. **Francisella** [ATP⁺¹⁷, BFJ11, CDM⁺¹³, GIW⁺¹¹,
 KBTMH⁺¹⁶, PLC^{+19b}, SPKS17, SKGE13]. **francisellosis**
 [AdOG⁺¹⁷, KBTMH⁺¹⁶, RPMRLJ⁺¹⁹, RBWR⁺¹⁵]. **Frank** [Cip11]. **Fraser**
 [BLP10]. **Fredericella** [KAEM13]. **free**
 [HKF⁺¹⁶, MB17, MPJ⁺¹⁵, YSV⁺¹³]. **free-swimming** [HKF⁺¹⁶]. **freedom**
 [JKS⁺¹³]. **Freeman** [MRSC13]. **French** [DTM⁺¹⁰]. **frequency** [LRS⁺¹⁷].
fresh [JZK⁺¹⁴, MSR⁺¹⁰, NOV⁺¹¹, WNGS⁺¹⁷]. **freshwater**
 [ADMF15, ACA⁺¹⁶, AAV⁺¹⁶, Ano10c, ACM⁺¹⁴, BAD⁺¹², BMMP⁺¹⁴,
 CJB⁺¹⁵, DXX⁺¹⁵, FMT⁺¹⁴, GB18, GTT⁺¹⁷, GGH⁺¹⁰, GJMH17, JTW⁺¹⁰,
 LFSZ18, LL12, LYKN18, MRR⁺¹⁴, MdOO16, MSK⁺¹², NHM⁺¹⁰, PPSW19,
 PKPG15, RNM⁺¹², RWTB17, VPP⁺¹², WMM⁺¹⁶, WOD16, WNO⁺¹⁸].
freshwater- [GTT⁺¹⁷]. **freshwaters** [SMJ⁺¹⁴]. **FRET** [SMF⁺¹⁰]. **frog**
 [DPADO16]. **Front** [MBS^{+19b}, RHVG^{+19a}]. **frozen** [TRS19]. **fry** [CJB⁺¹⁵,
 DSLR16, GCM^{+18b}, HKBD15b, KEY⁺¹⁵, PDLW17, SCR⁺¹⁵, WKK12].
FTA [PSK⁺¹³]. **Full** [NRMS14, NDA⁺¹⁹]. **Full-length** [NRMS14].
function [BMD⁺¹⁴, JBGP11]. **functional** [WCL⁺¹⁹, ZZQ⁺¹⁹]. **Fundy**
 [NRF⁺¹⁸]. **funnebris** [BCG⁺¹⁷, CHF⁺¹²]. **funga** [ŘKH16]. **fungicide**
 [MMMD16]. **fungus** [SMFM12]. **furcatus** [LTC⁺¹⁴, XKBC12]. **furnieri**
 [MPM16]. **Further** [KWGS19]. **furunculosis** [GGH⁺¹⁰]. **Fusarium**
 [KDP⁺¹⁷]. **fuscoguttatus**
 [SSF⁺¹⁷, LSC⁺¹⁴, LSA⁺¹⁵, LMM⁺¹⁵, LMM⁺¹⁶, NDA⁺¹⁹, Wen16, ZDWH18].
fusions [DWP⁺¹⁹]. **future** [ZGY⁺¹⁸].

g [LSC⁺¹⁴, CGW⁺¹⁹, LZZN10]. **Gadus** [BSWS11, BMGS17, BK12,
 FvdMF⁺¹⁸, GIW⁺¹¹, GGGM14, HLHS11, HKD⁺¹⁰, HFKF17, MVM⁺¹⁸,
 MBB12, OBD10, PG16, RBWR⁺¹⁵, Sam10, ZCP12]. **Gaimard**
 [CCMA⁺¹⁷, PC17, WCW^{+16b}]. **Galicia** [DIVC16, RAVC18]. **gamete**
 [LST⁺¹²]. **gametes** [KSA⁺¹⁰]. **GAPDH** [ZXW⁺¹²]. **garipepinus**
 [DAO19, HGPD11, HOHG13, LvD18, OOO⁺¹¹, OAO⁺¹², SRT⁺¹⁴, TMWV14].
garlic [MSCH14, NDA10]. **Garman** [AFA⁺¹²]. **Garra** [VME⁺¹⁹]. **garvieae**
 [ABT⁺¹⁴, CLT⁺¹⁴, DPMK12, FLC⁺¹⁷, HY16, PSBG⁺¹¹, TAC15]. **Gas**
 [SBHC18, RPJ⁺¹⁸]. **Gasterosteus** [ASW16, PJZB19, WFH⁺¹⁸]. **Gastric**

[LWMT10, dSdAdS⁺19, BB11, LL11]. **gastroenteritis**
 [DPTFC10, DPTCF10, RBL⁺11]. **gastrointestinal** [ABF15, BLFC12]. **GBS**
 [BFFA⁺12]. **GC** [ZCJ⁺18]. **GC-MS-based** [ZCJ⁺18]. **GCRV** [ZWG⁺18].
gel [TAC15]. **Gene**
 [RHVG⁺19b, AMA11, CLWJ13, CCLL16, CGW⁺19, CGG⁺10, CKJ⁺14,
 CKTT10, dJDAVRGM⁺18, EDN18, FMA⁺19, JJS⁺12, LCV⁺17, LCC⁺15,
 LXZ⁺19, MPBM⁺16, MNG⁺18, NSE⁺17, OBR⁺14, QZZ⁺18b, RB15,
 RSPA⁺18, SWD⁺14, TMM⁺15, UKS⁺18, YYW⁺14, ZWY⁺11, ZZQ⁺19].
gene-encoded [CGW⁺19]. **generated** [SK15, SEK⁺16]. **Generation**
 [CHB⁺17, DWL⁺17, LMM⁺16]. **genes**
 [BCLM⁺19, BGC⁺17, CIL⁺17, COB⁺16, CDG⁺14, FVAVMGE18, FCL⁺19,
 JKH⁺17, LWWS14, LZZN10, LMM⁺15, LMM⁺16, NRMS14, OJRL10,
 SSV⁺10, SJS⁺14, TvWO⁺16, YK12]. **Genetic**
 [DMP10, HJT⁺16, KTP⁺15, MPBM⁺16, SDZN19, TOK⁺16, TCM⁺19,
 TWYC15, WM19, WNAF⁺13, WSA⁺18, ASB⁺12, BFC⁺15, COB⁺16,
 DZV10, DLPR15, ISCF⁺19, KNN19, LDEH17, NWMK16, RGMGG⁺18,
 SDWA18, SMC⁺11, VCS⁺19, VST⁺19, ZFZ⁺11]. **genetically** [JAR⁺11].
genogroup [ISCF⁺19]. **genogroups** [ABVS18, KWD⁺16]. **genome**
 [BFC⁺15, IBFL19, KKM⁺19, RKK⁺19, ZxyJ⁺19]. **genomes**
 [BHF13, YEK⁺17]. **Genomic**
 [DZC⁺16, RVC18, GBO⁺18, JGI⁺10, LCV⁺17, LLLG18, TCS19, YMH⁺11].
genomovar [BMA13, GLW⁺18, LWWS14, LGD⁺17, SL15]. **genotoxicity**
 [BA14]. **genotype**
 [Ano12c, CVLJ⁺10, CCW⁺15, CWW⁺18, GJVT⁺11, GVC⁺19, KF10a,
 KKK⁺18, LRD⁺19, MF12, VCS⁺19, VBL⁺16, WKW⁺11, ZWG⁺18].
genotypes [HB12, MMWK19, RPGCIG17, TDS⁺19, VLVS⁺16, VDHV⁺16].
Genotypic [DMK⁺19, PPSW19, WMD⁺18]. **genotypical** [PKPG15].
Genotyping [CLLF14, FSB⁺18c, BBC⁺10, FNISE12, LGS19]. **genus**
 [NSC⁺15]. **Genypterus** [IGLG⁺17]. **geographic**
 [AGFG19, GRG⁺16, SHO⁺17]. **Geographical**
 [GFR⁺12, CRS⁺13, DMK⁺19]. **geranyl** [PVIM18]. **Germany**
 [AHJS⁺18, BGRB14, KAST17]. **GFP** [RGD⁺12]. **GFP-labelled** [RGD⁺12].
Ghanaian [VJWC⁺18]. **Ghar** [YMBE13]. **giant**
 [BFFA⁺12, DCMM13, DBM⁺14, FMT⁺14, GHW⁺15, LYKN18]. **gibbosus**
 [LDEH17]. **gibel** [LJHG14, YLW⁺14, ZWLG10, ZYW⁺10]. **gibelio**
 [KJW⁺17, LJHG14, LLL⁺13, WXL16, YLW⁺14, ZWLG10]. **GICA**
 [LXX⁺17]. **gigas** [GVLE16, GCCLRP⁺13, HPY⁺13]. **Gilbert**
 [DBHC17, WWS⁺11]. **Gill** [BGRB14, MRSC13, MCO11, VCLW16,
 WNGS⁺17, ACN12, AHPR⁺16, ABC⁺10, BCLM⁺19, BPCS19, BLP10,
 CONN10, DYML⁺18, DT16, FGR⁺12, GGGM18b, GTT⁺17, GCM⁺18b,
 GDW⁺15, GFS⁺14, LDA⁺19, MLER⁺18, MR11, MGM⁺16, MCCN14,
 NBJ10, OSAA18, PGF⁺19, QPB⁺16, TCC10a, WNO⁺18]. **Gill-associated**
 [MCO11]. **gills** [CBLN13, FMM⁺19, HKBD15a, vGJHS⁺11, KSM⁺17,
 KVC⁺16, MAOS⁺18, WNMK⁺16]. **gilthead** [ACSB⁺19, BC11, CVLJ⁺10,

CVGR⁺¹³, CCME16, DPCdR14, RHVG^{+19b}, TPD⁺¹⁹, LGS⁺¹⁴]. **ginbuna** [NSS⁺¹⁷]. **Ginsburg** [DSMC17, LKT⁺¹³]. **Girard** [DXX⁺¹⁵, PSK⁺¹²]. **GIS** [AGFG19]. **GIT** [ABF15]. **GIV** [LCC⁺¹⁵]. **GIV-2L** [LCC⁺¹⁵]. **gives** [SWS⁺¹⁶]. **gland** [SBHC18]. **glanis** [MAOS⁺¹⁸]. **glassfish** [Góm12]. **gleaned** [MJ17]. **Global** [SJ11]. **globalis** [SAS⁺¹⁹]. **glomerular** [DBHC17]. **glomerulonephritis** [LWMT10]. **glucan** [JSAH⁺¹⁸, SJSA⁺¹⁴, UKS⁺¹⁸, YSHG18]. **glucans** [KBE⁺¹⁴]. **glucidic** [LDÁM14]. **Glugea** [ZCC18]. **glutaraldehyde** [MoSMS18]. **glycogenation** [TIK^{+14b}]. **Glycolic** [ASHZ⁺¹²]. **Glycophorin** [AI11]. **glycoprotein** [ÇOÇ⁺¹⁶, EBM⁺¹⁸, HLL⁺¹², IPW⁺¹³, MPBM⁺¹⁶]. **glycoprotein-based** [ÇOÇ⁺¹⁶]. **glycosylation** [FE11]. **Gnathia** [HSGD11]. **gnotobiotic** [RGD⁺¹²]. **gnotobiotically** [WBF⁺¹⁰]. **goby** [GFB⁺¹⁹, WZL⁺¹¹]. **goes** [BSW17]. **gold** [KVC⁺¹⁶, LXX⁺¹⁷, SSHEM11]. **golden** [AZSI⁺¹², CWL⁺¹⁷, HBB14, KHC⁺¹⁸, LYL⁺¹⁸, SM14, SWD⁺¹⁴]. **goldfish** [AHJS⁺¹⁸, BSK⁺¹⁰, BBL⁺¹⁶, GAEK⁺¹⁴, LCR⁺¹⁰, RMAM12, WIC⁺¹⁹, YNL11]. **goldlined** [SGR⁺¹⁸]. **goldring** [WA14]. **goldsinny** [BT14]. **goldsmidi** [ABC⁺¹⁰]. **gonads** [VMCM14]. **gondii** [SZM⁺¹⁵]. **Goode** [CHF⁺¹²]. **Gorbulonova** [ME12]. **gorbuscha** [BPPKJ10, SMJ⁺¹²]. **gourami** [RWTB17]. **Goussia** [dSdAdS⁺¹⁹]. **governs** [FE11]. **gracilis** [YSHG18]. **grade** [VPCM19]. **gradient** [DLCC⁺¹³]. **Gram** [BHA⁺¹¹, THW⁺¹²]. **Gram-negative** [THW⁺¹²]. **Gram-positive** [BHA⁺¹¹]. **granular** [RVC18]. **granulation** [HSHC⁺¹⁶]. **granulomas** [AJLC⁺¹⁶, JK12, ZZA⁺¹⁴, ZWG⁺¹⁷]. **Granulomatous** [MTLP^{+18b}, VPS⁺¹⁴, CPP14, NHM⁺¹⁰, dSRSHGá⁺¹⁹]. **grass** [GCWB11, LLL⁺¹², LXHL11, WCR⁺¹⁸, YYW⁺¹⁴, ZWG⁺¹⁸]. **Great** [FDL⁺¹⁷, KF10b, GMP⁺¹¹, RBF14, EKED⁺¹⁷, KF10a, OEG⁺¹³, WKW⁺¹¹]. **greater** [MKH⁺¹¹, dSRSHGá⁺¹⁹]. **Greek** [BCL⁺¹⁹]. **Green** [TCFáS19, BCG⁺¹⁷, KTK17]. **Grenada** [HHM⁺¹⁴]. **grey** [BK12, PMBM13]. **GroEL** [KREM14]. **gross** [DPTCF10, LFP^{+11a}, LFP^{+11b}]. **grounds** [BK12]. **group** [BVL⁺¹⁸, CDD⁺¹⁸, EMA17, GAC10, VBL⁺¹⁵]. **grouper** [BFFA⁺¹², CBH⁺¹⁵, CCLL16, CGG⁺¹⁰, DDBC⁺¹⁵, FHZ⁺¹⁶, GHH⁺¹¹, GHW⁺¹⁵, HLC⁺¹⁵, HHX⁺¹⁵, KKK⁺¹⁸, LCC⁺¹⁵, LSC⁺¹⁴, LSA⁺¹⁵, MRN⁺¹⁹, MSI⁺¹⁵, NNC⁺¹⁸, NDA⁺¹⁹, OTN⁺¹², OKS⁺¹³, PMP⁺¹⁸, RBS⁺¹⁶, RSF⁺¹⁷, Wen16, WCL⁺¹², XJL⁺¹⁹, YLX^{+19b}, ZLN⁺¹⁷, ZDWH18]. **groupers** [KCD⁺¹⁴, LXL⁺¹⁸, SSF⁺¹⁷, XLZ⁺¹⁷]. **groups** [RB15]. **grow** [KDA⁺¹⁸]. **grow-out** [KDA⁺¹⁸]. **grown** [WBF⁺¹⁰]. **Growth** [MB17, NN11, ACA⁺¹⁶, CAS⁺¹⁸, CDG⁺¹⁴, DSSB18, DSSB19, GBO⁺¹⁸, HMP⁺¹², LKS⁺¹³, LWZ⁺¹⁸, MLWC11, MPS⁺¹⁸, OLT⁺¹⁰, PMW⁺¹⁰, PMH⁺¹¹, RHB⁺¹⁵, STF⁺¹⁵, SLPB18, SFU⁺¹³, VDHV⁺¹⁶, WKW13]. **grunter** [KRD⁺¹⁷, LLH^{+14b}]. **guamaensis** [dSdAdS⁺¹⁹]. **Guangxi** [LYL⁺¹⁸]. **Gubanov** [CIA⁺¹⁸]. **gudgeon** [MKK⁺¹¹]. **gueldenstaedtii** [RFA⁺¹⁴]. **Guichenot** [IGLG⁺¹⁷]. **guidelines** [HHO14, LTM⁺¹⁹]. **Guilford** [SGQ⁺¹⁵]. **guitarfish** [AFA⁺¹²]. **Guitart** [ABM⁺¹⁵]. **Gulf** [BB11, DBHC17, GCCLRP⁺¹³, PJZB19]. **Günther**

[Dig13, Dig15, IOO15, Pol15, RBF14, SRT⁺¹⁴, XJL⁺¹⁵, YCNW18, ZQB⁺¹¹].
guppies [BCM⁺¹⁷, LCOZ10]. **guppy** [SPLV⁺¹⁵]. **Gut**
 [JKL⁺¹³, DCZ⁺¹⁷, RBL⁺¹¹]. **guttulatus** [BQP12]. **Gymnocephalus**
 [MGM⁺¹⁶]. **Gymnocorymbus** [SHAM14]. **Gymnothorax**
 [BCG⁺¹⁷, CHF⁺¹²]. **Gymnotus** [DMD⁺¹⁷, VMCM14]. **Gymnura** [BCJ13].
gyrA [HBB⁺¹⁵]. **gyrodactylid** [YEK⁺¹⁷]. **Gyrodactylus** [GAC10, HHO14,
 HKG⁺¹⁵, KHG⁺¹⁷, LP17, PHVM13, PB18, WKK12, YEK⁺¹⁷].

H [ZB12, NRMS14]. **H6** [AJLK⁺¹⁸]. **Haan** [ZSZF16]. **habitats**
 [OMO⁺¹⁵, YkSKY13, ZYW⁺¹⁰]. **haddock** [JHM⁺¹⁸]. **haem** [OJRL10].
haemal [FvdMF⁺¹⁸]. **haemangioma** [SMD⁺¹²]. **Haematological**
 [KPM⁺¹¹]. **Haematopoietic** [LLL⁺¹³, ASHZ⁺¹², EBM⁺¹⁸, JSK⁺¹⁰,
 MNM⁺¹⁹, PMW⁺¹⁰, PMH⁺¹¹, PBM⁺¹⁵, SJDC⁺¹³, YHY⁺¹⁶]. **haemic**
 [MMMD16, MMD16]. **haemocyte** [TDLT⁺¹⁶, TDT⁺¹⁶]. **haemocytes**
 [FBVC16]. **haemoglobin** [UN10]. **Haemogregarinidae** [MdOO16].
haemolysin [DJQ⁺¹²]. **haemolytic** [MFS⁺¹⁷, OAO⁺¹²]. **haemorrhage**
 [PWW19]. **haemorrhagic** [AHRH⁺¹⁰, AHPR⁺¹⁶, Ano12c, DPADO16,
 EKED⁺¹⁷, GJVT⁺¹¹, GFB⁺¹⁹, GGW⁺¹¹, GVC⁺¹⁹, HLL⁺¹², HGG⁺¹¹,
 HPAL10, JKS⁺¹³, KKK15, KF10a, KF10b, LVADB17, MMBS10, MF12,
 MMW⁺¹⁵, OEG⁺¹³, PBM⁺¹⁵, PJL⁺¹², RMS⁺¹³, SHJ⁺¹², SJ11, VLVS⁺¹⁶,
 VBL⁺¹⁵, VBL⁺¹⁶, WDM⁺¹⁵, WKW⁺¹¹, ZLX⁺¹⁹]. **Hafnia** [OSC⁺¹⁴]. **half**
 [XJL⁺¹⁵]. **half-smooth** [XJL⁺¹⁵]. **halibut** [BBP18, ONA10, RSH11].
Halieutaea [LZGZ16]. **Halocynthia** [KOS⁺¹⁰, PZL⁺¹⁴]. **Hamilton**
 [Bin14, CXK16, Góm12, KWGS19, KREM14, LHW⁺¹², LHW^{+15b}, MLR⁺¹²,
 SMD⁺¹², SM14, WCL⁺¹²]. **Hamilton-Buchanan** [Bin14, CXK16]. **hand**
 [SWS⁺¹⁶]. **handling** [GAVC16, KZJ⁺¹⁷]. **handy** [MPJ⁺¹⁵]. **haptor**
 [TGJCH15]. **harengus** [GJVT⁺¹¹, MMBS10]. **Harry** [LFSZ18]. **harveyi**
 [DJQ⁺¹², HBVB16, MKMY10, NNC⁺¹⁸, QWTL17, SSF⁺¹⁷, SNM⁺¹⁶,
 ZWY⁺¹¹, ZDWH18]. **hatch** [DPD⁺¹⁸]. **hatched** [SBM⁺¹¹]. **hatcheries**
 [TES16]. **hatchery** [AZSSZZ13, BRMG13, CONN10, DABO⁺¹⁷, FBS13,
 KDA⁺¹⁸, LF18, PDdC⁺¹⁴, SBP⁺¹⁹, WBE⁺¹⁷, XLZ⁺¹⁷]. **hatchery-bred**
 [XLZ⁺¹⁷]. **hatchery-incubated** [LF18]. **hatchery-reared**
 [BRMG13, CONN10, SBP⁺¹⁹, WBE⁺¹⁷]. **hatching** [VCLW16]. **Hawaiian**
 [WA14]. **Haworth** [BAH⁺¹⁶]. **Hb** [UN10]. **head** [AFTEML19, CWW⁺¹⁸,
 CHAB10, CSCCA14, Lek12, LRD⁺¹⁹, NNCLGC⁺¹¹, STG⁺¹⁰].
head-kidney [CSCCA14]. **healing** [SSG⁺¹⁹]. **health**
 [BMGS17, HBB14, OT12, RAS⁺¹⁰, TMWV14]. **healthy**
 [AI11, DPTFC10, GCCLRP⁺¹³, HOHG13, KSM⁺¹⁷, OSC⁺¹⁴, TWNB⁺¹²].
heart [FMH⁺¹⁵, GRT12, GHW⁺¹⁵, WHR⁺¹⁸]. **hearti** [YLW⁺¹⁴]. **hearts**
 [BOH⁺¹²]. **Heat**
 [LRC⁺¹⁸, RAS⁺¹⁰, DJQ⁺¹², MWRSK17, SNM⁺¹⁶, WBF⁺¹⁰, ZWY⁺¹¹].
Heat-inactivated [LRC⁺¹⁸]. **heat-shock** [SNM⁺¹⁶, ZWY⁺¹¹]. **heavily**
 [JMHK18]. **heavy** [QWTL17, QZZ^{+18b}]. **Heckel** [AFTEML19, VME⁺¹⁹].
held [KJB11, Sam10, WNGS⁺¹⁷]. **helminth** [BGD⁺¹⁷, ZPM⁺¹⁸].

helminth-infected [ZPM⁺18]. **helminths** [DPC⁺10, DCG18].
hematopoietic [CGW⁺19, HSC⁺16, KWD⁺16, LGJ19, MBOC19].
Hemiarius [DD15]. **Hemigrammus** [ŘKH18]. **Hemigymnus** [HSGD11].
Hemilepidotus [GM11]. **Hemiscyllium** [JK12]. **hemocytes** [HGW⁺19].
Henle [CDM⁺16]. **Henneguya** [RKPG16]. **henneguyosis** [RKPG16].
hepatic [BSV⁺18, LvD18, SMJ⁺12]. **hepatitis** [FKB⁺14, KAS⁺18].
hepatoblastoma [SCZM19]. **hepatocellular** [TIK⁺14b]. **hepatocytes**
 [TIK⁺14b]. **hepatopancreas** [CMEV17a, CMS⁺17, CMEV17b].
hepatopancreatic [BPK⁺17, CCLGRM⁺17, DD18, DML⁺16, KTN⁺16,
 KYB⁺15, MRR⁺14, NPGA⁺19, YTL10]. **hepatopenaei**
 [KS19, SSV⁺17, TSK⁺19]. **Hepatospora** [DCL⁺17]. **herbarum**
 [dSRSHGá⁺19]. **Herbst** [MRR⁺14, RNM⁺12]. **heritage** [GVLE16]. **herpes**
 [SGB⁺16, SEM18]. **herpesviral** [LGK⁺14]. **Herpesvirus**
 [BBL⁺16, ASB⁺12, BSK⁺10, BMK17, BVL⁺18, CLC⁺17, CCW⁺15,
 CCT⁺11, DKBS17, EYF⁺19, FBS13, FBAS16, FCC⁺13, FSC⁺16, GVLE16,
 GSEM13, GAEK⁺14, HDC18, HPY⁺13, IFF⁺15, KYK⁺12, KKOY19,
 KJW⁺17, KAST17, LLL⁺13, MLH⁺15, MSS⁺17a, MKY⁺15, MTA⁺15,
 MTAB15, MBT⁺17, NSS⁺17, PTM⁺19, PFP⁺13, RHZA⁺16, RBH⁺17,
 SMC⁺11, TDJ⁺10, TWJP10, TKS⁺18, WXL16, WSX⁺18, WIC⁺19,
 YkSKY13, vBVLR⁺16, MFES18, NJK⁺17, GM10]. **herpesvirus-1**
 [KYK⁺12, MFES18]. **herpesvirus-2** [NSS⁺17, GM10]. **herpesvirus-3**
 [GAEK⁺14, MKY⁺15]. **herring**
 [GJVT⁺11, GGW⁺11, HLL⁺12, HCEH16, HGH⁺16, MMBS10, WKW⁺11].
Heterogeneity [BGCKF12, LWWS14]. **heterologous** [MBS⁺19a, SLKE10].
heterophil [RSR⁺18]. **Heterophyidae** [BCM⁺17]. **Heterosporis**
 [KSAB⁺14]. **Hetrick** [Cip11]. **Hexacanalisis** [BCJ13]. **Hexamitiasis** [OP14].
Hfq [MFHHG18]. **Hfq-sRNA-chaperone** [MFHHG18]. **HI** [RGD⁺12].
HI-610 [RGD⁺12]. **hidden** [RBR19]. **High**
 [KKK⁺18, RNM⁺12, TCFáS19, BHT⁺17, BLF⁺16, BCBS⁺13, DAB⁺12,
 HGH⁺18, HMW11, LITCAH19b, LZZN10, NFF⁺17, OFA11, VCN⁺10,
 VPCM19, WMD⁺18, WZA10, WKW⁺11, ZDWH18]. **high-**
 [BLF⁺16, WZA10]. **high-grade** [VPCM19]. **High-throughput**
 [TCFáS19, BHT⁺17, LITCAH19b]. **higher** [FHFF15]. **highly**
 [GCNB18, KF10b, LQL⁺10, MAC⁺15, YGL⁺18]. **Hilgendorf** [HKK⁺11a].
Hippocampus [BQP12, BCW⁺15, DCV⁺14, DSMC17, LYD⁺15, LKT⁺13,
 OBR⁺14, QWTL17, SBHC18, WZQ⁺16]. **Hippoglossus**
 [BBP18, ONA10, RSH11]. **hirame**
 [BMMP⁺14, HMP⁺12, SDJH16, YMH⁺11]. **histidine** [FMA⁺19, SFR⁺17].
Histochemical [BDM⁺18, DMD⁺17]. **histochemistry** [DPC⁺10, MBD16].
Histocompatibility [PdLC19, CPB⁺15]. **histologic** [CSA⁺15].
Histological [ADR11, GFM⁺16, Góm12, LTC⁺14, BCBS⁺13, DPTCF10,
 HKF⁺16, PPK⁺13, PMBM13, RAM⁺17, SVV⁺17, TPD⁺19]. **Histology**
 [ECP⁺10, LvD18, CMEV17b, JBO⁺15]. **Histone** [WCL⁺19]. **Histone-like**
 [WCL⁺19]. **Histopathological**

[DCG18, DAO19, MKMY10, MAOS⁺¹⁸, STS⁺¹⁵, ABT⁺¹⁴, MCSM17, MPM16, NB10, PMP⁺¹⁸, QXW14, RHZA⁺¹⁶, RHST⁺¹⁶, RHSM^{+18b}].

Histopathology

[JMHK18, ONA10, TGJCH15, ATM⁺¹⁰, MBD16, SDZN19, YLW⁺¹⁴].
historical [WMM17]. **history** [ARFG13]. **histrix** [MdOO16]. **HN48** [LLL^{+18a}]. **Hofer** [MKKM15]. **Hoffman** [LRB⁺¹⁷]. **Holbrook** [ALG15].
Hole [AFTEML19]. **Hole-in-the-head** [AFTEML19]. **Holmberg** [VGI⁺¹⁶].
Holmes [SPTDEE⁺¹⁵]. **Holocene** [ARL⁺¹⁷]. **Holocephali** [DRdS⁺¹⁰].
Homarus [CG11, SQC⁺¹⁴]. **homeostasis** [TvWO⁺¹⁶]. **homogenate** [SG12]. **homogeneity** [COB⁺¹⁶]. **hook** [ABM⁺¹⁵]. **hooking** [DLLB⁺¹⁸].
Horizontal [NRF⁺¹⁸, KS19, SHV⁺¹⁶]. **horizontally** [WNGS⁺¹⁷].
hormonal [GFM⁺¹⁶]. **hormones** [DSSB19]. **horn** [RHST⁺¹⁶, RhMM⁺¹⁵, RhMV⁺¹⁵]. **horse** [BCW⁺¹⁵, ONGQ⁺¹⁴, RGMGG⁺¹⁸]. **Host** [ADMF15, ABC⁺¹⁰, JFWH19, BCJ13, BLP10, EPCSBP18, FSB18a, FYO⁺¹¹, GSEM13, GAEK⁺¹⁴, GGGM14, IBFL19, JPG⁺¹⁹, KOB⁺¹⁷, KF10a, LHW^{+15a}, LRB⁺¹⁷, MMS⁺¹⁶, MWS17, OWM⁺¹⁷, PJZB19, RGD⁺¹², SPP⁺¹⁸, SPTDEE⁺¹⁵, SP15]. **host-associated** [KOB⁺¹⁷].
host-related [FSB18a]. **host-seeking** [OWM⁺¹⁷]. **Hosts** [SMKBP17, GRG⁺¹⁶, HB12, KHG⁺¹⁷, MLH⁺¹⁵, ZYW⁺¹⁰]. **hounds** [MS16].
hoyamushi [PZL⁺¹⁴]. **HPR0** [GL18]. **HPV** [YTL10]. **Hsieh** [SS17].
HSP70 [PHW⁺¹⁶, SRB12]. **human** [VME⁺¹⁹]. **humic** [YFA⁺¹⁷].
humic-rich [YFA⁺¹⁷]. **humoral** [CRS⁺¹³]. **humphead** [HCW⁺¹⁶, ZWY⁺¹¹]. **Hungary** [ABVS18, KPKP10]. **Huso** [RHSM^{+18b}].
hutCD [OJRL10]. **hybrid** [AZSSZZ13, BVG⁺¹⁰, FCS⁺¹⁸, ISCF⁺¹⁹, LTC⁺¹⁴, RHST⁺¹⁶, RHSM^{+18b}, RhMM⁺¹⁵, RhMV⁺¹⁵, SSF⁺¹⁷, SL15, SRT⁺¹⁴, ZDWH18]. **hybridization** [ACSB⁺¹⁹, CPEH15, DXX⁺¹⁵, DCL⁺¹⁷, LZZN10, MTA⁺¹⁵]. **hybrids** [BSK⁺¹⁰, KHG⁺¹⁷]. **hydrodomous** [MRR⁺¹⁴, RNM⁺¹²]. **Hydrogen** [FVAVMGE18, ACN12, HKBD15a, HKBD15b, MGM⁺¹⁸]. **hydrolysates** [SJDC⁺¹³]. **hydrophila** [AA10, BLFRCQ10, BE19, ÇOÇ⁺¹⁶, CTK⁺¹⁰, DBS12, EDP⁺¹⁷, JAR⁺¹¹, JSAH⁺¹⁸, KEY⁺¹⁵, LPA⁺¹⁰, LLZW14, LCR⁺¹⁰, LHW^{+15b}, NDA10, OSAA18, SJSA⁺¹⁴, WMD⁺¹⁸, WYZ⁺¹⁹, YK12, ZCJ⁺¹⁸].
hydroxybutyrate [HBH⁺¹⁹, SCS⁺¹²]. **hymenocallidicola** [ŘKH18].
Hypanus [SCZM19]. **hyperinflation** [BCG⁺¹⁷]. **hyperlipidaemia** [CHF⁺¹²]. **hyperplasia** [ONA10]. **hyperplastic** [BHW⁺¹¹]. **hyperthermia** [WXWD15]. **hyphal** [VDHV⁺¹⁶]. **Hyphessobrycon** [Lek12]. **hypochlorite** [HHO14]. **hypodermal** [YHY⁺¹⁶]. **hypophthalmus** [BAD⁺¹², CTK⁺¹⁰, SMV⁺¹⁴, SZZSFN⁺¹⁴, SPV⁺¹⁸, VST⁺¹⁹]. **hypoxic** [EMA17]. **Hysterothyliacium** [MGH⁺¹⁴, RGMGG⁺¹⁸]. **hystrix** [SBK⁺¹³].
I-based [TCFáS19]. **ice** [DJR⁺¹⁹]. **ice-structuring** [DJR⁺¹⁹]. **Iceland** [GVC⁺¹⁹, áKÁGA16]. **Ichthyobacterium** [MFS⁺¹⁷]. **Ichthyobodo**

[CKJ⁺¹⁴, MUM⁺¹⁹]. **ichthyoenteri** [BT14]. **ichthyofauna** [RAM⁺¹⁸]. **ichthyophoniasis** [HCEH16]. **Ichthyophonus** [AJLC⁺¹⁶, CPEH15, HGH⁺¹⁶, WMF14]. **Ichthyophonus-induced** [AJLC⁺¹⁶]. **Ichthyophonus-infected** [WMF14]. **ichthyophthiriasis** [AMRHM18, VGI⁺¹⁶]. **Ichthyophthirius** [AJLK⁺¹⁸, AMRHM18, BSD^{+18a}, CKvGJB17, vGJHS⁺¹¹, vGJKR⁺¹⁷, XKBC12, XZZ16, YYW⁺¹⁴]. **IcHV** [GM10]. **IcHV-2** [GM10]. **icmF** [WYZ⁺¹⁹]. **ictaluri** [BAD⁺¹², CTK⁺¹⁰, GRG⁺¹⁶, KMGK⁺¹⁸, PRWG17, PRSK10, PMK12, SRT⁺¹⁴, VST⁺¹⁹, YK13]. **Ictalurid** [GM10]. **Ictalurus** [LTC⁺¹⁴, BBF⁺¹⁵, LTC⁺¹⁴, MP18, PRSK10, RKP16, XKBC12, YSK13, YK13]. **idella** [GCWB11, LLL⁺¹², YYW⁺¹⁴]. **idellus** [LXHL11]. **identical** [MNM⁺¹⁸]. **Identification** [BGC⁺¹⁷, CHH⁺¹⁴, CCW⁺¹⁵, CXW⁺¹⁹, CHF⁺¹², DBM⁺¹⁴, HXZ⁺¹⁶, HHX⁺¹⁵, LLC⁺¹¹, LCV⁺¹⁷, LCC⁺¹⁵, LLL⁺¹², LMM⁺¹⁶, MFHHG18, PKLH19, PSBG⁺¹¹, SRSF10, TCS19, WCL⁺¹⁹, WNCR12, YGL⁺¹⁸, ZWG⁺¹⁷, ZWL⁺¹⁶, BLL⁺¹⁷, dJDAVRGM⁺¹⁸, GLW⁺¹⁸, IGLG⁺¹⁷, JSJR⁺¹⁸, KPSP⁺¹⁹, LDA⁺¹⁹, LML⁺¹³, LYL⁺¹⁸, LFH⁺¹¹, OBR⁺¹⁴, OGI⁺¹⁸, PSCFB⁺¹⁸, SSF⁺¹⁷, SMC⁺¹¹, TCFaS19, ZSZF16, ZLX⁺¹⁹, ZFZ⁺¹¹]. **identifies** [GSEM13, GLK⁺¹⁶, LSA⁺¹⁵, WDM⁺¹⁵, WMM⁺¹⁶]. **identifying** [BTN⁺¹⁸, JSJR⁺¹⁹]. **identity** [LDEH17]. **iELISA** [ZWG⁺¹⁸]. **IgD** [AJLC⁺¹⁶]. **IgD-** [AJLC⁺¹⁶]. **IgM** [AJLC⁺¹⁶, vGJHS⁺¹¹]. **IgM-positive** [AJLC⁺¹⁶]. **IgT** [AJLC⁺¹⁶, vGJHS⁺¹¹]. **IgT-** [AJLC⁺¹⁶]. **IgY** [NPGA⁺¹⁹]. **IHHNV** [YHY⁺¹⁶]. **IHN** [HAS⁺¹⁹]. **IHNV** [CGW⁺¹⁹, HSC⁺¹⁶, JSK⁺¹⁰, PMH⁺¹¹, PFJ⁺¹⁰]. **II** [BMA13, CPB⁺¹⁵, GJVT⁺¹¹, LLZW14, PMH⁺¹¹, YYW⁺¹⁴, ZWG⁺¹⁸]. **II-DAB** [YYW⁺¹⁴]. **III** [EAN⁺¹⁸]. **IIIA** [SWWN⁺¹⁶]. **illegally** [ARFG13]. **Image** [ESV^{+19a}, FSB18b, GGMG18a, GCM^{+18a}, LITCAH19a, LLL^{+18b}, MTLP^{+18a}, PWHW18a, PLC^{+19a}, QZZ^{+18a}, VSDS^{+19b}, CMEV17a, CMS⁺¹⁷, CMEV17b]. **imaging** [BKD17, BWM⁺¹³, FDST16, RHSM^{+18b}, RHSM^{+18a}]. **imbalance** [AFTEML19]. **Immersion** [MAC⁺¹⁵, GOM⁺¹⁹, JAJC⁺¹⁸, MBS^{+19a}, MRN⁺¹⁹, MSCH14, PBM⁺¹⁵, SPLV⁺¹⁵, SCR⁺¹⁵, TTL⁺¹⁶]. **immersion-bath** [SCR⁺¹⁵]. **Immune** [HZX⁺¹³, LHW⁺¹², TMM⁺¹⁵, AJLC⁺¹⁶, BSD^{+18b}, BSB⁺¹⁸, BAMYAH19, Buc12, CLGP15, CCHL13, CKvGJB17, CCME16, CRS⁺¹³, CSCCA14, DMB⁺¹⁶, HKBD15b, HXZ⁺¹⁶, HMW11, JAJC⁺¹⁸, JMF⁺¹⁸, JKH⁺¹⁷, vGJKR⁺¹⁷, JJS⁺¹², LMC⁺¹⁶, LSC⁺¹⁴, LMM⁺¹⁵, LMM⁺¹⁶, LHW^{+15b}, NNC⁺¹⁸, PHW⁺¹⁶, RSB13, RBAT⁺¹⁷, RCGGM15, RSPA⁺¹⁸, SWD⁺¹⁴, XKB12, ZWL⁺¹⁴]. **immune-related** [JJS⁺¹²]. **immune-relevant** [SWD⁺¹⁴]. **Immunity** [CGW⁺¹⁹, CR12, JJV⁺¹⁵, LKS⁺¹³, SWM⁺¹⁵]. **Immunization** [PLCC11, OTN⁺¹²]. **immunizes** [NPGA⁺¹⁹]. **immunoassay** [PSK⁺¹³, SSHEM11]. **immunoblotting** [LLL⁺¹²]. **immunochromatographic** [LXX⁺¹⁷]. **immunocytochemistry** [ECP⁺¹⁰]. **immunoenzymatic** [NOST⁺¹⁶]. **immunogenic** [KREM14, LLC⁺¹¹, LLL⁺¹², NMIY14]. **immunoglobulin**

[ESV^{+19b}, LSA⁺¹⁵, NPGA⁺¹⁹]. **Immunohistochemical**
 [ERÁpSB14, FBL⁺¹⁴, YDO⁺¹⁶, ZHFC11, AOAH13, ABT⁺¹⁴, BDM⁺¹⁸,
 CKJ⁺¹⁴, RHSM^{+18a}, RAM⁺¹⁷, SMS⁺¹⁹]. **immunohistochemistry**
 [GCM^{+18b}, MBD16]. **immunological**
 [EAM⁺¹³, FMT⁺¹⁴, SPCR⁺¹⁹, SSSP18, WCW16a, YSHG18].
Immunomodulatory [ESA⁺¹⁰, WXWD15]. **Immunophysiology**
 [SAD⁺¹²]. **immunoproteomic** [CRBLC⁺¹⁷]. **immunosorbent**
 [BWZ⁺¹⁷, NMIY14]. **immunostimulants** [NFA15]. **Immunostimulation**
 [IPW⁺¹³]. **immunostimulatory** [PPI⁺¹³]. **Impact**
 [AJLK⁺¹⁸, BPK⁺¹⁷, DD18, JCN⁺¹³, JCN⁺¹⁴, STG⁺¹⁰, SFU⁺¹³, DTF⁺¹⁶,
 GMC^{+16b}, STES14, SSL18, TJA⁺¹³, KRFT14]. **Impacts** [BA14, BGRB14].
impair [RHB⁺¹⁵]. **Impairment** [BSV⁺¹⁸]. **impairs** [LP17]. **impedes**
 [BMD⁺¹⁴]. **implementation** [BMBS12]. **implicated** [BHF13].
implications [RBL⁺¹¹, SSK17, DMK⁺¹⁹]. **importance**
 [KPSP⁺¹⁹, KNN19]. **important** [DS10, WLX⁺¹⁰]. **Imported**
 [RHBMM13, GJK⁺¹¹, NSC⁺¹⁵, PRWG17, RKK⁺¹⁹, SBD11]. **imports**
 [WTM14]. **impoundments** [HWO⁺¹⁷]. **improved**
 [GCM^{+18b}, SKN⁺¹⁶, VST⁺¹⁹]. **Improvement** [HAS⁺¹⁹, TJR⁺¹⁸].
improves [DMB⁺¹⁹, FMM⁺¹⁹]. **in-vitro** [SHS14]. **Inactivated**
 [WHR⁺¹⁸, LRC⁺¹⁸, MMNL14, RPMRLJ⁺¹⁹, SGB⁺¹⁶]. **Inactivation**
 [YkSKY13, DSA⁺¹², DAB⁺¹², HPAL10, MoSMS18, NCNB18].
inaequilabiatus [DMD⁺¹⁷]. **Incidence** [NB11]. **including** [SFF⁺¹⁷].
inclusion [PFC⁺¹³]. **Incomati** [DAO19]. **increase** [FMH⁺¹⁵, SJK⁺¹⁴].
Increased [DMB⁺¹⁹, CKTT10, FHFF15, NYRS12, OBFR12]. **increases**
 [CCHL13]. **Increasing** [FCJH19, USM17]. **incubated** [LF18]. **incubation**
 [FFP⁺¹⁴, FHFF15, SK15]. **independent** [Sla14]. **India**
 [GJM⁺¹⁵, GMP⁺¹¹, HVM⁺¹⁷, RDN⁺¹², SPP⁺¹⁸, SSV⁺¹⁷, SM14, TSK⁺¹⁹].
Indian [BNC⁺¹¹, Góm12, GMP⁺¹¹, JGI⁺¹⁰, NRMS14, SVM⁺¹⁸]. **indica**
 [AA10]. **indicate** [CKJ⁺¹⁴, KZJ⁺¹⁷]. **indicates** [MMBS10]. **Indications**
 [JNS⁺¹⁹]. **indicators** [PSZ⁺¹⁴]. **indices** [KPM⁺¹¹, LFP^{+11a}, LFP^{+11b}].
indicus [NRMS14]. **Indies** [HHM⁺¹⁴]. **indirect** [ZWG⁺¹⁸]. **individual**
 [DIVC16, HWM⁺¹³]. **Indo** [CDM⁺¹³]. **Indo-Pacific** [CDM⁺¹³]. **Indonesia**
 [SMC⁺¹¹]. **indoor** [SBK⁺¹⁵]. **induce**
 [CZB⁺¹¹, LPA⁺¹⁰, OBFR12, SWM⁺¹⁵]. **induced** [ACN12, AJLC⁺¹⁶,
 BRMG13, CGW⁺¹⁹, DAO19, FLCC⁺¹⁴, Góm12, GHB⁺¹¹, JCN⁺¹³,
 JCN⁺¹⁴, KRFT14, MMD⁺¹², MLEM16, MGF17, XQS⁺¹⁵, ZZQ⁺¹⁹].
induces [CLGP15, CXW⁺¹⁹, ESV^{+19b}, LF16, SON⁺¹⁸]. **Induction**
 [DJQ⁺¹², HY16, FSV⁺¹⁸, MMS⁺¹⁶, WBF⁺¹⁰]. **industry** [VJWC⁺¹⁸].
infect [PST⁺¹⁶]. **infected**
 [AOAH13, BSV⁺¹⁸, BSSB18, BSD^{+18b}, BSD^{+18c}, BSB⁺¹⁸, BSD^{+18a},
 BLFRCQ10, BRB⁺¹², Bin14, BCJ13, BTC⁺¹⁷, CLC⁺¹⁷, DCG18, DPADO16,
 FCM⁺¹⁹, FFLC17, GIW⁺¹¹, GCM^{+18b}, GMN12, HDWM15, HGB⁺¹¹,
 HZX⁺¹³, JML19, JJV⁺¹⁵, KSM⁺¹⁷, KAST17, LRD⁺¹⁹, LMM⁺¹⁵, LMM⁺¹⁶,
 MKI⁺¹⁵, MKMY10, MTA⁺¹⁵, MTAB15, NB10, NHM⁺¹⁰, PB18, PRSK10,

PJU⁺¹³, SP15, SWD⁺¹⁴, SFL⁺¹⁶, TJB⁺¹⁵, UMMS17, VTM⁺¹⁴, WMF14, ZWY⁺¹¹, ZPM⁺¹⁸, SSV⁺¹⁷]. **infecting** [BLL⁺¹⁷, BNS13, FDL⁺¹⁷, IBFL19, LQL⁺¹⁰, LZGZ16, LJHG14, OMO⁺¹⁵, RPGCIG17, SAS⁺¹⁹, SGQ⁺¹⁵, TB12, USM17, WMD⁺¹⁸, WCW^{+16b}]. **Infection** [ARFG13, BKD17, BLP10, CGAS19, DDBC⁺¹⁵, NNCLGC⁺¹¹, ZWLG10, ASA10, AMAR18, AHHR⁺¹⁰, AHPR⁺¹⁶, ATP⁺¹⁶, AZSI⁺¹², ABT⁺¹⁴, AA10, BSPS⁺¹⁸, BMD⁺¹⁴, BBF⁺¹⁵, BLdA⁺¹⁸, BAMYAH19, BE19, BHO⁺¹⁹, BFFA⁺¹², BDB⁺¹⁸, BVG⁺¹⁰, BVT⁺¹⁸, CBLN13, CDM⁺¹³, CBC⁺¹³, CHWM⁺¹⁹, CAJD⁺¹⁸, CKvGJB17, CG11, CB13, CDD⁺¹⁸, CCM⁺¹¹, CCMA⁺¹⁷, DBS12, DIH⁺¹⁶, DLP⁺¹³, DMB⁺¹⁶, DMD⁺¹⁷, DJR⁺¹⁹, DCZ⁺¹⁷, EDP⁺¹⁷, ESA⁺¹⁰, ECP⁺¹⁰, FBAS16, FSV⁺¹⁴, FSK⁺¹⁹, FBVC16, FCC⁺¹³, FSO⁺¹⁰, FCS⁺¹⁸, GSEM13, GRP⁺¹⁵, GDN⁺¹⁶, HKK^{+11a}, HPY⁺¹³, ICVV16, JKL⁺¹³, JHW17, JFWH19, JMF⁺¹⁸, JKH⁺¹⁷, KKK15, KSS⁺¹⁵, KRD⁺¹⁷, KPK⁺¹⁸, KHC⁺¹⁸, KLD⁺¹⁸, KKOY19, KBE⁺¹⁴, KJW⁺¹⁷, KDA⁺¹⁸, KKKA17, KDP⁺¹⁷, LGK⁺¹⁴, LLG⁺¹⁵, LP17, LMG⁺¹⁹, LC17, LCOZ10, LL12, LLH^{+14b}, LXL⁺¹⁸, LGJ19, LCR⁺¹⁰, LSA⁺¹⁵, LYKN18, LHW^{+15b}, LXZ⁺¹⁹, MBOC19, MSC⁺¹⁷, MLRS⁺¹⁷, MFES18, MSR⁺¹⁰, MKH⁺¹¹]. **infection** [MUM⁺¹⁹, MTA⁺¹⁵, MCW⁺¹⁸, MKKM15, NOV⁺¹¹, NYRS12, OJRL10, PBC15, PRWG17, PFP⁺¹³, PYSS19, PPI⁺¹³, PPF⁺¹², PG16, PMK12, PFC⁺¹³, PMPG⁺¹⁶, QWTL17, QZZ^{+18b}, RHS⁺¹², ŘKH17, RBM⁺¹⁶, RFA⁺¹⁴, RSR⁺¹⁸, RPM⁺¹⁹, SHKF16, SZM⁺¹⁵, SBP⁺¹⁹, SSV⁺¹⁰, SGB⁺¹⁶, SHJ⁺¹², SDJH16, SPLV⁺¹⁵, SS17, SSJ⁺¹⁹, SNM⁺¹⁶, SAD⁺¹², SWWN⁺¹⁶, SODB16, SOA⁺¹⁸, SVY⁺¹⁴, SON⁺¹⁸, SRT⁺¹⁴, SNK⁺¹⁹, TIK^{+14a}, TTL⁺¹⁶, TDS⁺¹⁹, VDMJ⁺¹³, VBL⁺¹⁵, VBL⁺¹⁶, WBF⁺¹⁰, WLX⁺¹⁰, WKW⁺¹¹, WIC⁺¹⁹, Wen16, WFH⁺¹⁸, WXWD15, XJL⁺¹⁹, YFA⁺¹⁷, YDO⁺¹⁶, YK13, YYW⁺¹⁴, YLX^{+19b}, ZNHC11a, ZNHC11b, ZKL⁺¹⁹, ZLN⁺¹⁷]. **Infections** [LHW^{+15a}, STF⁺¹⁵, SBM⁺¹¹, BFJ11, CMH⁺¹⁷, CLS⁺¹⁵, DS10, DYML⁺¹⁸, FYO⁺¹¹, GFW⁺¹⁰, GRF14, HCL⁺¹⁴, JQK14, JZK⁺¹⁴, JJSJ15, KFK⁺¹⁶, LML12, LST⁺¹², LPCC12, LLL^{+18a}, NMiy14, RAM⁺¹⁹, RSH11, SWS⁺¹⁶, SVV⁺¹⁷, TSK⁺¹⁹, UMMS17, WMF14, WBD10a, WNAJ⁺¹⁶, ZHFC11, PTM⁺¹⁹]. **Infectious** [ADF14, BAH⁺¹⁸, CCCTA⁺¹⁴, MNM⁺¹⁸, MMNL14, RWTB17, TVK⁺¹⁹, ADMF15, ATM⁺¹⁰, ASHZ⁺¹², AOAH13, BMK17, CGW⁺¹⁹, DSJA18, EYF⁺¹⁹, ECP⁺¹⁰, EBM⁺¹⁸, EEMCEGSP16, FE11, GL18, GTT⁺¹⁷, GCS⁺¹⁸, HSC⁺¹⁶, HWM⁺¹³, HVM⁺¹⁷, IOO15, JDRM17, JOF⁺¹⁹, JSK⁺¹⁰, JMS13, JJSJ15, KDA⁺¹⁸, KBD13, KWD⁺¹⁶, LTG⁺¹⁸, LTM⁺¹⁹, LLLG18, LASRA⁺¹⁹, LGJ19, LJGRI⁺¹⁰, LVADB17, LRMN17, MBOC19, MMWK19, MAC⁺¹⁵, MR11, MTHB13, MNM⁺¹⁹, MMH10, NB10, OBF12, PMW⁺¹⁰, PMH⁺¹¹, PBM⁺¹⁵, RMSH09, SJDC⁺¹³, SWD⁺¹⁴, SG12, SSO⁺¹⁴, TIK^{+14a}, VDMJ⁺¹³, VCOD17, YLSW14, YHY⁺¹⁶]. **infective** [FSB18a, GGGM14]. **infective-stage** [FSB18a]. **Infectivity** [CGCAH12, SCR⁺¹⁵, FE11, GTH11, OKS⁺¹³, SG12]. **infects** [RAVC18, VSDS^{+19a}]. **inference** [RRC⁺¹⁷]. **inferred** [FMA⁺¹⁹, MFS⁺¹⁷, STIG17]. **infestation**

[FDST16, GAVC16, HSHC⁺¹⁶, MGM⁺¹⁸, SFU⁺¹³, VMBGE17].

infestations

[GCGR13, HLHS11, JCN⁺¹³, JCN⁺¹⁴, KRFT14, PBBG19, SMR10, TAQ⁺¹⁰].

infesting [YB17]. **inflammation**

[BKG⁺¹⁸, GRT12, MLF⁺¹⁰, NHM⁺¹⁰, WHR⁺¹⁸]. **inflammatory** [BSB⁺¹⁸, BSD^{+18a}, BSD^{+18d}, ESV^{+19b}, GIW⁺¹¹, MDF⁺¹⁷, RCGGM15, SJSA⁺¹⁴].

Influence [HH13a, JSAB⁺¹⁹, SLPB18, SSL18, WBF⁺¹⁰, BSD^{+18a}, DIVC16, IBFL19, MPS⁺¹⁸]. **influenced** [BSPS⁺¹⁸]. **influences**

[CRBLC⁺¹⁷, JMF⁺¹⁸]. **influencing** [CHAB10, TES16]. **information**

[AGFG19, MJ17, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l].

informing [SMR16, SDI⁺¹⁸]. **infrared** [WNCR12]. **Ingestion** [SNM⁺¹⁶].

inhabiting [FDL⁺¹⁷]. **Inhibition**

[GSBEM15, HMP⁺¹², BSD^{+18c}, DRG⁺¹⁷, HLP⁺¹⁶]. **inhibitors**

[AS17, ASS19, UKS⁺¹⁸]. **Inhibitory**

[SBW11, BLFC12, PSBG⁺¹¹, YVM⁺¹⁴, YLX^{+19b}]. **inhibits**

[BSV⁺¹⁸, TKS⁺¹⁸]. **iniae** [BYAS⁺¹⁹, CZL⁺¹⁹, EPA⁺¹⁰, HJOK11, KNN19,

OGI⁺¹⁸, SLKE10, WZL13, ZFZ⁺¹¹]. **initial** [SZM⁺¹⁵]. **injectable**

[HJN⁺¹⁹]. **injection** [CMH⁺¹⁷, ELI⁺¹⁷, GSS⁺¹⁰, GMC^{+16b}, MID^{+19b},

PYSS19, RPMRLJ⁺¹⁹, SPLV⁺¹⁵]. **injury** [FBK⁺¹⁶]. **inkyongense**

[dASLS⁺¹⁹]. **innate** [JKH⁺¹⁷, LKS⁺¹³, STS⁺¹⁵, YSHG18]. **innesi**

[SMS⁺¹⁹]. **inoculation** [SDR⁺¹⁵]. **inorganic** [MMNL14]. **inornatus**

[SBW⁺¹⁸]. **insight** [dALF⁺¹⁷]. **Insights** [COB⁺¹⁶, SP15]. **integrate**

[JMD⁺¹⁸]. **integrity** [FMM⁺¹⁹, FE11]. **integron** [NB11]. **intensity**

[BND⁺¹⁷, BWP^{+19b}]. **Intensive** [TAQ⁺¹⁰, JR19, LLH^{+14b}, STS⁺¹⁵].

intensively [MP18, SKPS16, SMS⁺¹⁸]. **interacting** [SRSF10]. **interaction**

[GIW⁺¹¹, IBFL19, MKI⁺¹⁵, RGD⁺¹², SP15, WNMK⁺¹⁶]. **Interactions**

[LMC⁺¹⁶, GAEK⁺¹⁴, JFWH19, Tre12]. **interactome** [FMA⁺¹⁹]. **interface**

[BCJ13]. **interferes** [VDH19]. **interferons** [NSE⁺¹⁷]. **intergenic** [TAC15].

interleukin [CKTT10]. **interleukin-1** [CKTT10]. **internal**

[DPMK12, LCZ⁺¹⁸]. **internalization** [TDT⁺¹⁶]. **internalize** [LASRA⁺¹⁹].

interpretation [GVB^{+17a}]. **intestinal**

[BGD⁺¹⁷, BWS⁺¹⁸, DPC⁺¹⁰, DMB⁺¹⁶, DAO19, ERÁpSB14, JSAH⁺¹⁸,

LFL19, MBB12, MKK⁺¹¹, SJSA⁺¹⁴, VMBGIC19]. **intestine**

[BKG⁺¹⁸, BDM⁺¹⁸]. **intestines** [YkSKY13]. **Intimal** [DRdS⁺¹⁰]. **intra**

[GSS⁺¹⁰]. **intra-peritoneal** [GSS⁺¹⁰]. **intracellular**

[AHAMR⁺¹⁹, MB17, YVM⁺¹⁴]. **intracoelomic** [PYSS19]. **Intragastric**

[PYSS19]. **Intragenomic** [LWWS14]. **Intramuscular**

[ESV^{+19b}, ELI⁺¹⁷, FGJ⁺¹⁰]. **intranuclear** [ACSB⁺¹⁹, XLZ⁺¹⁷].

intraperitoneal

[ELI⁺¹⁷, LWJ⁺¹⁶, MID^{+19b}, MID^{+19a}, RPMRLJ⁺¹⁹, SPLV⁺¹⁵].

Intraspecific [BAD⁺¹²]. **Introduced** [BMD⁺¹⁴]. **intubation**

[JSAH⁺¹⁸, SJSA⁺¹⁴]. **Invasion**

[RhAS⁺¹⁵, HGW⁺¹⁹, KVC⁺¹⁶, VMBGIC19]. **invasions** [WTM14]. **invasive** [BND⁺¹⁷, GCNB18, KPKP10, MKK⁺¹¹, RHST⁺¹⁶, SBD11]. **invertebrates** [BCL⁺¹⁹, HCCM12]. **investigate** [AAUHW15]. **Investigating** [GAEK⁺¹⁴, JBO⁺¹⁵]. **Investigation** [DWL⁺¹⁷, DYML⁺¹⁸, GFB⁺¹⁹, SS17, SFF⁺¹⁷, VCR⁺¹¹, YLSW14, BSW17, HZJ⁺¹⁹, KOI⁺¹⁴, SSJ⁺¹⁹]. **Investigations** [NLC⁺¹⁶, SVV⁺¹⁷]. **investment** [PPF⁺¹²]. **involved** [CIL⁺¹⁷, DLP⁺¹³, GSEM13, LCV⁺¹⁷, LSC⁺¹⁴, MBB12, PKLH19, RMS⁺¹³, WCL⁺¹⁹]. **Involvement** [BSD^{+18b}, BSD^{+18c}, LTC16, NB10]. **involving** [CDD⁺¹⁸, DABO⁺¹⁷, LEM⁺¹⁹]. **iodine** [MoSMS18]. **iodixanol** [DLCC⁺¹³]. **IPN** [CRAG⁺¹²]. **IPNV** [BAH⁺¹⁸, CGW⁺¹⁹, ECP⁺¹⁰, JJSJ15, KBD13, LJGRI⁺¹⁰, NSE⁺¹⁷, NB10, PFJ⁺¹⁰]. **Iran** [RHZA⁺¹⁶]. **Ireland** [JCN⁺¹⁴, BW18, GFW⁺¹⁰, GFR⁺¹², JCN⁺¹³, JKO⁺¹³, KRFT14, MSR⁺¹⁰, RMSH09, SBH⁺¹⁶, TCM⁺¹⁹]. **iridoviral** [LGK⁺¹⁴]. **Iridoviridae** [MNG⁺¹⁸]. **Iridovirus** [WBD10a, CCLL16, GHH⁺¹¹, HLC⁺¹⁵, JLJ16, KHC⁺¹⁸, LCC⁺¹⁵, RWTB17, SCK13, WZL⁺¹¹, YLX^{+19b}]. **iridovirus-type** [KHC⁺¹⁸]. **iridoviruses** [BLL⁺¹⁷]. **Irish** [GM11]. **Iron** [BPMI⁺¹⁶, BLF⁺¹⁶, BAMYAH19, CRO⁺¹⁸, OJRL10, VMBGE17, WZL13]. **iron-acquisition** [BAMYAH19]. **irradiation** [CB13]. **irritans** [LMAKN16]. **ISA** [CRAG⁺¹²]. **ISAV** [AGB⁺¹⁹, GL18, MMWK19, NSE⁺¹⁷]. **Isbrücker** [ADR11]. **ISKNV** [TIK^{+14a}]. **Island** [HSGD11, MMMD16]. **islandica** [ATP⁺¹⁶]. **islands** [LCV⁺¹⁷, Gis18]. **isogeneic** [NSS⁺¹⁷]. **isolate** [CHH⁺¹⁴, HO13, HHX⁺¹⁵, IOO15, JSK⁺¹⁰, MID^{+19a}, ZLX⁺¹⁹]. **isolated** [BT14, CVLJ⁺¹⁰, CMSHS16, COB⁺¹⁶, CLLF14, DMP10, DLPR15, DSJA18, GJVT⁺¹¹, GBO⁺¹⁸, GCMG⁺¹¹, HKK^{+11b}, HY16, IGLG⁺¹⁷, KTP⁺¹⁵, KKM⁺¹⁹, KSAB⁺¹⁴, LEM⁺¹⁹, LYL⁺¹⁸, MNM⁺¹⁸, NMiy14, NMM⁺¹⁸, PKPG15, PSBG⁺¹¹, PAZ18, PLC^{+19b}, RKK⁺¹⁹, RVC18, SDWA18, dASLS⁺¹⁹, SKB10, TWYC15, YkSKY13, ZZC⁺¹⁷]. **isolates** [ACAS14, AAZS⁺¹⁵, BAD⁺¹², BGC⁺¹⁷, BBP18, BFC⁺¹⁵, CD17, CYS17, DBV⁺¹³, DLCF13, DZV10, DMK⁺¹⁹, FSB^{+18c}, FNISE12, GPFGAG19, GRG⁺¹⁶, HBB⁺¹⁵, HKB⁺¹⁶, HXZ⁺¹⁶, JDH⁺¹⁸, JGI⁺¹⁰, JMS13, JSJR⁺¹⁸, KWD⁺¹⁶, LLLG18, MPBM⁺¹⁶, MNM⁺¹⁸, NSB⁺¹⁸, PSCFB⁺¹⁸, PRY⁺¹⁸, RB15, RSIP⁺¹⁷, RSPA⁺¹⁸, RMSH09, SHO⁺¹⁷, SLKE10, TJB⁺¹⁵, ZWL⁺¹⁶]. **Isolation** [ABF15, BLFC12, CLZ⁺¹², DKBS17, FDL⁺¹⁷, GJM⁺¹⁵, GFS⁺¹⁴, JDRM17, LDA⁺¹⁹, OBR⁺¹⁴, PBMB11, RSM⁺¹⁸, SSF⁺¹⁷, SMC⁺¹¹, WCW^{+16b}, ZB12, ZSZF16, ZLX⁺¹⁹, ATM⁺¹⁰, BMMP⁺¹⁴, DSMC17, DABO⁺¹⁷, LPVGL⁺¹⁰, MHNY18, MNM⁺¹⁹, SPS⁺¹⁷, SMV⁺¹⁴, SWE⁺¹⁹, VDD⁺¹⁸, ZxYJ⁺¹⁹, EA18]. **isopods** [HSGD11]. **isothermal** [HJOK11, JYZ⁺¹⁴, KTN⁺¹⁶, LLWL15, MSI⁺¹⁵, YWW⁺¹⁹]. **Issue** [Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l]. **Isurus** [ABM⁺¹⁵]. **Itagaki** [LML12]. **Italy** [APP⁺¹⁷, BVG⁺¹⁰, BVT⁺¹⁸, CGP⁺¹⁹, FCC⁺¹³, FSC⁺¹⁶, QPB⁺¹⁶, VPS⁺¹⁴].

items [PJL⁺¹²]. **IV** [DJR⁺¹⁹, GVC⁺¹⁹, MSG⁺¹⁸]. **IVb** [AHR⁺¹⁰, AHR⁺¹⁶, Ano12c, GMN12, GRP⁺¹⁵, HPAL10, KF10a, MF12, OEG⁺¹³, VBL⁺¹⁵, VBL⁺¹⁶, WKW⁺¹¹]. **ivermectin** [ANB⁺¹⁹].

Jackson [KRFT14]. **jandaei** [DTJ⁺¹⁷]. **Japan** [CONN10, MHNY18, MKMY10, TIK^{+14a}, ZYW⁺¹⁰]. **Japanese** [FYO⁺¹¹, KYK⁺¹², KPK⁺¹⁸, OMO⁺¹⁵, WCW^{+16b}]. **japonensis** [SBD11]. **japonica** [KYK⁺¹², KPK⁺¹⁸, KLD⁺¹⁸, OMO⁺¹⁵]. **japonicus** [ESA⁺¹⁰, LQL⁺¹⁰, MTK⁺¹⁰, XJL⁺¹⁹]. **Jasus** [ZJDL18]. **Jaundice** [OAO⁺¹², MFS⁺¹⁷, GMC^{+16a}]. **jaw** [ACA⁺¹⁶, WBE⁺¹⁷]. **JEECV** [OMO⁺¹⁵]. **jellyfish** [MLMR16, PÁD18]. **jirovecii** [AMAR18]. **Jordan** [DBHC17, FYO⁺¹¹, WWS⁺¹¹]. **jordani** [GM11]. **juvenile** [ASW16, AAV⁺¹⁶, BCT⁺¹⁷, BBP18, HSGD11, HKD⁺¹⁰, KF10b, KPM⁺¹¹, LKS⁺¹³, MUM⁺¹⁹, MPM16, PST⁺¹⁶, PSS17, STF⁺¹⁵, SSF⁺¹⁷, XLZ⁺¹⁷, VCLW16]. **juveniles** [EEMCEGSP16, OP14, PBM⁺¹⁵, RBWR⁺¹⁵, SOA⁺¹⁸].

Kaolinitic [BBF⁺¹⁵]. **Kaup** [CVLJ⁺¹⁰, CTD⁺¹², CPP14, CRS⁺¹³, CSCCA14, FBL⁺¹⁴, dALF⁺¹⁷]. **Kellogg** [TNK12, WBF⁺¹⁰]. **Kempkes** [ADR11]. **Kenya** [MNM⁺¹⁸, MNM⁺¹⁹]. **keta** [KBE⁺¹⁴]. **key** [KFK⁺¹⁶, LXZ⁺¹⁹, WMM17, ZZQ⁺¹⁹]. **Khawia** [SBD11]. **KHV** [BSK⁺¹⁰, BWZ⁺¹⁷, KKOY19, MTA⁺¹⁵, PFP⁺¹³, RBM⁺¹⁶, SMC⁺¹¹, ZWL⁺¹⁴]. **KHV-CJ** [ZWL⁺¹⁴]. **KHVD** [BSK⁺¹⁰]. **kidney** [BSW17, BLdA⁺¹⁸, BSSH17, BLP10, BSBH10, CHAB10, CSCCA14, GHH⁺¹¹, KSM⁺¹⁷, Lek12, PRSK10, RhMM⁺¹⁵, RWTB17, SWD⁺¹⁴, SSO⁺¹⁴, TIK^{+14a}, WWS⁺¹¹, XWP⁺¹⁸]. **kidney-derived** [WWS⁺¹¹]. **kill** [MP18]. **killer** [BRB⁺¹², LSC⁺¹⁴]. **killing** [MWRSK17, TDLT⁺¹⁶]. **kills** [LDEH17]. **kinase** [FMA⁺¹⁹, HCW⁺¹⁶, PMH⁺¹¹]. **kind** [BSPS⁺¹⁸]. **Kinetic** [FGJ⁺¹⁰, TDT⁺¹⁶]. **kinetics** [SS17, TNK12]. **Kingdom** [NSB⁺¹⁸]. **kingfish** [NWMK16, STIG17]. **Kinkelin** [HMDB13]. **kisutch** [AHTCA⁺¹⁷]. **Klamath** [JMHK18]. **Kner** [EDSL11]. **knowledge** [GFS⁺¹⁸, JJM⁺¹⁷, KSS17, LRMN17, MYWC18, ZGY⁺¹⁸]. **known** [MS16, VLVS⁺¹⁶]. **Koi** [CCT⁺¹¹, PTM⁺¹⁹, TDJ⁺¹⁰, ATJS⁺¹⁸, BSK⁺¹⁰, BMK17, CLC⁺¹⁷, CCW⁺¹⁵, CLHGK17, CDD⁺¹⁸, EYF⁺¹⁹, FBS13, FSV⁺¹⁴, GJM⁺¹⁵, HDC18, KKOY19, MTA⁺¹⁵, MTAB15, RHZA⁺¹⁶, RBH⁺¹⁷, SGB⁺¹⁶, SEM18, SMC⁺¹¹, TWJP10, WZW⁺¹⁸, YkSKY13]. **koi-herpesvirus** [YkSKY13]. **Korea** [HKK^{+11a}, HKK^{+11b}, HPY⁺¹³, KYK⁺¹², KLD⁺¹⁸, RKK⁺¹⁹, SDJH16]. **Korean** [KOS⁺¹⁰]. **koreensis** [SM14]. **Krabbe** [BK12, MGH⁺¹⁴]. **Krkosek** [JCN⁺¹⁴]. **Krøyer** [AHH16, DLLB⁺¹⁸, IPW⁺¹³, JR19, PJZB19]. **Kruger** [HGPD11, HOHG13]. **kuda** [DCV⁺¹⁴, LYD⁺¹⁵]. **Kudo** [RKPG16]. **Kudoa** [ATP⁺¹⁶, CB13, MSBB⁺¹⁶, SS17, TOK⁺¹⁶]. **kuruma** [ESA⁺¹⁰, MTK⁺¹⁰]. **Kuwahara** [LML12]. **kynurenic** [KSM⁺¹⁷].

L [ASHZ⁺¹², JCN⁺¹⁴, ZWLG10, LFD⁺¹⁷, ZCJ⁺¹⁸]. **L-aspartate** [ZCJ⁺¹⁸].
L-Lactic-Co-Glycolic [ASHZ⁺¹²]. **L-rhamnose** [LFD⁺¹⁷]. **L.**
 [ACN12, ATP⁺¹⁶, AGFG19, AZSSZZ13, ACA⁺¹⁶, AAV⁺¹⁶, ARFG13,
 ASSP⁺¹⁵, Ano10c, AI11, ACM⁺¹⁴, ATP⁺¹⁷, AdOG⁺¹⁷, BNC⁺¹¹, BSWS11,
 BSC⁺¹⁴, BMD⁺¹⁴, BGRB14, BLFRCQ10, BC11, BT14, BSSH17, BMGS17,
 BMT⁺¹⁵, BHA⁺¹⁷, BNS13, BK12, BSBH10, BGCKF12, CBLN13, CBC⁺¹³,
 CVLJ⁺¹⁰, CVGR⁺¹³, CJB⁺¹⁵, CR12, CLL⁺¹⁰, CCT⁺¹¹, CLHGK17,
 CKTT10, CCHL13, CCME16, CZB⁺¹¹, CRAG⁺¹², CLLF14, DTF⁺¹⁶,
 DKG⁺¹⁷, DLLB⁺¹⁸, DMB⁺¹⁹, DLP⁺¹³, DdRTM13, DPCdR14, DTJ⁺¹⁷,
 DRdS⁺¹⁰, EPA⁺¹⁰, ECP⁺¹⁰, EWH⁺¹⁹, ELI⁺¹⁷, EDV⁺¹⁸, ESV^{+19b},
 EMA17, FLCC⁺¹⁴, FSV⁺¹⁴, FKB⁺¹⁴, FMM⁺¹⁹, FCC⁺¹³, FSC⁺¹⁶, FFP⁺¹⁴,
 FFFF15, FMH⁺¹⁵, GJVT⁺¹¹, GFO⁺¹³, GFS⁺¹⁸, GMG⁺¹⁹, GMC^{+16a},
 GJM⁺¹⁵, GIW⁺¹¹, GSS⁺¹⁰, GGH⁺¹⁰, GCMG⁺¹¹, GMC^{+16b}, GSEM13,
 GBSF12, GFR⁺¹², GRT12, GHB⁺¹¹, GCGR13, GGGM14, HHO14, HLHS11,
 HKD⁺¹⁰, HSA17, HST⁺¹³, HCL⁺¹⁴, HJN⁺¹⁹, HMW11, HFKF17, HKF⁺¹⁶].
L. [IPW⁺¹³, IAR⁺¹⁰, JCN⁺¹³, JKO⁺¹³, JQK14, JWO⁺¹⁰, JTW⁺¹⁰,
 JAR⁺¹¹, JBO⁺¹⁵, JOF⁺¹⁹, JNS⁺¹⁹, JCS11, JHRW17, JHGR13, JJSJ15,
 KAS⁺¹⁸, KTP⁺¹⁵, KSA⁺¹⁰, KPM⁺¹¹, KRFT14, KAST17, KBD13,
 KWD⁺¹⁶, LGK⁺¹⁴, LDÁM14, LAN⁺¹⁴, LLH^{+14a}, LGS⁺¹⁴, LCR⁺¹⁰,
 LJGRI⁺¹⁰, LPVGL⁺¹⁰, LBF⁺¹⁴, MBB12, MKI⁺¹⁵, MIO⁺¹⁸, MMWK19,
 MCWL13, MLMR16, MLRS⁺¹⁷, MLER⁺¹⁸, MSBB⁺¹⁶, MLF⁺¹⁰, MMBS10,
 MBS⁺¹⁷, MRSC13, MAC⁺¹⁵, MVWS13, MID^{+19b}, MID^{+19a}, MSS⁺¹²,
 MSR⁺¹⁰, MGH⁺¹⁴, MGM⁺¹⁶, MTA⁺¹⁵, MTAB15, MMH10, NLF11,
 NJK⁺¹⁷, NYRS12, NB10, OBR⁺¹⁴, OSC⁺¹⁴, ONGQ⁺¹⁴, OCLI⁺¹⁹, ONA10,
 OBD10, PAM⁺¹⁹, PBC15, PBM⁺¹⁵, PSZ⁺¹⁴, PBMB11, PGF⁺¹⁹, PHVM13,
 PFP⁺¹³, PYSS19, PB18, PPK⁺¹³, PPI⁺¹³, PFJ⁺¹⁰, PG16, PÁD18,
 PJU⁺¹³, QXW14, RHZA⁺¹⁶, Řeh13, RB15, RGD⁺¹², RMAM12, RBF14,
 RMR14, RSH11, RSIP⁺¹⁷, RBWR⁺¹⁵, SMR10, SMM⁺¹³, SFR⁺¹⁷]. **L.**
 [Sam10, SBD11, SFBW⁺¹⁷, SWM⁺¹⁵, SPKS17, SLKE10, SL15, SBH⁺¹⁶,
 SFU⁺¹³, SG12, SWH⁺¹⁴, STES14, SWWN⁺¹⁶, SWS⁺¹⁶, SKGE13, SBK⁺¹³,
 SKPS16, SKJ13, SSA13, SRB12, SNK⁺¹⁹, SJSA⁺¹⁴, TWNB⁺¹², TJB⁺¹⁵,
 TCC10a, TES11, TCM⁺¹⁹, TMC⁺¹², TNK12, Tre12, TWYC15, VDMJ⁺¹³,
 VCN⁺¹⁰, VTM⁺¹⁴, VMCM14, VFB⁺¹², WDM⁺¹⁵, WMM⁺¹⁶, WPH⁺¹³,
 WZW⁺¹⁸, WIC⁺¹⁹, WNLF⁺¹², WNSAL12, WNAF⁺¹³, WNMK⁺¹⁶,
 WNAJ⁺¹⁶, WKK12, WEPB⁺¹⁸, YSHG18, YFA⁺¹⁷, YNL11, YMBE13,
 YP17, ZCCN13, ZNHC11a, ZNHC11b, ZCP12, ZWLG10, ZPM⁺¹⁸]. **labelled**
 [KTK17, VLVS⁺¹⁶, RGD⁺¹²]. **labelling** [EPCSBP18]. **Labeo**
 [KREM14, SSSP18]. **Laboratory**
 [ZCCN13, CBW19, KCL14, KAEMSEM13, MMD16, SSK17]. **labracis**
 [RRC⁺¹⁷]. **labrax** [CKTT10, FCM⁺¹⁹, FPK⁺¹⁷, LMC⁺¹⁶, NOST⁺¹⁶,
 PBC15, PST⁺¹⁶, RRC⁺¹⁷, RGD⁺¹², TMC⁺¹², TNK12, VTM⁺¹⁴].
Labridae [MMW⁺¹⁵, Tre12, WDM⁺¹⁵]. **Labrus**
 [BVK⁺¹⁶, BT14, RSP⁺¹⁷, RSM⁺¹⁸, SRM⁺¹⁸]. **Lacépède**
 [AZSI⁺¹², CGAS19, CLZ⁺¹², CWL⁺¹⁷, LYD⁺¹⁵, MGN⁺¹⁶, WKW13]. **Lack**

[KSA⁺¹⁰, SL15]. **Lactic** [ASHZ⁺¹², PSBG⁺¹¹]. **lactis** [WEPB⁺¹⁸]. **lactococcosis** [CRBLC⁺¹⁷, CPB⁺¹⁵, FLC⁺¹⁷]. **Lactococcus** [ABT⁺¹⁴, CLT⁺¹⁴, DPMK12, FLC⁺¹⁷, HY16, PSBG⁺¹¹, TAC15, WEPB⁺¹⁸]. **Lagoon** [YMBE13, YB17]. **Lagos** [AAUHW15]. **Lake** [BSC⁺¹⁴, JMHK18, MKKM15, NFF⁺¹⁷, ARR⁺¹⁸, CMS⁺¹⁹, CMR⁺¹⁶, HWO⁺¹⁷, JST⁺¹⁹, MCW⁺¹⁸, NMV⁺¹⁹, PYSS19, TSS18, TRS19, WWZ⁺¹⁸, WKW⁺¹¹, YTKS19, YLL⁺¹⁸, YWW⁺¹⁹, BGRB14, BWB⁺¹⁷, HAP⁺¹⁰, HWO⁺¹⁷, MCW⁺¹⁸]. **lakes** [AAUHW15, EKED⁺¹⁷, FDL⁺¹⁷, KF10a, KF10b, OEG⁺¹³, WKW⁺¹¹]. **lalandei** [STIG17]. **lalandi** [KHS11, NWMK16, RBAT⁺¹⁷, STIG17, SS17]. **LamB** [YZW⁺¹⁹]. **laminin** [MBD16]. **LAMP** [HJOK11, YWW⁺¹⁹]. **Lamproglena** [MAOS⁺¹⁸]. **lanceolatus** [BFFA⁺¹², CBH⁺¹⁵, DDBC⁺¹⁵, GHW⁺¹⁵, SSF⁺¹⁷, ZDWH18]. **Landsberg** [ZYW⁺¹⁰]. **langsdorfi** [KKOY19, NSS⁺¹⁷]. **large** [HZJ⁺¹⁹, SPP⁺¹⁸, XQS⁺¹⁵, ZZA⁺¹⁴, ZWG⁺¹⁷]. **Largemouth** [CGAS19, PBBG19, ZLX⁺¹⁹]. **Larimichthys** [XQS⁺¹⁵, ZZA⁺¹⁴, ZWG⁺¹⁷]. **larvae** [BCBS⁺¹³, BRMG13, BA13, CVGR⁺¹³, DMB⁺¹⁶, DMD⁺¹⁷, DABO⁺¹⁷, EEMCEGSP16, HBH⁺¹⁹, HPY⁺¹³, KS19, KTK17, LMC⁺¹⁶, MBB12, MRN⁺¹⁹, MGF17, NRF⁺¹⁸, NDA⁺¹⁹, RGD⁺¹², RGMGG⁺¹⁸, RSH11, RCD⁺¹⁷, SPP⁺¹⁸, SCS⁺¹², TNK12, WCL⁺¹², ZJR⁺¹⁸]. **larval** [BT14, EDN18, MVM⁺¹⁸, RRO⁺¹³, RBAT⁺¹⁷]. **laser** [BCM⁺¹⁷, WNLF⁺¹²]. **late** [CCLL16, LCC⁺¹⁵, MLER⁺¹⁸]. **late-stage** [MLER⁺¹⁸]. **latency** [IFF⁺¹⁵]. **latent** [ATM⁺¹⁰, LMG⁺¹⁹]. **Lateolabrax** [SDJH16, XJL⁺¹⁹]. **lateral** [FPK⁺¹⁷, WSX⁺¹⁸]. **lateral-line** [FPK⁺¹⁷]. **Lates** [BO15, GKCC⁺¹², JHW17, KNN19, SDM⁺¹⁹, TGJCH15]. **Latris** [ABC⁺¹⁰, CB13]. **Laurentian** [FDL⁺¹⁷, KF10b]. **layer** [GLK⁺¹⁶]. **LE141** [GPGFAG19]. **LE89** [GPGFAG19]. **lead** [CCHL13, GBV⁺¹⁶, MSS⁺¹²]. **leads** [ASW16, EDV⁺¹⁸, MSG⁺¹⁸, OP14]. **leaves** [ZTF⁺¹⁰]. **Lecanicephalidea** [BCJ13]. **lectin** [ACYC10, PBC15]. **Leech** [PBBG19, KCL14]. **leei** [ERÁpSB14, SSJ⁺¹⁹]. **leg** [TTL⁺¹⁶]. **length** [NRMS14]. **lentiginosus** [AFA⁺¹²]. **Lepeophtheirus** [AHH16, AH16, BRL⁺¹³, BDD⁺¹⁸, DLLB⁺¹⁸, EDN18, FSB18a, GCGR13, HH13b, IPW⁺¹³, JCN⁺¹³, JCN⁺¹⁴, JR19, JHGR13, KJB11, KRFT14, LGJ19, NRF⁺¹⁸, NLC⁺¹⁶, NBJ10, OWM⁺¹⁷, PJZB19, PPI⁺¹³, PFC⁺¹³, SMR10, SMM⁺¹³, SMR16, SFU⁺¹³, SSA13, USM17, WWE⁺¹³]. **lepeophtherii** [MRSC13]. **lepidosarcomas** [SMS⁺¹⁹]. **Lepidotrema** [FHD13]. **Lepomis** [ALG15, BMA13, DWL⁺¹⁷, LEM⁺¹⁹, LDEH17, LFL19]. **Lernaea** [RHS⁺¹²]. **Lernaeidae** [MAOS⁺¹⁸]. **Lernaeocera** [BSWS11]. **Lernaeopodidae** [PMBM13]. **lesion** [HKF⁺¹⁶]. **Lesional** [ONGQ⁺¹⁴]. **Lesions** [BB11, AGFG19, BOH⁺¹², BMA13, CBFM16, Góm12, GHB⁺¹¹, LLS⁺¹¹, LWMT10, MPM16, PSS17, RhMM⁺¹⁵, RVB13, RSF⁺¹⁷, RBF14, SMJ⁺¹², SM14, SON⁺¹⁸, VPS⁺¹⁴, VPCM19, WNLF⁺¹²]. **Lesson** [LYD⁺¹⁵]. **Lesueur** [GPWF19, LML12, LTC⁺¹⁴, PHR14, SCZM19]. **Letaba** [HGPD11]. **lethal** [FCM⁺¹⁹, MTAB15, SRB12]. **lethality** [DIVC16]. **lethostigma**

[WWS⁺11]. **leucocytes** [CHAB10, CSCCA14]. **levamisole** [ANB⁺19, OMB⁺19]. **level** [GBV⁺16, KAS⁺18, MTLP⁺18b, PSCFB⁺18]. **Levels** [áKÁGA16, DIVC16, GDN⁺16, HGG⁺11, JKO⁺13, MMH10, RHTC19b, YAHWU11]. **LF** [RSIP⁺17, RSPA⁺18]. **LF-89-like** [RSIP⁺17, RSPA⁺18]. **Libyan** [RBS⁺16, RSF⁺17]. **Lice** [BT13, Kan18, AH16, EWRH13, FVAVMGE18, GBV⁺16, GVB⁺17b, GVB⁺17a, Gis18, CGCR13, HGH⁺18, HH13b, JCN⁺13, JKO⁺13, JCN⁺14, JMD⁺18, JR19, JHGR13, KRFT14, LGJ19, MSMM19, MMH⁺18, NRF⁺18, NBJ10, PdLC19, PJU⁺13, PFC⁺13, SMR10, SMM⁺13, SCF⁺13, SDI⁺18, SSA13, SSL18, TJA⁺13, UMMS17, VDMJ⁺13, WWE⁺13, WOD16, YAHWU11, VCLW16]. **lice-induced** [JCN⁺13, JCN⁺14, KRFT14]. **lids** [BHW⁺11]. **Life** [RRC⁺17, AJLK⁺18, JHGR13, LF18, LNC⁺17]. **ligands** [YGL⁺18]. **light** [BRL⁺13, HPAL10, LSA⁺15]. **Ligurian** [VPS⁺14]. **like** [BRB⁺12, BMH⁺19, CBFM16, dJDAVRGM⁺18, GMB⁺17, GBO⁺18, KHLL16, LLS⁺11, MBB12, MRR⁺14, MTG⁺10, MID⁺19b, NSE⁺17, PRSK10, RAVC18, RPJ⁺18, RSIP⁺17, RSPA⁺18, SHO⁺17, SHKF16, SWD⁺14, WCL⁺19, ZGY⁺18, CCLGRM⁺17, CKJ⁺14, MID⁺19a, NPGA⁺19]. **Limanda** [SBH⁺16, VDD⁺18]. **Limited** [PSCFB⁺18]. **Lindau** [HDC18]. **line** [ADR11, APG⁺11, BNC⁺11, BAMYAH19, FPK⁺17, GHH⁺11, GSBEM15, GHW⁺15, IFF⁺15, KLW10, LJC⁺19, MVM⁺18, NSE⁺17, PWHW18b, PWW19, PMW⁺10, SVL⁺17, SSG⁺19, SDR⁺15, VBL⁺15, VKK⁺19, WWS⁺11, WWZ⁺18, WZW⁺18, WKW13, Wen16, WBD⁺10b, XWP⁺18, YNL11, YCNW18]. **lineage** [MBS⁺17, SMC⁺11]. **lineages** [WBD⁺10b]. **lineata** [ABC⁺10, CB13]. **lined** [BCW⁺15, QWTL17, SBHC18]. **lines** [CLL⁺10, CGCAH12, EYF⁺19, MTHB13, NMV⁺19, VBL⁺16]. **link** [DPD⁺18, MLF⁺10]. **linked** [BWZ⁺17, DCMM13, DBM⁺14, FMA⁺19, KHLL16, NMiy14, PMH⁺11, TvWO⁺16, YLX⁺19a, ZLN⁺17]. **links** [LC17]. **Linn** [ZKL⁺19]. **Linnaeus** [ASW16, BAH⁺16, FCM⁺19, FPK⁺17, GAVC16, HSHC⁺16, LLZW14, LDEH17, MBD16, MSS⁺17b, PJZB19, TDS⁺19, WSA⁺18]. **Linnhe** [SMR16, SDI⁺18]. **lion** [PÁD18]. **lipid** [CHF⁺12, DMB⁺19, HOHG13]. **lipidosis** [DBHC17, SKPS16]. **Lipoid** [DBHC17]. **lipomatosis** [RHST⁺16]. **lipopolysaccharide** [JBGP11]. **Liposarcoma** [RHST⁺16, SBK⁺15]. **liposome** [MTK⁺10]. **liposome-coated** [MTK⁺10]. **Liquid** [BCW⁺15, SHV⁺16]. **listed** [HAS⁺19]. **Listonella** [RRO⁺13]. **Litopenaeus** [HXZ⁺16, BTN⁺18, CLW⁺13, HMV⁺17, JQK14, KS19, RPGCIG17, SSV⁺17, SVM⁺18, TMM⁺15, TDLT⁺16, TDT⁺16]. **Little** [GB18, MS16]. **little-known** [MS16]. **litulon** [FYO⁺11]. **live** [CBW19, CBM⁺18, GWM12, MBS⁺19a, TWJP10, WKK12]. **live-attenuated** [MBS⁺19a]. **Liver** [DMD⁺17, NB10, PSZ⁺14, CMS⁺19, DBHC17, FBK⁺16, JCS11, KSM⁺17, RhMV⁺15, RMAM12, TMWV14]. **living** [OMO⁺15]. **liza** [PMBM13]. **Lizard** [HSGD11]. **lizardfish** [KSAB⁺14]. **loach** [ZWL⁺16]. **load** [DD18, OBFR12, USM17, VCN⁺10]. **loads** [PdLC19]. **lobster** [CG11, SQC⁺14, ZJDL18]. **local**

[ASB⁺¹², ESV^{+19b}]. **localization** [ACYC10, PSS17]. **located** [HGW⁺¹⁹]. **location** [BNS13]. **locations** [JCN⁺¹³, JCN⁺¹⁴, KRFT14]. **Loch** [SMR16, SDI⁺¹⁸]. **loci** [PdLC19]. **locus** [MSG⁺¹⁸]. **Lom** [ZYW⁺¹⁰]. **Loma** [MVM⁺¹⁸, PG16]. **Long** [DIVC16, MSBB⁺¹⁶, KHG⁺¹⁷]. **Long-term** [DIVC16, MSBB⁺¹⁶, KHG⁺¹⁷]. **longfin** [ABM⁺¹⁵, MWS17, WTM14]. **longiceps** [GMP⁺¹¹]. **longitudinal** [GFW⁺¹⁰, JWO⁺¹⁰]. **longsnout** [DSMC17, LKT⁺¹³]. **loop** [HJOK11, JYZ⁺¹⁴, KTN⁺¹⁶, LLWL15, MSI⁺¹⁵]. **loop-mediated** [HJOK11, JYZ⁺¹⁴, KTN⁺¹⁶, LLWL15, MSI⁺¹⁵]. **loopmediated** [YWW⁺¹⁹]. **Lophiiformes** [LZGZ16]. **Lophius** [FYO⁺¹¹]. **lordosis** [LGS⁺¹⁴]. **lords** [GM11]. **Loskop** [HWO⁺¹⁷]. **loss** [TJB⁺¹⁵]. **Lost** [JMHK18]. **Lota** [PFJ⁺¹⁰]. **Lough** [MFES18]. **louse** [AHH16, BRL⁺¹³, BDD⁺¹⁸, EDN18, FSB18a, HBS⁺¹⁴, KJB11, NLC⁺¹⁶, OWM⁺¹⁷, SFU⁺¹³, USM17]. **Low** [HHO14, HZP⁺¹², JLJ16, AAZS⁺¹⁵, BLF⁺¹⁶, EDV⁺¹⁸, GAVC16, HGG⁺¹¹, LRS⁺¹⁷, LZZN10, MMBS10, MAC⁺¹⁵, MTHB13, MSK⁺¹², SVL⁺¹⁷, WZA10]. **low-frequency** [LRS⁺¹⁷]. **low-speed** [MTHB13]. **low-virulence** [BLF⁺¹⁶]. **low-virulent** [WZA10]. **Lowe** [KCD⁺¹⁴, RBS⁺¹⁶, RSF⁺¹⁷]. **lower** [ACA⁺¹⁶, OP14, HGPD11]. **LPS** [UKS⁺¹⁸, ZZQ⁺¹⁹]. **LPS-induced** [ZZQ⁺¹⁹]. **LR** [FBK⁺¹⁶]. **LS** [DJR⁺¹⁹]. **LS-12** [DJR⁺¹⁹]. **lucioperca** [BAH⁺¹⁶]. **lucius** [Řeh13]. **lugubris** [PBBG19]. **Luminal** [RRO⁺¹³]. **luminescent** [HBVB16]. **Lumpfish** [TDS⁺¹⁹, ATP⁺¹⁶, CCH⁺¹⁹, ESBE18, ELI⁺¹⁷, EDV⁺¹⁸, ESV^{+19b}, GVC⁺¹⁹, JHRW17, MLRS⁺¹⁷, PAM⁺¹⁹, PB18, RVC18, SBP⁺¹⁹, SFBW⁺¹⁷]. **lumpsucker** [AGR⁺¹⁶]. **lumpsuckers** [EWH⁺¹⁹]. **lumpus** [ATP⁺¹⁶, AGR⁺¹⁶, CCH⁺¹⁹, ESBE18, EWH⁺¹⁹, ELI⁺¹⁷, EDV⁺¹⁸, ESV^{+19b}, GVC⁺¹⁹, JHRW17, MLRS⁺¹⁷, PAM⁺¹⁹, PB18, SBP⁺¹⁹, SFBW⁺¹⁷, TDS⁺¹⁹]. **lungfish** [RSR⁺¹⁸, SFF⁺¹⁷]. **lupin** [AA10]. **Lupinus** [AA10]. **luteus** [dJDAVRGM⁺¹⁸]. **Lutjanus** [CLWJ13, HCW⁺¹⁶, ZWY⁺¹¹]. **luxatus** [JMHK18]. **lymphocystis** [CVGR⁺¹³, CCME16, HHX⁺¹⁵, JKC⁺¹¹, PHvdH12]. **Lymphocystivirus** [CVLJ⁺¹⁰]. **lymphocyte** [HCW⁺¹⁶]. **Lymphoid** [JJS⁺¹², SCZM19]. **lymphoma** [KVC⁺¹⁶]. **Lymphosarcoma** [MCWL13]. **lysogenic** [HY16]. **lysozyme** [LSC⁺¹⁴].

M [ESV^{+19b}, PMW⁺¹⁰]. **M**. [FMT⁺¹⁴, JCN⁺¹⁴, PBW⁺¹⁸, ZYW⁺¹⁰]. **macarellus** [BHW⁺¹¹]. **Maccullochella** [SJT14]. **mackerel** [BHW⁺¹¹, ONGQ⁺¹⁴, RGMGG⁺¹⁸]. **maclovinus** [GOM⁺¹⁹]. **Macquaria** [HBB14, JFWH19]. **Macrobrachium** [FMT⁺¹⁴, HO13, LYKN18, RSGB⁺¹⁴, SPP⁺¹⁸, WCW16a, ZSZF16]. **macrocephalus** [SRT⁺¹⁴]. **macrochirus** [BMA13, DWL⁺¹⁷, LEM⁺¹⁹, LDEH17, LFL19]. **macroglobulin** [LSA⁺¹⁵]. **macrophages** [DRG⁺¹⁷, UKS⁺¹⁸, WYZ⁺¹⁹]. **macropinocytosis** [LASRA⁺¹⁹]. **macropomum** [OMB⁺¹⁹, VDO^{+18b}, ANB⁺¹⁹, FCS⁺¹⁸, PdSG⁺¹², VDO^{+18a}].

macroscopic [LWMT10]. **macrostomum** [BCM⁺17]. **macrostomus** [IOO15]. **maculata** [CLZ⁺12, LGC⁺19]. **maculatus** [SDJH16]. **Magath** [RGMGG⁺18]. **magellanicus** [BRL⁺13]. **mahseer** [SM14]. **main** [RMS⁺13]. **Maine** [PJZB19]. **mainland** [CWW⁺18, ZCC18]. **maintained** [TIK⁺14a]. **maintenance** [KAEM13]. **major** [CPB⁺15, SSO⁺14, PdLC19, KLW10]. **make** [DPADO16]. **mako** [ABM⁺15]. **Malacosporea** [MJ17]. **Malaysia** [ARR⁺18, AAZS⁺15, AZSI⁺12, SZZSFN⁺14, SSO⁺14]. **MALDI** [PSVK⁺18, PSCFB⁺18]. **MALDI-TOF** [PSVK⁺18, PSCFB⁺18]. **male** [CXX16, DBS12, RhAS⁺15, VMCM14, ZDWH18]. **malformation** [WBE⁺17]. **Malformations** [MGM⁺16]. **malformed** [RHVG⁺19b]. **Malmberg** [HHO14, WKK12]. **Maltoporin** [YZW⁺19]. **mammalian** [CGCAH12]. **Man** [FMT⁺14, RSGB⁺14]. **management** [ALG15, BPK⁺17, CHF⁺12, JMD⁺18, MSCH14, SMR16, SFF⁺17]. **mandarin** [KHC⁺18, SWD⁺14, TIK⁺14a, TQW⁺14]. **Manday** [ABM⁺15]. **mandelii** [LDEH17]. **mane** [PÁD18]. **Mangifera** [AA10]. **mango** [AA10]. **manifestations** [JJB15]. **manifesting** [AAZS⁺15]. **Manila** [ACYC10, FBVC16]. **mannan** [TMC⁺12]. **marbled** [LSC⁺14, LSA⁺15, PWHW18b, PWW19, WZL⁺11, Wen16, WCW⁺16b]. **marcescens** [CBC⁺13]. **marginatus** [ALG15, KCD⁺14, PMP⁺18, PDdC⁺14, RBS⁺16, RSF⁺17]. **mariculture** [YLX⁺19a]. **marine** [ADMF15, ACYC10, BWNS⁺11, GFB⁺13, GFM⁺11, GFR⁺12, HSA17, HY16, JCN⁺13, JCN⁺14, JJB15, KPT⁺11, KRFT14, KCL14, LTC16, LTC17, LHW⁺15a, MR11, RCD⁺17, SFU⁺13, WDM⁺15]. **marinum** [APP⁺17, BVG⁺10, CBW19, CSSWK10, PBW⁺18, SMF⁺10, Sla14, SMJ⁺14]. **marisflavi** [LQL⁺10]. **maritimum** [BMH⁺19, CSCCA14, FSG⁺12, FSV⁺18, FSB⁺18c, MMS⁺16, VFB⁺12]. **Mark** [GRB⁺17, GMB⁺17, CSS⁺16, MTG⁺10]. **markedly** [LF18]. **marker** [DCMM13, DBM⁺14, MNG⁺18]. **markers** [TDH⁺10, ZFZ⁺11]. **marmorata** [PWHW18b, WCW⁺16b]. **marmoratus** [WZL⁺11]. **marron** [ABF15]. **Marsupenaeus** [ESA⁺10, MTK⁺10]. **Marteiliosis** [GKO⁺14]. **Masenia** [DAO19]. **masou** [IOO15]. **masquinongy** [Ano12c, KF10b, MF12]. **Mass** [XQS⁺15, AHB⁺17, BRMG13, FSC⁺16, GJM⁺15, LLC⁺11, LXL⁺18, MMG⁺11, RHZA⁺16]. **masses** [VPCM19]. **materials** [HH13a]. **matters** [PPK⁺13]. **mauve** [MLMR16]. **Mawsonascaris** [SDZN19]. **maximus** [HMW11, JCS11, LBF⁺14, MBB12, QXW14, SODB16, WM19, dOAPLá⁺17]. **may** [LC17, MBB12, PMH⁺11, WLX⁺10]. **Mayer** [FŠK⁺19]. **MBV** [RDN⁺12]. **McCulloch** [KRD⁺17, LLH⁺14b]. **MCP** [MNG⁺18]. **MCP43** [FMT⁺14]. **MCsialec** [ACYC10]. **MDA5** [NSE⁺17]. **meagre** [EKS⁺13]. **meal** [MTLP⁺18b]. **means** [CJB⁺15]. **measure** [RHS⁺12]. **measured** [JBO⁺15]. **measures** [NWMK16, TJR⁺18]. **mechanism** [WYZ⁺19, YLX⁺19b]. **Mechanisms** [ZCQF15, BAMYAH19, DLP⁺13, JBO⁺15]. **Medaka** [KTK17]. **media** [MB17, RSF⁺17, YSV⁺13]. **mediate** [LC17]. **mediated**

[HJOK11, JOF⁺19, JYZ⁺14, KTN⁺16, LLWL15, MSI⁺15, XXL⁺19].
medicated [TNK12, dOAPLá⁺17]. **medicinal** [AHH16]. **Mediterranean**
 [EKS⁺13, GFB⁺13, PMP⁺18, RGMGG⁺18]. **medium**
 [CLW⁺11, CLT⁺14, KAEMSEM13]. **megalocytivirus**
 [JKH⁺17, JJV⁺15, KHC⁺18, MNG⁺18, NSC⁺15].
Megalocytivirus-infected [JJV⁺15]. **megalocytiviruses** [GJK⁺11].
Megalops [BCW⁺15]. **Mekong** [BAD⁺12]. **Melaleuca** [BSD⁺18c, VGI⁺16].
melamine [PNBK13, PCK⁺15]. **melanin** [LAN⁺14]. **Melanized** [BHO⁺19].
Melanogrammus [JHM⁺18]. **melanoma** [RhAS⁺15]. **melanomacrophage**
 [PSZ⁺14]. **melanops** [PSK⁺12]. **melanopterus** [PC17, RTM⁺15].
melanotic [RVB13]. **melapterus** [HSGD11]. **melas** [BPF⁺18]. **Melh**
 [YMBE13]. **melleni** [RBAT⁺17]. **melops** [SRM⁺18]. **melting** [TCFáS19].
member [UN10]. **members** [GAC10]. **membrane**
 [CLWJ13, HGW⁺19, JSAB⁺19, KREM14, NNC⁺18, YHY⁺16].
membrane-denitrification [JSAB⁺19]. **membranes** [AI11]. **membras**
 [GJVT⁺11]. **Memoriam** [EW17]. **mercenariae** [RAVC18].
mercenariae-like [RAVC18]. **mercury** [VMCM14]. **merguiensis**
 [OLC11, OLC11]. **mesopotamicus** [CMSHS16, VGI⁺16]. **metabolic**
 [OP14, TvWO⁺16, UKS⁺18]. **metabolite** [FHZ⁺16]. **Metabolomic**
 [KOI⁺14, HZJ⁺19, LRMN17]. **metabolomics** [ZCJ⁺18]. **Metabronema**
 [SBK⁺13]. **metacercariae** [FŠK⁺19, MGM⁺16]. **Metanophrys** [SPP⁺18].
Metastatic [PC17]. **metazoan** [MS16]. **Methacarn** [FMM⁺19].
methaemoglobinemia [MMD⁺12]. **method**
 [KKT⁺18a, KKKA17, MWRSK17, Mor12, PSR⁺11, VLVS⁺16].
methodology [PPK⁺13]. **Methods** [JSJR⁺18, AGB⁺19, CBLN13, CMS⁺17,
 EA18, FMT⁺14, FCM⁺19, JSJR⁺19, KJW⁺17, MTAB15, NJK⁺17, NCNB18,
 PHvdH12, VDH19, WCW16a, XZZ16, ZCCN13, ZCC⁺15]. **metritis** [BA13].
Mexican [NNCLGC⁺11]. **Mexico**
 [BB11, dJDAVRGM⁺18, EEMCEGSP16, OGI⁺18, OCLI⁺19, RPGCIG17].
meyeni [CDM⁺16]. **MGB** [LGC⁺19]. **MH** [YYW⁺14]. **MHC**
 [LLZW14, RBM⁺16]. **MI03** [KF10b]. **Miamiensis** [LPC⁺18]. **MIC**
 [SEK⁺16, YVM⁺14]. **Michigan** [BWB⁺17, LST⁺12]. **miconazole** [SSSP18].
microalga [JDRM17]. **microbe** [LKS⁺13]. **microbial** [JSAB⁺19].
microbiome [DCZ⁺17]. **microbiota** [JKL⁺13, KOB⁺17, STIG17].
Micrococcus [dJDAVRGM⁺18]. **Microcotylidae** [TAQ⁺10]. **microcystin**
 [FBK⁺16]. **microcystin-LR** [FBK⁺16]. **microcystins** [KPM⁺11].
microdilution [GCW17, YVM⁺14]. **microdissection** [WNLf⁺12].
Microencapsulation [GCNB16]. **microflora** [BT14]. **microparasites**
 [BHT⁺17]. **Micropogonias** [MPM16]. **microporidian** [XLZ⁺17].
Micropterus [CGAS19, PBBG19, ZLX⁺19]. **microsatellite** [DCMM13].
Microscopic [SMS⁺19, BCM⁺17, LWMT10]. **microscopy** [CGCAH12].
Microsporida [FYO⁺11]. **Microsporidia** [ATP⁺16, KSAB⁺14, PG16].
microsporidian
 [ACSB⁺19, DML⁺16, DCL⁺17, MVM⁺18, MRSC13, MKH⁺11, ZCC18].

Microsporidians [LRAP17]. **microsporidiosis** [XLZ⁺17]. **middle** [SMS⁺10]. **Midichloriaceae** [CSS⁺16]. **migrating** [BHT⁺17, JCN⁺13, JCN⁺14, KRFT14]. **migratory** [HGH⁺18]. **Mikrogeophagus** [LFSZ18]. **Miller** [RAM⁺17]. **Milne** [CG11, NRMS14, SQC⁺14, ZB12]. **mimic** [LRB⁺17]. **mimicus** [ZZC⁺17]. **Minchinia** [RAVC18]. **mineralization** [PC17]. **mineralized** [TPD⁺19]. **minibicornis** [BLP10]. **Minimal** [TRS19, OM10]. **minimum** [YVM⁺14]. **minnow** [AHRH⁺10, CXW⁺19, JBGP11, MGN⁺16, WBD⁺10b]. **minnows** [PPF⁺12]. **minor** [PJZB19]. **minus** [DT16]. **miR** [FBK⁺16]. **miR-122-5p** [FBK⁺16]. **Misgurnus** [ZWL⁺16]. **Mississippi** [LEM⁺19]. **Mitchell** [FHD13, PHvdH12, SJT14, SGQ⁺15]. **Mitchill** [Ano12c, BB11, CBFM16, DGS⁺14, GRP⁺15, KF10b, KHLL16, MMD⁺12, MF12, OEG⁺13, SAD⁺12, VBL⁺16]. **mitochondrial** [CXW⁺19, YEK⁺17]. **mitochondrial-targeting** [CXW⁺19]. **mitten** [DML⁺16, DCZ⁺17, DCL⁺17, FGJ⁺10, SCS⁺12, ZB12]. **Mixed** [FSV⁺14, ESA⁺10, KBD13]. **model** [CAJD⁺18, CKvGJB17, EPCSBP18, GFM⁺11, KSAB⁺14, MSC⁺17, NSS⁺17, RAM⁺19, SCF⁺13, SZM⁺15, SSG⁺19, VMBGIC19, dOAPLá⁺17]. **Modelling** [SSA13, Gis18, GCGR13, RHTC19b, SDI⁺18]. **models** [BVK⁺16, Buc12, PYSS19]. **modified** [SLKE10]. **modulated** [KPM⁺11]. **modulates** [FVAVMGE18, GRT12, SPCR⁺19]. **modulation** [PBC15, BSB⁺18]. **Moebius** [OBR⁺14]. **Molecular** [BLL⁺17, BCM⁺17, CSS⁺16, DTM⁺10, EEMCEGSP16, FMA⁺19, HCW⁺16, KYK⁺12, KDA⁺18, LYKN18, NSE⁺17, NYRS12, PLC⁺19b, PPE⁺18, RSMH09, SHKF16, SPKS17, SRD⁺16, YYF⁺10, ZQB⁺11, BCL⁺19, DPTFC10, EAM⁺13, GAC10, IAR⁺10, LLC⁺11, LRB⁺17, MFS⁺17, MFES18, OBR⁺14, PHvdH12, PAZ18, RHZA⁺16, RCGGM15, SCD19, STIG17, SSO⁺14, VDH19, VGP⁺18, YLW⁺14, ZCC⁺15]. **molluscan** [MMG⁺11]. **molluscs** [VGP⁺18]. **monitored** [BKD17]. **Monitoring** [SNK⁺19, AGB⁺19, EWRH13, SFL⁺16]. **monoclonal** [CCLL16, HLC⁺15, KJW⁺17, LCR⁺10, PSK⁺13]. **monodon** [RDN⁺12, CWW⁺18, DCM13, DBM⁺14, FSO⁺10, JJS⁺12, MCO11, PSK⁺13, RDN⁺12, SMS⁺10, STS⁺15, SRSF10]. **Monogenea** [HSHC⁺16, TAQ⁺10, YEK⁺17]. **monogenean** [FHD13, HKG⁺15, MWS17, PHVM13, TGJCH15, VDO⁺18b]. **monogeneans** [ANB⁺19, VDO⁺18a]. **monophosphate** [VSS17]. **monstrosa** [DRdS⁺10]. **moray** [BCG⁺17, CHF⁺12]. **morbidity** [HCCM12]. **Moreau** [LPVGL⁺10]. **morhua** [BSWS11, BMGS17, BK12, FvdMF⁺18, GIW⁺11, GGGM14, HLHS11, HKD⁺10, HFKF17, MVM⁺18, MBB12, OBD10, PG16, RBWR⁺15, Sam10, ZCP12]. **moribund** [OBR⁺14, SWE⁺19]. **moringa** [CHF⁺12]. **Moritella** [BGG11, ESBE18]. **Morone** [DBS12, SBM⁺11]. **Moronidae** [RRC⁺17]. **morphogenesis** [GFS⁺14, HFT⁺12, MBT⁺17]. **Morphological** [BOH⁺12, PMBM13, RGMGG⁺18, TPD⁺19, VMBGIC19, WNMK⁺16, BC11, SDZN19].

Morphology

[NHM⁺¹⁰, YMBE13, CHWM⁺¹⁹, KSM⁺¹⁷, KOS⁺¹⁰, YLW⁺¹⁴].
morphometric [BC11]. **morphometry** [SMS⁺¹⁸]. **Morphopathological** [VFB⁺¹²]. **morphotypes** [DSL16]. **mortalities** [AHB⁺¹⁷, GJM⁺¹⁵, KCD⁺¹⁴, MBB12, NFF⁺¹⁷, RHZA⁺¹⁶, SBM⁺¹¹, VJWC⁺¹⁸, ZSZF16].
Mortality [ABM⁺¹⁵, CGP⁺¹⁹, DABO⁺¹⁷, SDM⁺¹⁹, SKJ13, SRT⁺¹⁴, TJB⁺¹⁵, BPF⁺¹⁸, BRMG13, BGC⁺¹⁷, BPK⁺¹⁷, BVT⁺¹⁸, BVL⁺¹⁸, CRAG⁺¹², DTJ⁺¹⁷, FSC⁺¹⁶, HCCM12, HBB14, HB12, JCN⁺¹³, JQK14, JJV⁺¹⁵, KHL16, KAF⁺¹⁹, KRFT14, LEM⁺¹⁹, LXL⁺¹⁸, LF16, MLMR16, MMG⁺¹¹, MMW⁺¹⁵, NNCLGC⁺¹¹, PTM⁺¹⁹, RHB⁺¹⁵, SPP⁺¹⁸, SKGE13, TMC⁺¹², XQS⁺¹⁵, JCN⁺¹⁴]. **MOS** [TMC⁺¹²]. **mosquito** [APG⁺¹¹].
mossambica [MWS17]. **mossambicus** [AZSSZZ13, NMV⁺¹⁹, TvWO⁺¹⁶, vD14]. **most** [VCOD17]. **motile** [DSJA18, PAZ18, TALA11]. **motility** [DSSB19]. **moulting** [TTL⁺¹⁶].
mounds [ARL⁺¹⁷]. **mouthrot** [FSV⁺¹⁸]. **moved** [GMN12]. **movements** [GWM12, TWJP10, WMM⁺¹⁶]. **Mozambique** [DAO19, TvWO⁺¹⁶, vD14].
mRNA [IPW⁺¹³, RBM⁺¹⁶, SJS⁺¹⁴]. **MS** [PSVK⁺¹⁸, ZCJ⁺¹⁸].
Mucoadhesive [dSCBdS⁺¹⁶]. **mucosa** [VMBGIC19]. **Mucosal** [RBL⁺¹¹, JSAH⁺¹⁸, PDLW17]. **mucous** [BGD⁺¹⁷, DPC⁺¹⁰, LDÁM14, PSR⁺¹¹, PPK⁺¹³]. **mucus** [FMM⁺¹⁹, GBSF12, JSJR⁺¹⁹, MMS⁺¹⁶, PJU⁺¹³, SLPB18, VCN⁺¹⁰]. **mud** [LQY11]. **Müller** [CDM⁺¹⁶]. **Mugil** [MVWS13, PMBM13]. **mugilid** [DCG18]. **Müller** [HLHS11]. **mullet** [PMBM13, VPS⁺¹⁴]. **mulletts** [APP⁺¹⁷]. **multi** [LCZ⁺¹⁸, RKK⁺¹⁹]. **multi-drug-resistant** [RKK⁺¹⁹].
multi-organ [LCZ⁺¹⁸]. **Multicentric** [DD15]. **multifactorial** [GTT⁺¹⁷].
multifiliis [AJLK⁺¹⁸, AMRHM18, BSD^{+18a}, CKvGJB17, vGJHS⁺¹¹, vGJKR⁺¹⁷, XKBC12, XZZ16, YYW⁺¹⁴]. **Multilocus** [ACAS14, ISCF⁺¹⁹, NMM⁺¹⁸, RDW18, WMD⁺¹⁸, VJWC⁺¹⁸]. **Multiple** [OBFR12, TSK⁺¹⁹, VPCM19, AH16, JQK14, ZDWH18]. **Multiplex** [LGS19, HRL15, LML⁺¹³, LFH⁺¹¹, NMM⁺¹⁸, TSK⁺¹⁹, THW⁺¹², VLVS⁺¹⁶].
multiplication [TKS⁺¹⁸]. **multispecies** [SFF⁺¹⁷]. **multivalent** [ZXW⁺¹²].
Multivalvulida [TOK⁺¹⁶]. **multiyear** [GM11]. **Muraena** [CHF⁺¹²].
Murray [FHD13, SJT14]. **muscle** [BCBS⁺¹³, BHO⁺¹⁹, FGJ⁺¹⁰, GRT12, LAN⁺¹⁴, LWZ⁺¹⁸, WHR⁺¹⁸, ZDWH18]. **muskellunge** [Ano12c, KF10b, MF12]. **mussel** [BRL⁺¹³, HBH⁺¹⁹]. **mussels** [GKO⁺¹⁴].
Mustelus [MS16]. **mutagenesis** [MSG⁺¹⁸]. **mutants** [EAN⁺¹⁸, GTGCM19, HBVB16, OFA11, VSS17, WBF⁺¹⁰]. **Mya** [MMD16].
Mycobacteria [KZJ⁺¹⁷, SKB10, MSK⁺¹², NHM⁺¹⁰]. **Mycobacterial** [DIH⁺¹⁶, FSV⁺¹⁴, PSS17, ZHFC11]. **Mycobacteriosis** [APP⁺¹⁷, AFA⁺¹², ACM⁺¹⁴, CDW17, CSSWK10, EDSL11, FFLC17, LRC⁺¹⁸, ONGQ⁺¹⁴, SFF⁺¹⁷, VPS⁺¹⁴, ZCP12]. **Mycobacterium** [APP⁺¹⁷, ACM⁺¹⁴, BVG⁺¹⁰, CBW19, CSSWK10, JK12, LRC⁺¹⁸, PBW⁺¹⁸, RFA⁺¹⁴, SMF⁺¹⁰, Sla14, SMJ⁺¹⁴, ZNHC11a, ZNHC11b].
mycoides [OSAA18]. **mycosis** [ŘKH18]. **myeloperoxidase**

[BSSB18, YK13]. **Myers** [LFSZ18]. **mykiss** [ASA10, ASHZ⁺¹², AOAH13, AHHR⁺¹⁰, AJLC⁺¹⁶, ABT⁺¹⁴, AA10, AMA11, BSW17, BSPP⁺¹⁸, BCLM⁺¹⁹, BHA⁺¹¹, BE19, BA14, BLFC12, CSS⁺¹⁶, CHAB10, CMH⁺¹⁷, CPB⁺¹⁵, CLS⁺¹⁵, DS10, DPTFC10, DPTCF10, DMP10, DJR⁺¹⁹, DdRTM13, DdRCP13, DPADO16, DSJA18, DT16, GCNB16, GTH11, GPFAG19, GDW⁺¹⁵, GMC^{+16b}, HKBD15a, HKBD15b, HJN⁺¹⁹, JKL⁺¹³, JDH⁺¹⁸, JML19, vGJHS⁺¹¹, vGJKR⁺¹⁷, KSM⁺¹⁷, LPA⁺¹⁰, LLS⁺¹¹, MBOC19, MNF⁺¹⁵, MSC⁺¹⁷, MCSM17, MLEM16, MTLF^{+18b}, NOV⁺¹¹, NDA10, OP14, OBFR12, OBD⁺¹¹, OSAA18, OLT⁺¹⁰, PDLW17, PSBG⁺¹¹, PLCC11, QPB⁺¹⁶, RSB13, ŘKH16, RCGGM15, RHB⁺¹⁵, SHJ⁺¹², SPCR⁺¹⁹, SCR⁺¹⁵, SKJ13, SON⁺¹⁸, VSS17, XKB12, YDO⁺¹⁶]. **Myliobatiformes** [BB11]. **myocardial** [WNLF⁺¹²]. **myocarditis** [BWNS⁺¹¹, JNS⁺¹⁹, SRM⁺¹⁸, SNK⁺¹⁹, TB12, TCM⁺¹⁹, WNSAL12, WNAF⁺¹³, WNAJ⁺¹⁶]. **myonecrosis** [HMOV⁺¹⁷, YLSW14]. **myopathy** [BMT⁺¹⁵]. **Mytilus** [BRL⁺¹³]. **myxidiosis** [MBD16]. **Myxobolidae** [LRB⁺¹⁷, RKPG16, SGQ⁺¹⁵]. **Myxobolus** [FCJH19, HAP⁺¹⁰, ME12, MKKM15, SBW⁺¹⁸, SGQ⁺¹⁵, YLW⁺¹⁴, YYF⁺¹⁰, ZWLG10, ZYW⁺¹⁰]. **myxoma** [KHS11]. **myxosporea** [YLW⁺¹⁴, CB13, ERÁpSB14, JNN⁺¹¹, LJHG14, LXL⁺¹⁸, RRC⁺¹⁷, SGQ⁺¹⁵, SSJ⁺¹⁹, YMBE13]. **myxosporean** [KOI⁺¹⁴]. **Myxozoa** [MJ17, ATP⁺¹⁶, CB13, ERÁpSB14, JNN⁺¹¹, KAEM13, LXL⁺¹⁸, MSBB⁺¹⁶, ME12, SSJ⁺¹⁹, TOK⁺¹⁶, YMBE13]. **myxozoan** [EPCBP18, SBW⁺¹⁸]. **myxozoans** [DCG18]. **Myxus** [MVWS13]. **Myzobdella** [PBBG19].

n [LJHG14, RRC⁺¹⁷, SDZN19, YMBE13, ZWLG10, dSdAdS⁺¹⁹]. **naïve** [BMK17]. **namaycush** [CMR⁺¹⁶]. **nanobubbles** [ITKH18]. **Nanoemulsion** [VDO^{+18a}, VDO^{+18b}]. **nanoencapsulated** [BSD^{+18c}]. **nanoparticles** [ASHZ⁺¹², dSCBdS⁺¹⁶, LLDL13, SSHEM11]. **Nanophyetus** [STF⁺¹⁵]. **National** [HGPD11, HOHG13, NSC⁺¹⁵]. **native** [ÇOÇ⁺¹⁶, GOM⁺¹⁹, MKKM15, RBR19, SLPB18]. **native-subunit** [ÇOÇ⁺¹⁶]. **nattectin** [LSA⁺¹⁵]. **nattereri** [EDSL11]. **Natural** [ATP⁺¹⁷, BFFA⁺¹², BLdA⁺¹⁸, BRB⁺¹², BHO⁺¹⁹, CCME16, CCMA⁺¹⁷, DMB⁺¹⁶, EA18, GRF14, KHC⁺¹⁸, KSA⁺¹⁰, LSC⁺¹⁴, MDF⁺¹⁷, OMO⁺¹⁵, SBH⁺¹⁶, SMJ⁺¹⁴]. **naturally** [AOAH13, BSD^{+18a}, DMB⁺¹⁹, FFLC17, HGB⁺¹¹, SSV⁺¹⁷]. **nauplii** [AHH16, TNK12]. **NB2011** [ZWG⁺¹⁷]. **Neagh** [MFES18]. **nearby** [MKI⁺¹⁵]. **nebulosus** [PHR14]. **necator** [CKJ⁺¹⁴]. **necrosis** [ASHZ⁺¹², AOAH13, BLdA⁺¹⁸, BRMG13, Bin14, BPK⁺¹⁷, BAH⁺¹⁸, CCLGRM⁺¹⁷, CGW⁺¹⁹, CGG⁺¹⁰, DD18, DML⁺¹⁶, ECP⁺¹⁰, EBM⁺¹⁸, FE11, GFS⁺¹⁴, HSC⁺¹⁶, HKD⁺¹⁰, JHW17, JFWH19, JOF⁺¹⁹, JSK⁺¹⁰, JMS13, JJSJ15, KKK⁺¹⁸, KTN⁺¹⁶, KYB⁺¹⁵, KDA⁺¹⁸, KBD13, KWD⁺¹⁶, LASRA⁺¹⁹, LYL⁺¹⁸, LHW^{+15a}, LCZ⁺¹⁸, LGJ19, LJGRI⁺¹⁰, LVADB17, LLL⁺¹³, MBOC19, MRN⁺¹⁹, MSI⁺¹⁵, MNM⁺¹⁸, MNM⁺¹⁹, MMH10, MMNL14, NPGA⁺¹⁹, NB10, OTN⁺¹², OKS⁺¹³, OOO⁺¹¹, PMW⁺¹⁰,

PMH⁺¹¹, PBM⁺¹⁵, RWTB17, RMSH09, SJDC⁺¹³, SWD⁺¹⁴, SSO⁺¹⁴, TIK^{+14a}, TDS⁺¹⁹, VCOD17, XJL⁺¹⁹, XJL⁺¹⁵, YHY⁺¹⁶, ZJDL18, ZLN⁺¹⁷, ZDWH18]. **necrosis-induced** [BRMG13]. **necrotic** [DCV⁺¹⁴]. **needle** [TMWV14]. **negative** [THW⁺¹²]. **negatively** [BGRB14]. **Nematoda** [MWRSK17, MGH⁺¹⁴, MPM16, RGMGG⁺¹⁸, SDZN19, SBK⁺¹³].

Nematode

[LZGZ16, BA13, DMD⁺¹⁷, FDST16, LFP^{+11a}, LFP^{+11b}, MWRSK17]. **nematodes** [Buc12]. **Nemeczek** [ZWLG10]. **Neobenedenia** [HSHC⁺¹⁶, MSCH14, RBAT⁺¹⁷, TGJCH15]. **Neoceratodus** [SFF⁺¹⁷]. **Neoechinorhynchidae** [OMB⁺¹⁹]. **Neoechinorhynchus** [OMB⁺¹⁹]. **neomycin** [ZCJ⁺¹⁸]. **neon** [SMS⁺¹⁹]. **Neoparamoeba** [CBLN13, CAS⁺¹⁸, CONN10, FGR⁺¹², LTC16, LTC17, MCCN14, NBJ10, WNO⁺¹⁸]. **Neoplasia** [GMP⁺¹¹, SGR⁺¹⁸, BCW⁺¹⁵, DIVC16, MMMD16, MMD16, RTM⁺¹⁵, SCZM19]. **neoplasm** [BWS⁺¹⁸]. **neoplastic** [HKF⁺¹⁶]. **Neotropical** [VDO^{+18b}]. **Nephroblastoma** [RHSM^{+18b}]. **nephrocalcinosis** [MVWS13]. **nephrolith** [LKT⁺¹³]. **nephrolithiasis** [LKT⁺¹³]. **Nereididae** [HVVV15]. **nerka** [BLP10, GMC^{+16a}, LGJ19, TVK⁺¹⁹]. **nervous** [BRMG13, Bin14, CGG⁺¹⁰, FYO⁺¹¹, HKD⁺¹⁰, JHW17, KKK⁺¹⁸, LYL⁺¹⁸, LHW^{+15a}, MRN⁺¹⁹, MSI⁺¹⁵, OTN⁺¹², OKS⁺¹³, TDS⁺¹⁹, XJL⁺¹⁹, ZLN⁺¹⁷, JFWH19]. **nested** [AOAH13]. **nested-PCR** [AOAH13]. **net** [TJR⁺¹⁸]. **Netherlands** [HSC⁺¹⁶]. **nettle** [AA10]. **network** [BSV⁺¹⁸]. **networks** [SVY⁺¹⁴]. **neural** [FvdMF⁺¹⁸, SSK17, WKW13]. **neurobehavioural** [SSK17]. **neurological** [SON⁺¹⁸]. **neurophila** [CB13]. **neurophilia** [CXK16, SSK17]. **neurophilus** [SGQ⁺¹⁵]. **neutralization** [CLC⁺¹⁷, GRF14]. **neutralizing** [Ano12c, MF12]. **neutrophil** [JBGP11]. **newborn** [BQP12]. **newly** [AZSSZZ13]. **next** [DWL⁺¹⁷, LMM⁺¹⁶]. **next-generation** [DWL⁺¹⁷, LMM⁺¹⁶]. **Nigella** [MA16]. **nigromaculatus** [BCT⁺¹⁷, GPWF19, SMS⁺¹⁹]. **Niimi** [LML12]. **Nile** [ACLP⁺¹⁹, ATP⁺¹⁷, AdOG⁺¹⁷, CCHL13, CLLF14, DTJ⁺¹⁷, FLCC⁺¹⁴, LLH^{+14a}, LCZ⁺¹⁸, LLL^{+18a}, MCW⁺¹⁸, NLF11, NYRS12, PYSS19, RHTC19b, RPMRLJ⁺¹⁹, SPKS17, SLKE10, SKGE13, SPS⁺¹⁹, WSA⁺¹⁸, XXL⁺¹⁹, YSHG18, ZKL⁺¹⁹]. **niloticus** [AZSSZZ13, ACLP⁺¹⁹, ATP⁺¹⁷, AdOG⁺¹⁷, CCHL13, CLLF14, CZL⁺¹⁹, DTJ⁺¹⁷, FLCC⁺¹⁴, FKB⁺¹⁴, KAS⁺¹⁸, KTP⁺¹⁵, LLH^{+14a}, LCZ⁺¹⁸, LLX⁺¹⁹, LLL^{+18a}, MCW⁺¹⁸, NLF11, NYRS12, PYSS19, RHTC19b, RPMRLJ⁺¹⁹, SPKS17, SLKE10, SL15, SKGE13, SPS⁺¹⁹, WSA⁺¹⁸, YSHG18, ZKL⁺¹⁹]. **nipponense** [ZSZF16]. **nitrate** [SSSP18]. **nitric** [YK13]. **nitrite** [MMD⁺¹²]. **nitrite-induced** [MMD⁺¹²]. **nitrogen** [BCW⁺¹⁵]. **NKEF** [BRB⁺¹²]. **nkomatiensis** [DAO19]. **NNV** [OTN⁺¹², OKS⁺¹³]. **noatunensis** [CDM⁺¹³, KBTMH⁺¹⁶, PLC^{+19b}, SKGE13, ATP⁺¹⁷, GIW⁺¹¹, SPKS17]. **noble** [OSC⁺¹⁴]. **nocardia** [KPK⁺¹⁸, CXW⁺¹⁹, CCM⁺¹¹, DSMC17, KLD⁺¹⁸, WCL⁺¹⁹]. **nocardiosis** [DSMC17, EKS⁺¹³, MYWC18]. **noctiluca** [MLMR16]. **NOD** [ZGY⁺¹⁸]. **noda** [MPJ⁺¹⁵]. **nodavirus**

[FMT⁺¹⁴, HO13, IBFL19, LYKN18, RSGB⁺¹⁴, WCW16a]. **Nodular** [QPB⁺¹⁶, DT16, LvD18, PGF⁺¹⁹]. **Non** [CSCCA14, HO13, LMM⁺¹⁵, BMT⁺¹⁵, CMS⁺¹⁹, DZC⁺¹⁶, DLCF13, DSLR16, FCM⁺¹⁹, GCNB18, GCM^{+18b}, HRL15, HBVB16, LJGRI⁺¹⁰, MSS^{+17a}, MTAB15, RBR19, TALA11, TDLT⁺¹⁶, ZZC⁺¹⁷]. **non-destructive** [BMT⁺¹⁵, CMS⁺¹⁹, LJGRI⁺¹⁰]. **Non-immune-related** [LMM⁺¹⁵]. **non-invasive** [GCNB18]. **non-lethal** [FCM⁺¹⁹, MTAB15]. **non-luminescent** [HBVB16]. **non-motile** [TALA11]. **non-native** [RBR19]. **non-O139** [ZZC⁺¹⁷]. **non-pathogenic** [TDLT⁺¹⁶]. **Non-permissive** [HO13]. **non-probed** [HRL15]. **non-respiratory** [GCM^{+18b}]. **non-rhizoid** [DSLR16]. **non-salmonid** [DLCF13]. **Non-specific** [CSCCA14]. **non-target** [MSS^{+17a}]. **non-virulent** [DZC⁺¹⁶]. **norepinephrine** [DSSB19]. **Normandy** [BVL⁺¹⁸]. **North** [GL18, EEMCEGSP16, RPGCIG17, RBR19, SBH⁺¹⁶, Tre12, DKBS17, EKT⁺¹¹, KPKP10, KWD⁺¹⁶, VCS⁺¹⁹, VDD⁺¹⁸, WMF14]. **north-east** [RBR19]. **north-west** [SBH⁺¹⁶]. **north-western** [EEMCEGSP16, RPGCIG17]. **Northeast** [STF⁺¹⁵]. **northern** [BB11, BFFA⁺¹², FSM⁺¹⁶, JMS13, KAST17, MIO⁺¹⁸, MMWK19, NJK⁺¹⁷, Reh13, DIH⁺¹⁶, VCS⁺¹⁹]. **Northwest** [GCS⁺¹⁸]. **northwestern** [BOH⁺¹²]. **Norway** [ATP⁺¹⁶, AGR⁺¹⁶, Ano10c, GFO⁺¹³, GGMG18b, GMG⁺¹⁹, HKD⁺¹⁰, HST⁺¹³, HJT⁺¹⁶, JWO⁺¹⁰, JTW⁺¹⁰, JNN⁺¹¹, JMS13, KAF⁺¹⁹, MIO⁺¹⁸, MMWK19, NOV⁺¹¹, SNK⁺¹⁹, TJB⁺¹⁵]. **Norwegian** [ATM⁺¹⁰, HBS⁺¹⁴, JJB15, MJ17, SJK⁺¹⁴, SVY⁺¹⁴, SKJ13, TES16, WNAF⁺¹³]. **notata** [OBR⁺¹⁴]. **Notropis** [LRB⁺¹⁷, MGN⁺¹⁶, HAP⁺¹⁰]. **nov** [CPP14, SPV⁺¹⁸, VDH19]. **Nova** [SCD19, DSMC17]. **Novel** [PSR⁺¹¹, TALA11, BTC⁺¹⁷, BVL⁺¹⁸, CCW⁺¹⁵, CAJD⁺¹⁸, DPMK12, DLLB⁺¹⁸, DXX⁺¹⁵, DKBS17, FFLC17, FNISE12, GFS⁺¹⁴, HHX⁺¹⁵, JKS⁺¹³, LDA⁺¹⁹, MFES18, PWW19, PKLH19, PPK⁺¹³, RAM⁺¹⁸, RRO⁺¹³, RSF⁺¹⁷, SPTDEE⁺¹⁵, VLVS⁺¹⁶, WZL13, WZQ⁺¹⁶, WCW^{+16b}, YSV⁺¹³, YLX^{+19a}]. **novemaculeata** [JFWH19]. **NsHLP** [WCL⁺¹⁹]. **nuclear** [DMD⁺¹⁷, TIK^{+14b}]. **nucleophila** [ACSB⁺¹⁹]. **Nucleospora** [ATP⁺¹⁶]. **Nucleotide** [ZGY⁺¹⁸, CPB⁺¹⁵, FCL⁺¹⁹, IBFL19]. **Nucleotide-binding** [ZGY⁺¹⁸]. **number** [ACAS14, GLK⁺¹⁶, HZP⁺¹², RWTB17]. **numbers** [HZP⁺¹², PFC⁺¹³, TES16]. **nutans** [HDC18]. **nutrient** [BCLM⁺¹⁹]. **Nutrition** [OT12, JHRW17]. **nutritional** [HWO⁺¹⁷]. **NW** [DIVC16, RAVC18]. **Nyeri** [MNM⁺¹⁹]. **NZ** [BMH⁺¹⁹]. **NZ-RLO** [BMH⁺¹⁹].

O1 [SON⁺¹⁸, ZZC⁺¹⁷]. **O1/** [ZZC⁺¹⁷]. **O139** [ZZC⁺¹⁷]. **O2b** [AHTCA⁺¹⁷]. **obese** [TvWO⁺¹⁶]. **Obituary** [WR10]. **object** [GAVC16]. **oblongum** [SAD⁺¹²]. **observation** [RSR⁺¹⁸]. **observations** [ADR11, BQP12, BMA13, SHW⁺¹¹]. **observe** [GTH11]. **obtained** [AGFG19, JMS13, OGI⁺¹⁸]. **Obtainment** [PVIM18]. **Occurrence** [BCL⁺¹⁹, LKT⁺¹³, PGF⁺¹⁹, RAM⁺¹⁸, H MV⁺¹⁷, RSB13, RSF⁺¹⁷].

occurring [ADR11, DMB⁺19]. **Ocean** [ASW16, CBM⁺17, BOH⁺12, CNN⁺10, STF⁺15, VCS⁺19]. **ocellaris** [SBK⁺15]. **ocellatum** [JK12, MSS⁺17b, YB17]. **ocellatus** [RHSM⁺18a]. **Ochroconis** [SAS⁺19]. **Ocular** [EDSL11, PAM⁺19, PSS17, CHF⁺12]. **oedema** [PTM⁺19, SEM18]. **off** [BA13, BMGS17, SBH⁺16, SEK⁺16]. **officinalis** [VDO⁺18b, ZTF⁺10]. **offshore** [CNN⁺10]. **Ogcocephalidae** [LZGZ16]. **oil** [BSD⁺18c, CLS⁺15, ELI⁺17, GMP⁺11, MA16, VDO⁺18a]. **oil-adjuvanted** [CLS⁺15]. **oil-based** [ELI⁺17]. **oils** [VGI⁺16]. **old** [WGL17]. **Oldewage** [DAO19]. **oleoresin** [VDO⁺18b]. **olfactory** [LP17]. **Olifants** [HGPD11, HOHG13, HWO⁺17]. **oligochaetes** [ME12]. **oligomerization** [ZGY⁺18]. **oligosaccharides** [TMC⁺12]. **olivaceus** [HKK⁺11b, JKC⁺11, LKS⁺13, LPC⁺18, LWZ⁺18, SSJ⁺19]. **olive** [HKK⁺11b, JKC⁺11, LKS⁺13, LPC⁺18, SMD⁺12, SSJ⁺19]. **olseni** [FBVC16]. **omp85** [KREM14]. **OmpU** [CLWJ13]. **Onchorhynchus** [DMP10]. **Onchorhynchus** [ASA10, ASHZ⁺12, AOAH13, AHHR⁺10, AJLC⁺16, ABT⁺14, AHTCA⁺17, AA10, AMA11, BSW17, BSPS⁺18, BCLM⁺19, BHT⁺17, BHA⁺11, BE19, BA14, BPPKJ10, BLP10, BMH⁺19, BLFC12, CSS⁺16, CHAB10, CMH⁺17, CPB⁺15, CLS⁺15, DS10, DWP⁺19, DPD⁺18, DPTFC10, DPTCF10, DJR⁺19, DdRTM13, DdRCP13, DPADO16, DSJA18, DT16, GMC⁺16a, GCNB16, GBO⁺18, GTH11, GPFAG19, GDW⁺15, GMC⁺16b, HKBD15a, HKBD15b, HJN⁺19, IOO15, JKL⁺13, JDH⁺18, JML19, vGJHS⁺11, vGJKR⁺17, KSM⁺17, KBE⁺14, LPA⁺10, LLS⁺11, LST⁺12, LF16, LF18, LGJ19, LWMT10, MBOC19, MNF⁺15, MSC⁺17, MCSM17, MLEM16, MTLP⁺18b, MKKM15, NOV⁺11, NDA10, OP14, OBFR12, OBD⁺11, OSAA18, OLT⁺10, PDLW17, PSBG⁺11, PLCC11, PMPG⁺16, PPE⁺18, QPB⁺16, RSB13, RKH16, RCGGM15, RHB⁺15, SMJ⁺12, STF⁺15, SHJ⁺12, SPCR⁺19, SCR⁺15, SKJ13, SON⁺18, TVK⁺19, VSS17, XKB12, YDO⁺16]. **online** [MPJ⁺15]. **onset** [GMN12]. **Ontario** [KHLL16]. **ontogeny** [BND⁺17, FPK⁺17]. **oomycetes** [SSSP18]. **oophoritis** [BA13]. **opacity** [PAM⁺19]. **opercular** [BC11, TPD⁺19]. **operon** [DS10]. **Ophiocephalus** [LL12]. **Oplegnathus** [JJV⁺15]. **optimal** [RHTC19b, dOAPLá⁺17]. **Optimization** [CMS⁺17]. **Optimized** [LGD⁺17, SCK13]. **Opuntia** [BAH⁺16]. **Oral** [ASHZ⁺12, SHJ⁺12, CMH⁺17, DPCdR14, FHZ⁺16, LLDL13, LXHL11, NFA15, SCK13]. **orally** [FHD13]. **orange** [FHZ⁺16, NNC⁺18, WCL⁺12]. **orange-spotted** [FHZ⁺16, NNC⁺18, WCL⁺12]. **orbicularis** [DTM⁺10]. **ordalii** [AHAMR⁺19]. **order** [CSS⁺16]. **Oregon** [JMHK18]. **Oreochromis** [AZSSZZ13, ACLP⁺19, ATP⁺17, AdOG⁺17, BMMC⁺15, CCHL13, CLLF14, CZL⁺19, DLPR15, DSLR16, DTJ⁺17, FLCC⁺14, FKB⁺14, ICVV16, KAS⁺18, KTP⁺15, KBTMH⁺16, LLH⁺14a, LCZ⁺18, LLX⁺19, LLL⁺18a, MCW⁺18, NMV⁺19, NLF11, NYRS12, OGI⁺18, PYSS19, PLC⁺19b, RHTC19b, RPMRLJ⁺19, SPKS17, SLKE10, SL15, SKGE13, SPS⁺19, TvWO⁺16, VMBGIC19, WSA⁺18, YSHG18, ZKL⁺19, vD14]. **ORF25**

[ZWL⁺14]. **organ** [JJS⁺12, LCZ⁺18, OOO⁺11, PMBM13]. **organic** [DD18, JKL⁺13, SHS14]. **organism** [BMH⁺19, KHLL16, LLS⁺11, MTG⁺10, VDHV⁺16]. **organisms** [GMB⁺17, GBO⁺18, RPJ⁺18]. **organs** [CSS⁺16, LCZ⁺18, ZCCN13]. **oriental** [ZSZF16]. **orientalis** [ATP⁺17, CDM⁺13, KBTMH⁺16, PLC⁺19b, SPKS17, SKGE13]. **origin** [BDD⁺18, WDM⁺15]. **originating** [NJK⁺17]. **origins** [CRS⁺13, GRG⁺16]. **ornamental** [CDM⁺13, CLHGK17, GJK⁺11, LFSZ18, NSC⁺15, NHM⁺10, PRY⁺18, RHBMM13, dASLS⁺19, SSO⁺14, VCR⁺11, ZZC⁺17]. **orocutaneous** [DD15]. **Ortholinea** [RRC⁺17]. **Ortholineidae** [RRC⁺17]. **orthoreovirus** [GB18, MIO⁺18, PPE⁺18, BHO⁺19, GMG⁺19, VCS⁺19, WHR⁺18]. **orthoreovirus-3** [GMG⁺19]. **Oscar** [RHSM⁺18a]. **OsHV** [GVLE16, GCCLRP⁺13]. **OsHV-1** [GVLE16, GCCLRP⁺13]. **osmoregulation** [LTC16]. **Osmoregulatory** [PHVM13, LGJ19]. **Osteichthyes** [CZB⁺11, PMP⁺18]. **osteosarcoma** [RHSM⁺18a]. **Ostrea** [BLSG⁺16, BWP⁺19b]. **Ostreid** [GVLE16, HPY⁺13, BVL⁺18]. **other** [BFFA⁺12, NB11]. **Outbreak** [BCT⁺17, GVC⁺19, LLH⁺14b, LXL⁺18, SDJH16, XLZ⁺17, AZSI⁺12, ACLP⁺19, BGRB14, BFFA⁺12, CGP⁺19, CCME16, CCMA⁺17, DYML⁺18, EMA17, GFB⁺19, HHC⁺18, KTP⁺15, KAF⁺19, MSS⁺17b, RBWR⁺15, SFF⁺17, TWNB⁺12, VPP⁺12, VFB⁺12, WDM⁺15, WCL⁺12, CGAS19]. **Outbreaks** [HKD⁺10, KRD⁺17, WZL⁺11, CWL⁺17, CRAG⁺12, FLC⁺17, HZP⁺12, HOHG13, JJB15, MHNY18, RDW18, STG⁺10, SJK⁺14]. **outcome** [TDT⁺16]. **Outer** [KREM14, CLWJ13, NNC⁺18]. **ova** [SWS⁺16]. **Ovarian** [RAM⁺17, CZB⁺11, SdMVS⁺16]. **ovatus** [LYL⁺18]. **overexpressing** [SNM⁺16]. **Overview** [GL18, BW18]. **ovulatory** [GM11]. **oxidase** [BSD⁺18c, BSD⁺18a, BSD⁺18d]. **Oxidative** [BCBS⁺13, MLER⁺18, BSD⁺18a, BSD⁺18d, PKLH19]. **oxide** [YK13]. **oxolinic** [TNK12]. **Oxyeleotris** [WZL⁺11]. **oxygen** [MTLP⁺18b]. **oxyrinchus** [MMD⁺12, SAD⁺12, MMD⁺12, SAD⁺12]. **oxysporum** [KDP⁺17]. **oxytetracycline** [FLCC⁺14, FGJ⁺10, YVM⁺14]. **oyster** [BLSG⁺16, BVL⁺18, CBM⁺17, CBM⁺18, CdAPdC⁺19, GCCLRP⁺13, HPY⁺13, MDC⁺18]. **oysters** [BVT⁺18, CBM⁺18, GVLE16]. **ozonation** [CB13]. **ozone** [ITKH18].

P [AFTEML19, IPW⁺13, UN10]. **P-1** [UN10]. **P-glycoprotein** [IPW⁺13]. **p53** [XJL⁺19]. **Pacific** [STF⁺15, BTN⁺18, BVT⁺18, BVL⁺18, CDM⁺13, CLW⁺13, GVLE16, GGW⁺11, GCCLRP⁺13, GCS⁺18, HLL⁺12, HCEH16, HGH⁺16, HPY⁺13, JQK14, PPE⁺18, RPGCIG17, WMF14]. **pacinii** [BT14]. **pacu** [CMSHS16, VGI⁺16]. **Pagellus** [RVB13]. **Pagrus** [EPA⁺10, KLW10, LJGRI⁺10]. **pagurus** [SWH⁺14]. **pAh** [EDP⁺17]. **pAh-1** [EDP⁺17]. **pair** [CZL⁺19, VCOD17]. **Palaemon** [SPTDEE⁺15]. **Pallas** [WMF14]. **pallasii** [GGW⁺11, HLL⁺12, HCEH16]. **Pampus** [LJC⁺19].

pancerii [TAQ⁺10]. **Pancreas** [JWO⁺10, AAUHW15, Ano10c, BMT⁺15, CJB⁺15, DMB⁺19, GBSF12, JTW⁺10, JJB15, JJM⁺17, RSP⁺17, RRG⁺19, SJK⁺14, SVY⁺14, SKJ13, TWNB⁺12]. **pancreatic** [AOAH13, BAH⁺18, CGW⁺19, ECP⁺10, FE11, JOF⁺19, JMS13, JJSJ15, KDA⁺18, KBD13, LASRA⁺19, LJGRI⁺10, LVADB17, MNM⁺18, MMH10, MMNL14, NB10, RMSH09, VCOD17]. **pangasiae** [SPV⁺18]. **Pangasianodon** [BAD⁺12, CTK⁺10, SMV⁺14, SPV⁺18, VST⁺19]. **Pangasius** [PRWG17, SZZSFN⁺14]. **Pansteatitis** [HWO⁺17, HOHG13, TvWO⁺16]. **pansteatitis-affected** [HOHG13]. **pansteatitis-suffering** [TvWO⁺16]. **Paphies** [RPJ⁺18]. **papillary** [ONA10]. **papillomatosis** [DWL⁺17]. **papulosum** [GSBEM15, WBD⁺10b]. **Parabrachiella** [PMBM13]. **Paracheirodon** [LLG⁺15, ŘKH17, SMS⁺19]. **paraffin** [FBL⁺14, FGR⁺12]. **paraffin-embedded** [FBL⁺14, FGR⁺12]. **parahaemolyticus** [CCLGRM⁺17, DD18, HXZ⁺16, ITKH18, KTN⁺16, KYB⁺15, LLDL13, LSA⁺15, LMM⁺15, LMM⁺16, ZJR⁺18]. **parahaemolyticus-infected** [LMM⁺15, LMM⁺16]. **Paralichthys** [DBHC17, HKK⁺11b, JKC⁺11, LKS⁺13, LPC⁺18, LWZ⁺18, SSJ⁺19, WWS⁺11]. **parameters** [SPCR⁺19, VST⁺19, WM19, WSA⁺18, XKB12]. **Paramoeba** [CHB⁺17, HSA17, WNMK⁺16]. **Parasite** [MWS17, USM17, ABC⁺10, BMD⁺14, BND⁺17, BCJ13, CBM⁺17, DAO19, EPCSBP18, FHD13, HHO14, HGH⁺16, LRB⁺17, ME12, MKK⁺11, MLWC11, MPM16, PZL⁺14, PMP⁺18, RAVC18, RRC⁺17, RKPG16, SBW⁺18, SBD11, SGQ⁺15, SSK17, TOK⁺16, WTM14, WNO⁺18, YMBE13, YYW⁺14, ZCC18, MJ17]. **Parasites** [SMJ⁺12, BCM⁺17, ERÁpSB14, LZGZ16, MS16, MGM⁺18, VDO⁺18b]. **Parasitic** [BA13, FŠK⁺19, AJLK⁺18, BDD⁺18, EDN18, GJMH17, vGJKR⁺17, LTC⁺14, LTC16, LTC17, SAD⁺12]. **parasitica** [RDW18, SSSP18, STES14, SWWN⁺16, TFG19]. **parasiticides** [XZZ16]. **parasitized** [JMHK18]. **parasitizing** [GAC10]. **Parasitosis** [SBK⁺13]. **Paratelphusa** [MRR⁺14, RNM⁺12]. **parauberis** [HKK⁺11b, LFSZ18, MP18, NLKA16]. **parietalis** [WEPB⁺18]. **Park** [HGPD11, HOHG13]. **parr** [STES14]. **part** [BTN⁺18, JMS13]. **partial** [GFS⁺14, RB15, ZB12]. **parva** [MKK⁺11]. **parvalbumin** [LSA⁺15]. **Parvicapsula** [BLP10, JNN⁺11]. **parvo** [MRR⁺14]. **parvo-like** [MRR⁺14]. **parvovirus** [YTL10]. **passage** [OBFR12]. **passages** [STES14]. **passively** [NPGA⁺19]. **Pasteurella** [EWH⁺19, RB15]. **Pasteurellosis** [AGR⁺16]. **Pastinachus** [SDZN19]. **pathogen** [AHITC18, AHAMR⁺19, BPMI⁺16, BMA13, DXX⁺15, DCL⁺17, DABO⁺17, EAN⁺18, EKT⁺11, FMA⁺19, FMB⁺11, KJB11, KP KP10, LITCAH19b, MB17, MSG⁺18, MFHHG18, Mor12, PKLH19, ŘKH16, RCGGM15, SHW⁺11, SP15, SMKBP17, VC17, XJL⁺15, YSV⁺13, YVM⁺14, YLX⁺19a, ZQB⁺11, ZZA⁺14]. **pathogen-associated** [RCGGM15]. **Pathogenesis** [MGN⁺16, MKY⁺15, ADF14, ICVV16, KOI⁺14, MAC⁺15, RSIP⁺17]. **Pathogenic** [BHA⁺11, ACAS14, BTN⁺18, CHH⁺14, FLVA10, HWM⁺13, HBH⁺19, KF10b, KKM⁺19, LQL⁺10, LML⁺13, MS16, MoSMS18, NMM⁺18,

STIG17, SCS⁺¹², TDLT⁺¹⁶, WZQ⁺¹⁶, YLS⁺¹⁹, ZDWH18]. **Pathogenicity** [EWH⁺¹⁹, TES11, BBP18, FMA⁺¹⁹, HXZ⁺¹⁶, JGI⁺¹⁰, JSJR⁺¹⁹, JLJ16, LQL⁺¹⁰, LQY11, NN11, PLC^{+19b}, R̄KH18, RSPA⁺¹⁸, SSF⁺¹⁷, VTM⁺¹⁴]. **pathogens** [ATJS⁺¹⁸, CGW⁺¹⁹, DSA⁺¹², DAB⁺¹², DYML⁺¹⁸, EKT⁺¹¹, LFH⁺¹¹, MDC⁺¹⁸, RAM⁺¹⁸, SHS14, VME⁺¹⁹, WMM17, ZCQF15]. **Pathologic** [ACLP⁺¹⁹, FFCL17]. **pathological** [LAN⁺¹⁴, LF16, PAZ18]. **Pathology** [MLMR16, SQC⁺¹⁴, BWB⁺¹⁷, BTC⁺¹⁷, DDBC⁺¹⁵, FYO⁺¹¹, GKCC⁺¹², LFP^{+11a}, LFP^{+11b}, MRSC13, SRT⁺¹⁴, WPH⁺¹³, WA14, Loh13]. **Pathophysiological** [PCK⁺¹⁵]. **pathway** [JNS⁺¹⁹, WTM14, XJL⁺¹⁹]. **patterns** [LMM⁺¹⁵, LMM⁺¹⁶]. **pattern** [AAZS⁺¹⁵, DBV⁺¹³, ZWY⁺¹¹]. **patterns** [AGFG19, DIVC16, EDN18, ONGQ⁺¹⁴, PHR14, RCGGM15, VDMJ⁺¹³, VMBGE17]. **paucus** [ABM⁺¹⁵]. **PCR** [KKT^{+18b}, ATM⁺¹⁰, AOAH13, AdOG⁺¹⁷, AHITC18, BKS⁺¹⁷, BBC⁺¹⁰, BMBS12, CDF⁺¹⁸, CYS17, CDG⁺¹⁴, CZL⁺¹⁹, DPMK12, DCL⁺¹⁷, ECP⁺¹⁰, FSM⁺¹⁶, FSO⁺¹⁰, FGR⁺¹², FSG⁺¹², GJK⁺¹¹, GTH11, GBSF12, HSA17, HRL15, HGB⁺¹¹, JKS⁺¹³, JNN⁺¹¹, KJW⁺¹², KBJ⁺¹³, KKT^{+18a}, LGS19, LML⁺¹³, LGC⁺¹⁹, LLS⁺¹¹, MMBS10, MCW⁺¹⁸, NLKA16, NMM⁺¹⁸, SKN⁺¹⁶, SS17, SFL⁺¹⁶, TSK⁺¹⁹, TCFáS19, TAC15, YTL10, YGL⁺¹⁸, ZCC⁺¹⁵, ZHFC11, ZFZ⁺¹¹, vBVL⁺¹⁶]. **PCR-based** [BMBS12, FSM⁺¹⁶]. **PCR-DNA** [KKT^{+18a}]. **PCRs** [MTAB15]. **PD** [Ano10c, BMT⁺¹⁵, JWO⁺¹⁰, JTW⁺¹⁰, SVY⁺¹⁴, TWNB⁺¹²]. **pear** [BAH⁺¹⁶]. **pearlspot** [MRN⁺¹⁹]. **peelii** [SJT14, SJT14]. **Pelagia** [MLMR16]. **peled** [SMS⁺¹⁸, SMS⁺¹⁸]. **Pelletan** [HMDB13]. **pellets** [SNM⁺¹⁶]. **pelvic** [FPK⁺¹⁷]. **penaeid** [BPK⁺¹⁷, CNN⁺¹⁰, HVVV15, SP15, TDLT⁺¹⁶, TDT⁺¹⁶, YTL10, PHW⁺¹⁶]. **Penaeus** [CMEV17a, CMS⁺¹⁷, CMEV17b, CWW⁺¹⁸, DCMM13, DBM⁺¹⁴, EEMCEGSP16, FSO⁺¹⁰, HXZ⁺¹⁶, JJS⁺¹², MCO11, NNCLGC⁺¹¹, OLC11, PSK⁺¹³, RDN⁺¹², SMS⁺¹⁰, STS⁺¹⁵, SRSF10, STG⁺¹⁰, SNM⁺¹⁶, TSK⁺¹⁹, TTL⁺¹⁶]. **Peninsular** [SSO⁺¹⁴]. **Pennsylvania** [SBW⁺¹⁸]. **peptide** [CMH⁺¹⁷, UN10, ZN10]. **peptides** [PMK12]. **Peracetic** [SMFM12]. **Perca** [BGRB14, BGCKF12, CGP⁺¹⁹, KHLL16, OEG⁺¹³, PHvdH12, PBM⁺¹⁵, RPM⁺¹⁹, SGQ⁺¹⁵, SKPS16]. **percae** [BGRB14]. **perch** [BGRB14, BGCKF12, CGP⁺¹⁹, FHD13, HBB14, KHLL16, OEG⁺¹³, PHvdH12, PBM⁺¹⁵, RPM⁺¹⁹, SGQ⁺¹⁵, SKPS16]. **Perciformes** [EKS⁺¹³, LXL⁺¹⁸]. **peregrinum** [PBW⁺¹⁸]. **perennis** [AA10]. **performance** [BWP^{+19b}, LKS⁺¹³, LWZ⁺¹⁸, PSCFB⁺¹⁸, PG16]. **period** [OM10, SMS⁺¹⁰]. **peripheral** [WXL16]. **peritoneal** [DRG⁺¹⁷, GSS⁺¹⁰]. **Perkinsus** [CdAPdC⁺¹⁹, FBVC16]. **permanganate** [DBS12]. **permissive** [HO13]. **Peroxide** [MGM⁺¹⁸, ACN12, FVAVMGE18, HKBD15a, HKBD15b]. **Perry** [BCW⁺¹⁵, SBHC18, WZQ⁺¹⁶]. **Persistence** [BMMC⁺¹⁵, GMN12, HCEH16, WIC⁺¹⁹, GFW⁺¹⁰]. **Persistent** [JJSJ15, PWW19, Wen16]. **perspective** [dSCBdS⁺¹⁶]. **perspectives** [Dal18, HWO⁺¹⁷, ZGY⁺¹⁸]. **Peru** [MCSM17]. **perurans** [CONN10, CBLN13, CAS⁺¹⁸, CHB⁺¹⁷, FGR⁺¹², HSA17, LTC16, LTC17,

MCCN14, NBJ10, WNMK⁺¹⁶, WNO⁺¹⁸]. **pet** [KZJ⁺¹⁷, BWM⁺¹³]. **pet-shop** [KZJ⁺¹⁷]. **PET/** [BWM⁺¹³]. **petechial** [PWW19]. **Peters** [AZSSZZ13, HVVV15, LCOZ10, MWS17, SPLV⁺¹⁵, TvWO⁺¹⁶, vD14]. **pH** [DSA⁺¹², DAB⁺¹², MMNL14]. **Phacoemulsification** [ALG15]. **Phaeochromocytoma** [TIK^{+14b}]. **Phaeophleospora** [ŘKH18]. **phages** [CHV⁺¹²]. **pharmaceutical** [AH16]. **pharmacodynamic** [RHTC19b]. **Pharmacokinetic** [RHTC19b, dOAPLá⁺¹⁷, LWJ⁺¹⁶, Sam10]. **Pharmacokinetics** [DdRCP13, DPCdR14, FHZ⁺¹⁶, GSS⁺¹⁰]. **phase** [DJR⁺¹⁹]. **PHB** [HBH⁺¹⁹]. **Phenotype** [VSS17, DPD⁺¹⁸, HBVB16]. **phenotypes** [HRNW15, TALA11]. **Phenotypic** [DLPR15, IAR⁺¹⁰, PAZ18, DMK⁺¹⁹, RVC18, SHO⁺¹⁷, WZA10, ZQB⁺¹¹]. **Phenotypical** [PKPG15]. **philippica** [YLX^{+19b}]. **philippinarum** [FBVC16]. **Philometra** [SBM⁺¹¹]. **philometrid** [MPM16]. **Philometridae** [MPM16]. **philppinarum** [ACYC10]. **phocae** [CGCAH12, GCMG⁺¹¹]. **Phoma** [dSRSHGá⁺¹⁹]. **phospholipase** [ZWG⁺¹⁷]. **phosphotransfer** [BSV⁺¹⁸]. **photobacteriosis** [KPSP⁺¹⁹]. **Photobacterium** [BBP18, CDF⁺¹⁸, CRS⁺¹³, HHM⁺¹⁴, HCL⁺¹⁴, KPSP⁺¹⁹, OJRL10, SPS⁺¹⁷]. **Phyllopharyngea** [GJMH17]. **Phyllopteryx** [LYD⁺¹⁵]. **Phylogenetic** [PHvdH12, VC17, CGP⁺¹⁹, NRMS14, NSE⁺¹⁷]. **phylogeny** [BMH⁺¹⁹, GAC10, RRC⁺¹⁷, SCD19, YLW⁺¹⁴, YMBE13]. **physical** [SDI⁺¹⁸]. **Physiological** [CRO⁺¹⁸, MSS^{+17b}]. **physiology** [BLP10, GTGCM19]. **Piaractus** [CMSHS16, FCS⁺¹⁸, VGI⁺¹⁶]. **Picornavirus** [LEM⁺¹⁹]. **Pierre** [HMDB13]. **pigment** [Góm12]. **pike** [Řeh13]. **pikeperch** [BAH⁺¹⁶]. **Pimephales** [JBGP11, MGN⁺¹⁶, PPF⁺¹², WBD^{+10b}]. **Pimphales** [AHRH⁺¹⁰]. **pink** [BPPKJ10, SMJ⁺¹²]. **PirA** [NPGA⁺¹⁹, CCLGRM⁺¹⁷, dJDAVRGM⁺¹⁸]. **pirA-** [dJDAVRGM⁺¹⁸]. **PirA-like** [CCLGRM⁺¹⁷]. **piranha** [EDSL11]. **pirB** [dJDAVRGM⁺¹⁸]. **pirB-like** [dJDAVRGM⁺¹⁸]. **Pisces** [ANB⁺¹⁹, MGM⁺¹⁶, VDO^{+18a}]. **Piscichlamydia** [WNGS⁺¹⁷]. **piscicida** [ACAS14, CDM⁺¹⁶, CGAS19, CDF⁺¹⁸, CRS⁺¹³, EAN⁺¹⁸, EA18, GPWF19, HCL⁺¹⁴, KPSP⁺¹⁹, OJRL10]. **piscicida-associated** [CDM⁺¹⁶]. **piscicola** [IAR⁺¹⁰]. **piscidin** [ZN10]. **Piscine** [GFO⁺¹³, GMC^{+16a}, MMB⁺¹⁵, BBC⁺¹⁰, BWNS⁺¹¹, GB18, JNS⁺¹⁹, KBTMH⁺¹⁶, MIO⁺¹⁸, PPE⁺¹⁸, TB12, TCM⁺¹⁹, WNSAL12, WNAF⁺¹³, BHO⁺¹⁹, GMG⁺¹⁹, SRM⁺¹⁸, SNK⁺¹⁹, VCS⁺¹⁹, WHR⁺¹⁸]. **pisciphila** [ŘKH17, ŘKH18]. **Piscirickettsia** [CRO⁺¹⁸, CIL⁺¹⁷, DRG⁺¹⁷, FCL⁺¹⁹, HBB⁺¹⁵, HKB⁺¹⁶, ISCF⁺¹⁹, LCV⁺¹⁷, MB17, MSG⁺¹⁸, MLRS⁺¹⁷, MFHHG18, MID^{+19b}, OM10, PVIM18, RGD⁺¹³, RSIP⁺¹⁷, RSPA⁺¹⁸, RE14, SHO⁺¹⁷, SHKF16, SDR⁺¹⁵, SCR⁺¹⁵, YSV⁺¹³, YVM⁺¹⁴]. **Piscirickettsiosis** [RE14, MID^{+19a}, RGD⁺¹³, RSIP⁺¹⁷]. **piscium** [CPP14, CPdPP16]. **PKD** [MJ17]. **PKD-parasite** [MJ17]. **placement** [GAC10]. **Placopecten** [BRL⁺¹³]. **plague** [KPKP10, SMKBP17, VDHV⁺¹⁶, VDH19]. **plant** [ESA⁺¹⁰, NFA15]. **plant-mixed** [ESA⁺¹⁰]. **plaque** [CCCTA⁺¹⁴]. **plasma**

[FBVC16, FBK⁺16, MMS⁺16]. **plasmid** [BLFRCQ10]. **Platax** [DTM⁺10]. **platensis** [RBH⁺17]. **platform** [JJS⁺12, MPJ⁺15]. **Platyhelminthes** [BB11, YEK⁺17]. **play** [BPCS19, WLX⁺10]. **plays** [PJZB19, ZZQ⁺19]. **plecoglossi** [ZCC18]. **plecoglossida** [HZJ⁺19, LXZ⁺19, ZZA⁺14, ZWG⁺17]. **Plecoglossus** [CONN10, FNISE12, KSS⁺15, ZCC18]. **plerocerci** [BB11]. **Pleuronectiformes** [YMBE13]. **PLGA** [ASHZ⁺12]. **ploidy** [FFP⁺14, LAN⁺14]. **PMCV** [BWNS⁺11]. **Poecilia** [ADR11, BCM⁺17, LCOZ10, SPLV⁺15]. **Poeser** [ADR11]. **Poland** [NJK⁺17]. **policies** [JMD⁺18]. **Polish** [BMGS17, MBS⁺17]. **Pollock** [Dig15, WMF14]. **polluted** [HWO⁺17]. **poly** [HBH⁺19, SCS⁺12, ASHZ⁺12, OTN⁺12, OKS⁺13]. **poly-** [HBH⁺19, SCS⁺12]. **polyclonal** [ERÁpSB14]. **Polycystic** [JCS11, RhMV⁺15, RMAM12]. **Polydora** [CBM⁺18]. **polydorid** [CBM⁺17]. **polymerase** [BHT⁺17, CGG⁺10, HLP⁺16, TSS18, THW⁺12, WSX⁺18, YEK⁺17]. **polymicrobic** [CDD⁺18]. **Polymorphism** [HBB⁺15, CPB⁺15]. **polymorphisms** [FCL⁺19]. **Polynesia** [DTM⁺10]. **polyomavirus** [WCW⁺16b]. **Polyphasic** [DLCF13]. **polyphenol** [MDF⁺17]. **polysaccharide** [ZKL⁺19]. **polystyrene** [HRNW15]. **polyvalent** [HJN⁺19]. **pomfret** [CWL⁺17, LJC⁺19]. **Pomoxis** [BCT⁺17, GPWF19, SMS⁺19]. **pompano** [AZSI⁺12, LYL⁺18, WKW13]. **pond** [DML⁺16, HMV⁺17, SMS⁺18, TSK⁺19]. **pond-reared** [DML⁺16, HMV⁺17, SMS⁺18, TSK⁺19]. **ponds** [FBS13, MSK⁺12, RHS⁺12]. **pool** [LTM⁺19]. **pooled** [HWM⁺13]. **pooling** [LTM⁺19]. **Poorly** [CIA⁺18]. **population** [BDD⁺18, DIVC16, EKS⁺13, HHO14, ISCF⁺19, LKT⁺13, LUP⁺18, MFES18, MVWS13, ONGQ⁺14, SSL18, VPS⁺14, YLL⁺18]. **populations** [AAUHW15, BGCKF12, DBM⁺14]. **porcupinefish** [SBK⁺13]. **pORF72** [KJW⁺17]. **porgy** [EPA⁺10]. **Porpostoma** [OBR⁺14]. **Portugal** [BLSG⁺16]. **Portuguese** [RRC⁺17]. **Positive** [MSC⁺17, AJLC⁺16, BHA⁺11, LLS⁺11, LBF⁺14, STS⁺15]. **possible** [IFF⁺15, MLF⁺10, Tre12, YLSW14]. **post** [DPD⁺18, ECP⁺10, EEMCEGSP16, GM11, GDN⁺16, HBB14, KS19, KAF⁺19, NB10, RSIP⁺17, RSPA⁺18, SPCR⁺19, SJSA⁺14]. **post-challenge** [SPCR⁺19]. **post-hatch** [DPD⁺18]. **post-larvae** [EEMCEGSP16, KS19]. **post-ovulatory** [GM11]. **post-release** [HBB14]. **post-smolt** [NB10, RSIP⁺17, RSPA⁺18]. **post-smolts** [ECP⁺10, KAF⁺19]. **post-stocked** [GDN⁺16]. **pot** [LYD⁺15]. **pot-bellied** [LYD⁺15]. **Potamotrygon** [MdOO16]. **Potamotrygonidae** [MdOO16]. **potassium** [DBS12, HCCM12]. **potassium-deficient** [HCCM12]. **Potential** [EKED⁺17, LLDL13, MKI⁺15, MSB⁺19, STIG17, WCR⁺18, ZJDL18, BE19, CLWJ13, CHH⁺14, CHV⁺12, GWM12, LMAKN16, MSS⁺17a, PJJ⁺12, PSK⁺12, PMPG⁺16, RAS⁺10, SHV⁺16, SSL18, WDM⁺15, WMM⁺16, WXL16, WTM14, WMF14, XZZ16, YTKS19]. **potentially** [MS16].

Potomac [DIH⁺16, PHR14]. **pouch** [ZZQ⁺19]. **povidone** [MoSMS18]. **Pox** [WNGS⁺17]. **poxvirus** [GGMG18b, GTT⁺17, GCM⁺18b, LDA⁺19].
PP_ExoU [ZWG⁺17]. **practical** [BMBS12, HHO14]. **practices** [JR19, MMH⁺18, RMS⁺13]. **pRAS1** [BLFRCQ10]. **prawn** [FMT⁺14, IBFL19, LYKN18, MCO11, NRMS14, ZSZF16]. **prawn-infecting** [IBFL19]. **praziquantel** [BCT⁺17, FHD13, OMB⁺19, ZPM⁺18]. **pre** [BHA⁺17, GBV⁺16, GDN⁺16]. **pre-** [GDN⁺16]. **pre-analytical** [BHA⁺17]. **pre-treatment** [GBV⁺16]. **preadult** [AH16]. **precipitation** [BTC⁺17]. **precision** [SK15]. **predatory** [TIK⁺14b]. **predict** [GCGR13]. **Preliminary** [ACN12, BVK⁺16]. **premises** [NSC⁺15]. **preparation** [WCW16a]. **preparations** [JBG11, SGB⁺16]. **prerecruit** [SWH⁺14]. **Presence** [BSC⁺14, GIW⁺11, MGH⁺14, VCS⁺19, AAUHW15, DPTFC10, DPC⁺10, MMW⁺15, RDN⁺12, VCR⁺11, YLSW14]. **present** [ABVS18, BHT⁺17]. **presentation** [CGP⁺19]. **preserves** [FMM⁺19]. **pressure** [SVY⁺14]. **presumptive** [LGK⁺14]. **pretty** [RKH18]. **Prevalence** [BWNS⁺11, HKK⁺11b, MIO⁺18, MMWK19, MPS⁺18, SHO⁺17, SMS⁺18, WNSAL12, BND⁺17, BWB⁺17, BWP⁺19b, CXK16, DSJA18, FSM⁺16, FFP⁺14, FHFF15, HDWM15, KKK⁺18, LUP⁺18, LQY11, MMBS10, MSK⁺12, PHR14, SBW⁺18, SMJ⁺14, ZDWH18]. **prevalent** [BAH⁺18, GMG⁺19]. **prevent** [AA10, BMK17, CB13, RHS⁺12]. **prevented** [SJS⁺14]. **prevention** [FMB⁺11, MUM⁺19]. **preventive** [SSSP18]. **prevents** [NDA10]. **previously** [GLK⁺16]. **prickly** [BAH⁺16]. **primary** [RSB13]. **primer** [CZL⁺19, GTH11, LGD⁺17]. **primer/probe** [GTH11]. **primers** [VCOD17, YEK⁺17]. **Priming** [PHW⁺16]. **Prince** [MMMD16]. **prior** [GGW⁺11]. **Pro** [RCGGM15, BSD⁺18d]. **Pro-inflammatory** [RCGGM15, BSD⁺18d]. **pro-oxidative** [BSD⁺18d]. **probe** [GTH11, LGC⁺19, SMF⁺10]. **probed** [HRL15]. **probes** [BBC⁺10, VLVS⁺16]. **probiotic** [ABF15, BLFC12, DSSB18, GCNB16, LKS⁺13]. **Probiotics** [NFA15, ASA10, LMC⁺16]. **problems** [BK12]. **Procamburus** [AMAR18, DXX⁺15, JPG⁺19, WXWD15]. **procedure** [AHITC18, HAS⁺19, LJGRI⁺10, VCOD17]. **procedures** [HWM⁺13]. **process** [LTC16]. **processes** [ARL⁺17]. **produced** [KPM⁺11, SBK⁺15, WGL17]. **produces** [CRO⁺18]. **producing** [RVC18]. **product** [WGL17]. **Production** [CCLL16, FMT⁺14, KAS⁺18, BPMI⁺16, COB⁺16, DPADO16, ESV⁺19b, HDWM15, JR19, LAN⁺14, MCO11, OLC11]. **Production-level** [KAS⁺18]. **products** [ABF15, BGG11, LKS⁺13, MMNL14, NFA15, TFG19]. **profile** [BSB⁺18]. **profiles** [PRSK10, PMK12]. **profiling** [FBVC16, HKB⁺16, LHW⁺15b, WCL⁺12]. **progenitor** [WKW13]. **progeny** [WNSAL12]. **programme** [GCS⁺18]. **programmes** [BTN⁺18]. **progression** [VPCM19]. **proinflammatory** [NSE⁺17]. **projections** [RSR⁺18]. **Proliferation** [JPG⁺19, EPCSBP18, RBL⁺11]. **proliferative** [BSW17, DMD⁺17, RBF14]. **promelas**

[AHRH⁺10, JBGP11, MGN⁺16, PPF⁺12, WBD⁺10b]. **propagation**
[EYF⁺19, GSEM13, NMV⁺19]. **properties**
[BGG11, GCMG⁺11, HOHG13, NWMK16, ZWL⁺16]. **property** [BSD⁺18c].
proposed [TMWV14]. **Prospective** [GFW⁺10, JWO⁺10]. **prospects**
[TDJ⁺10]. **protect** [GCNB16, HBH⁺19, LLDL13]. **protected** [ARFG13].
Protection [LXHL11, SLKE10, AHPR⁺16, CHV⁺12, Dal18, JOF⁺19, JLJ16,
LPA⁺10, MBS⁺19a, MSC⁺17, SSV⁺10, WBF⁺10]. **Protective**
[BGD⁺17, CGR17, MA16, EDP⁺17, ESA⁺10, HCL⁺14, JJV⁺15, LLL⁺18a,
WCR⁺18, YFA⁺17]. **protects** [BBF⁺15, CCLGRM⁺17, CSSWK10, LRC⁺18,
RPMRLJ⁺19, SNM⁺16, SRB12, WHR⁺18]. **Protein**
[FBVC16, BRB⁺12, CXW⁺19, DJQ⁺12, DMB⁺19, DJR⁺19, FMT⁺14,
KTK17, KREM14, LC17, MTK⁺10, NRMS14, NNC⁺18, NMIY14, PLCC11,
RRG⁺19, SCK13, SNM⁺16, SOGR⁺19, VSS17, WCW16a, WCL⁺19,
XXL⁺19, YZW⁺19, ZWG⁺18, ZWG⁺17, ZLN⁺17, CLWJ13]. **protein-based**
[ZWG⁺18]. **protein-labelled** [KTK17]. **protein-OmpU** [CLWJ13].
protein-to-lipid [DMB⁺19]. **proteins**
[GSEM13, GAEK⁺14, HLC⁺15, JKC⁺11, KREM14, LLC⁺11, LLL⁺12,
LMAKN16, PLCC11, RAS⁺10, SRSF10, SRD⁺16, WBF⁺10].
proteobacteria [CMR⁺16, KMGK⁺18]. **proteolytic** [SLPB18]. **Proteomic**
[PJU⁺13, GPL⁺12, TCS19]. **protocol** [LWWS14, SEK⁺16, YVM⁺14].
Protopterus [RSR⁺18]. **Prototheca** [JDRM17]. **protothecosis** [JDRM17].
Protozoa [SPP⁺18]. **protozoan** [LPC⁺18, PZL⁺14]. **protozoans**
[MUM⁺19]. **Province** [LQY11]. **Provisional** [GCW17]. **Prussian** [LLL⁺13].
PRV [BHO⁺19, GFO⁺13, GB18, VCS⁺19]. **PRV-1** [VCS⁺19]. **PSD**
[MNF⁺15]. **Pseudambassis** [Góm12]. **pseudobranchicola** [JNN⁺11].
Pseudocapillaria [KWGS19, MWRSK17, MKK⁺11]. **Pseudocyst** [LTC17].
Pseudodactylogyrus [MWS17]. **pseudodispar** [ME12]. **Pseudoloma**
[CXK16, SSK17]. **Pseudomonas** [AJLK⁺18, ARFG13, BSSB18, BSD⁺18c,
GPFAG19, HZJ⁺19, LDEH17, LXZ⁺19, SM14, SBW11, ZZA⁺14, ZWG⁺17].
pseudomycoides [OSAA18]. **Pseudoplatystoma** [FLC⁺17].
Pseudorasbora [MKK⁺11]. **Pseudosciaena** [HZJ⁺19]. **Pseudoterranova**
[BK12]. **pseudotuberculosis** [VPS⁺14]. **psychrophilum**
[SBW11, BLFC12, CHV⁺12, CAJD⁺18, DMP10, DJR⁺19, FNISE12, GPL⁺12,
HKBD15a, HKBD15b, HJN⁺19, HRNW15, JDH⁺18, JML19, KSS⁺15,
LLC⁺11, LPCC12, MBS⁺19a, MBOC19, NN11, NSB⁺18, NOV⁺11, OBD⁺11,
PDLW17, PLCC11, PFJ⁺10, RHB⁺15, SDWA18, SEK⁺16, SWE⁺19, SW11].
Pterodon [VDO⁺18a]. **PTS** [XXL⁺19]. **puffer** [KOI⁺14, MKMY10]. **Puffy**
[MNF⁺15]. **pulchella** [MAOS⁺18]. **pulcher** [ŘKH18]. **pulsed** [TAC15].
pulsed-field [TAC15]. **Pulteney** [PDdC⁺14]. **pumpkinseed** [LDEH17].
punctatus [BBF⁺15, LTC⁺14, MP18, PRSK10, RKPG16, YSK13, YK13].
puntazzo [KPT⁺11]. **Puntius** [SMD⁺12]. **Purification**
[DLCC⁺13, CCCTA⁺14]. **Purified** [RHB⁺15]. **Purinergic** [BSB⁺18].
purposes [DAB⁺12]. **purse** [LLZW14]. **Putative**
[LSC⁺14, GCNB16, GSEM13, YK12]. **putitora** [SM14]. **putrefaciens**

[CDD⁺18, EMA17, MP18, PKPG15]. **Pygidiopsis** [BCM⁺17]. **Pygocentrus** [EDSL11].

qPCR [AGB⁺19, GCNB18, GM10, GDN⁺16, OBD⁺11, VLVS⁺16, VCOD17]. **qPCR-based** [GCNB18]. **qRT** [ECP⁺10]. **qRT-PCR** [ECP⁺10]. **Quality** [TWNB⁺12, MoSMS18]. **Quantification** [OBD⁺11, BKS⁺17, CDF⁺18, FSO⁺10, GCNB18, LGC⁺19, PPK⁺13, TCF⁺19, VCOD17]. **quantifying** [PSR⁺11]. **quantitation** [NLKA16]. **Quantitative** [LLS⁺11, NSC⁺18, NWMK16, NOST⁺16, SSJ⁺19, BHT⁺17, CMEV17b, EAM⁺13, FGR⁺12, FSG⁺12, JBO⁺15, LGC⁺19, SS17, SFL⁺16, TSS18, VST⁺19]. **quarantine** [NSC⁺15, RHS⁺12]. **quaternary** [MoSMS18]. **Queensland** [BFFA⁺12, BDB⁺18, CBH⁺15, DDBC⁺15, Dig13, Dig15, OLC11, Pol15]. **quelen** [CCMA⁺17]. **quenching** [DSSB18]. **quinolones** [HBB⁺15]. **quinqueradiata** [MFS⁺17, YYF⁺10]. **Quinsam** [BPPKJ10]. **Quorum** [NDA⁺19, DSSB18, HBVB16, ZCQF15]. **Quoy** [CCMA⁺17, PC17, WCW⁺16b].

r [FMT⁺14]. **r-MCP43** [FMT⁺14]. **rabbitfish** [DRdS⁺10]. **Rachycentron** [CLL⁺10, HCL⁺14, HSHC⁺16, PSS17, SPS⁺17, TWYC15]. **Radiological** [FvdMF⁺18, RHST⁺16]. **Rafinesque** [AHHR⁺10, BBF⁺15, BMA13, DWL⁺17, HAP⁺10, JBGP11, LTC⁺14, LL11, LRB⁺17, LDEH17, MGN⁺16, PPF⁺12, PRSK10, RKPG16, YSK13, YK13]. **Rainbow** [DJR⁺19, vGJKR⁺17, ASA10, ASHZ⁺12, AOAH13, AHHR⁺10, AHPR⁺16, AJLC⁺16, ABT⁺14, AA10, AMA11, BSW17, BSPS⁺18, BCLM⁺19, BKD17, BHA⁺11, BE19, BA14, BLFC12, BAH⁺18, CSS⁺16, CGW⁺19, CHAB10, CKJ⁺14, CMH⁺17, CAJD⁺18, CPB⁺15, CLS⁺15, DS10, DPTFC10, DPTCF10, DMP10, DSSB18, DSSB19, DdRTM13, DdRCP13, DPADO16, DSJA18, DT16, GRB⁺17, GMB⁺17, GCNB16, GPFAG19, GDW⁺15, GMC⁺16b, HKBD15a, HKBD15b, HJN⁺19, JKL⁺13, JAJC⁺18, JDH⁺18, JML19, vGJHS⁺11, KSM⁺17, LPA⁺10, LP17, LLS⁺11, MBOC19, MNF⁺15, MSC⁺17, MCSM17, MHNY18, Mor12, MTLP⁺18b, MNM⁺18, MNM⁺19, NB11, NOV⁺11, NDA10, OP14, OLVJ⁺13, OBFR12, OBD⁺11, OSAA18, OLT⁺10, PDLW17, PMW⁺10, PMH⁺11, PSBG⁺11, PLCC11, QPB⁺16, RSB13, R⁺KH16, RCGGM15, RBL⁺11, RHB⁺15, SHJ⁺12, SPCR⁺19, SCR⁺15, SON⁺18, SSC17, VSS17, XKB12, YDO⁺16]. **raised** [AdOG⁺17, KTP⁺15, SBM⁺11]. **Ralstonia** [HBH⁺19]. **ram** [LFSZ18]. **ramirezi** [LFSZ18]. **ranavirus** [GJM⁺15, KRd⁺17]. **ranaviruses** [VCR⁺11, WBD10a]. **ranch** [SFU⁺13]. **Randomized** [BSBH10]. **ranga** [Góm12]. **range** [BMBS12, BGD⁺17, KF10a]. **ranges** [LHW⁺15a]. **Ranzani** [BCG⁺17, CHF⁺12]. **RAPD** [DBM⁺14]. **RAPD-SCAR** [DBM⁺14]. **Raphidascarididae** [RGMGG⁺18]. **Rapid** [ASSP⁺15, CCHL13, HJOK11, KKT⁺18b, LFH⁺11, SEM18, WSX⁺18, WKK12, ZFZ⁺11, ZLN⁺17, CDF⁺18, CZB⁺11, HH13b, KPSP⁺19, KKT⁺18a, LDÁM14, LXX⁺17, MSI⁺15, YWW⁺19, YLX⁺19a]. **rare**

[GKO⁺14]. **rate** [VDHV⁺16]. **rates** [MPS⁺18, OP14]. **Rathbun** [FSM⁺16]. **ratio** [DMB⁺19]. **Ratzeburg** [RFA⁺14]. **raw** [TWNB⁺12]. **ray** [BB11, BCJ13, VPCM19]. **rays** [BDB⁺18]. **razor** [PDdC⁺14]. **rDNA** [ZfZ⁺11]. **re** [BSW17, PFC⁺13]. **re-exposure** [BSW17]. **re-infection** [PFC⁺13]. **reaction** [BHT⁺17, BTC⁺17, TSS18, THW⁺12, YEK⁺17]. **reactions** [ESV⁺19b, GGGM14]. **reactor** [JSAB⁺19]. **Real** [HGB⁺11, JNN⁺11, ATM⁺10, AdOG⁺17, BKS⁺17, BKD17, BMBS12, CDF⁺18, CDG⁺14, DCL⁺17, FSO⁺10, FGR⁺12, FSG⁺12, GJK⁺11, GTH11, GBSF12, HRL15, JKS⁺13, KJW⁺12, KBJ⁺13, LGC⁺19, MMBS10, MSI⁺15, NLKA16, TCFáS19, YTL10, ZHFC11, vBVLR⁺16]. **Real-time** [HGB⁺11, JNN⁺11, ATM⁺10, AdOG⁺17, BKS⁺17, BKD17, BMBS12, CDF⁺18, CDG⁺14, DCL⁺17, FSO⁺10, FGR⁺12, FSG⁺12, GJK⁺11, GTH11, GBSF12, HRL15, JKS⁺13, KJW⁺12, KBJ⁺13, LGC⁺19, MMBS10, MSI⁺15, NLKA16, TCFáS19, YTL10, ZHFC11, vBVLR⁺16]. **reared** [APP⁺17, BRMG13, CONN10, DML⁺16, GTT⁺17, HMV⁺17, JWO⁺10, LHW⁺15a, MSS⁺17b, OBR⁺14, PSS17, PFP⁺13, RBWR⁺15, SBP⁺19, SMS⁺18, TSK⁺19, WBE⁺17, XQS⁺15]. **rearing** [MUM⁺19, MPS⁺18]. **Reassortant** [SODB16, SOA⁺18, SOGR⁺19]. **recaptured** [MKI⁺15]. **recently** [GTT⁺17]. **receptor** [NYRS12, VSS17]. **receptors** [NSE⁺17, PRSK10, SHKF16, TQW⁺14, ZGY⁺18]. **recirculating** [BTN⁺18]. **recirculation** [ACM⁺14, GDW⁺15, JSAB⁺19]. **recognized** [GCM⁺18b]. **recognizing** [YLS⁺19]. **Recombinant** [CCLGRM⁺17, CGW⁺19, EBM⁺18, FMT⁺14, vGJKR⁺17, LMAKN16, MTK⁺10, WCW16a, YSK13, ZWG⁺18]. **recombinase** [WSX⁺18]. **Recommendations** [BTN⁺18]. **recompressed** [PSK⁺12]. **record** [BMA13, HHC⁺18, LRB⁺17, MCCN14, SPP⁺18, SFBW⁺17, ZCC18]. **recovered** [DLCF13]. **Recovery** [BC11, GPWF19, OSC⁺14, OSA18, PSK⁺12, SM14, EA18, MGM⁺18]. **recruit** [CBM⁺18]. **recruits** [WOD16]. **recurrent** [VPCM19]. **red** [AMAR18, AZSSZZ13, AI11, CSS⁺16, DLPR15, DSLR16, EPA⁺10, EDSL11, GM11, ICVV16, IGLG⁺17, JKH⁺17, KKK⁺18, KHC⁺18, KLW10, LLZW14, MTG⁺10, PCK⁺15, RPMRLJ⁺19, XJL⁺19, GRB⁺17, GMB⁺17]. **red-bellied** [EDSL11]. **red-mark** [MTG⁺10]. **red-spotted** [KKK⁺18, XJL⁺19]. **redbanded** [LJGRI⁺10]. **redescription** [ZYW⁺10]. **Redfin** [PBM⁺15]. **redspotted** [CGG⁺10, MRN⁺19, ZLN⁺17]. **reduce** [WNO⁺18]. **reduced** [STF⁺15]. **reduces** [CBM⁺17, PFC⁺13, RHB⁺15]. **reducing** [SSC17]. **reduction** [LRS⁺17, QWTL17]. **reductions** [QZZ⁺18b]. **reef** [BGC⁺17, CDM⁺13, PC17]. **refeeding** [CMEV17a]. **references** [HBS⁺14]. **refined** [NNC⁺18]. **regalis** [CCM⁺11]. **Regan** [RhAS⁺15]. **regardless** [MTLP⁺18b]. **regime** [LAN⁺14]. **regimen** [RHTC19b]. **regimes** [BRL⁺13]. **Region** [AAUHW15, MdOO16, DPMK12, EKED⁺17, dSdAdS⁺19, BNS13]. **regions** [HZP⁺12, TQW⁺14, CCW⁺15]. **regius** [EKS⁺13, TAQ⁺10]. **regulation** [HGX⁺19, RBM⁺16, SJSA⁺14, VMBGE17, XXL⁺19]. **reidi**

[DSMC17, LKT⁺¹³]. **reinforced** [MKI⁺¹⁵]. **reinhardtii** [CSA⁺¹⁵]. **related** [BCLM⁺¹⁹, COB⁺¹⁶, FVAVMGE18, FSB18a, HST⁺¹³, JBO⁺¹⁵, JJS⁺¹², LMM⁺¹⁵, LMM⁺¹⁶, PdLC19, SKJ13, TCC10a, WCW^{+16b}]. **relation** [JHRW17, RAS⁺¹⁰]. **relationship** [LWMT10, SAD⁺¹²]. **Relationships** [OLT⁺¹⁰, MKKM15]. **Relative** [SMJ⁺¹⁴, CDG⁺¹⁴, FSO⁺¹⁰, FMH⁺¹⁵, GMC^{+16b}, SSJ⁺¹⁹]. **relatively** [GRP⁺¹⁵]. **release** [HBB14]. **relevant** [PSVK⁺¹⁸, RHB⁺¹⁵, SWD⁺¹⁴]. **Reliability** [HWM⁺¹³]. **reliable** [Sla14]. **remarkable** [WGL17]. **remedy** [BE19]. **removal** [LL11]. **renal** [CBFM16, RHSM^{+18a}]. **Renibacterium** [BPMI⁺¹⁶, BAMYAH19, EAM⁺¹³, HDWM15, áKÁGA16, LMG⁺¹⁹, PFJ⁺¹⁰, PMPG⁺¹⁶, STF⁺¹⁵]. **reovirus** [DPADO16, FSM⁺¹⁶, GFO⁺¹³, GMC^{+16a}, LXHL11, MMB⁺¹⁵, WCR⁺¹⁸, WNSAL12, ZCCN13, ZCC⁺¹⁵, ZWG⁺¹⁸, ZB12, ZSZF16]. **repair** [FvdMF⁺¹⁸]. **repeat** [ACAS14, HZP⁺¹²]. **Repeated** [WNO⁺¹⁸, CAS⁺¹⁸, JAJC⁺¹⁸]. **repeats** [HZP⁺¹², JGI⁺¹⁰]. **repellents** [OWM⁺¹⁷]. **repetitive** [CYS17, TAC15]. **repetitive-element** [CYS17]. **replication** [AGB⁺¹⁹, GSBEM15, GGW⁺¹¹, HLP⁺¹⁶, JQK14, RNM⁺¹², SOGR⁺¹⁹]. **Reply** [Dig15]. **report** [ALG15, ATP⁺¹⁶, BMK17, BRMG13, BO15, BHW⁺¹¹, CIA⁺¹⁸, CSA⁺¹⁵, DBHC17, EPA⁺¹⁰, FKB⁺¹⁴, GL18, GRB⁺¹⁷, JDRM17, KPK⁺¹⁸, KDP⁺¹⁷, LGK⁺¹⁴, LFSZ18, MdOO16, MVWS13, OOO⁺¹¹, SPS⁺¹⁷, SdMVS⁺¹⁶, WBE⁺¹⁷, ZxYJ⁺¹⁹]. **reported** [ZWL10]. **reports** [RBF14, SWE⁺¹⁹]. **representing** [KWD⁺¹⁶]. **reproduction** [SSA13]. **Republic** [PFP⁺¹³]. **required** [HGW⁺¹⁹, KZJ⁺¹⁷, NDA⁺¹⁹]. **rerio** [AMRHM18, Bin14, CXK16, CKvGJB17, EDP⁺¹⁷, KWGS19, LHW⁺¹², LHW^{+15b}, MLR⁺¹², MWRSK17, RAM⁺¹⁹, SZM⁺¹⁵, SSK17, ZJR⁺¹⁸]. **research** [MPJ⁺¹⁵, SSK17, TMWV14]. **reservoir** [WMF14]. **reservoirs** [EA18, GB18, MSK⁺¹²]. **residence** [SMJ⁺¹²]. **resident** [áKÁGA16]. **residual** [TNK12]. **residue** [DdRCP13, DPCdR14]. **residues** [FGJ⁺¹⁰]. **Resistance** [JAR⁺¹¹, KNN19, MRN⁺¹⁹, AAZS⁺¹⁵, BSW17, CIL⁺¹⁷, CKTT10, CYS17, CPB⁺¹⁵, DMP10, DBM⁺¹⁴, FCL⁺¹⁹, HBS⁺¹⁴, HBB⁺¹⁵, JOF⁺¹⁹, LKS⁺¹³, LLZW14, NB11, OLT⁺¹⁰, SMM⁺¹³, SWD⁺¹⁴, SPS⁺¹⁹, TCC10a, VST⁺¹⁹, WM19, WSA⁺¹⁸, ZYW⁺¹⁰, ZDWH18]. **resistant** [GTGCM19, GRP⁺¹⁵, LLX⁺¹⁹, LSA⁺¹⁵, OFA11, PBM⁺¹⁵, RKK⁺¹⁹, RHBMM13, ZCJ⁺¹⁸]. **resisting** [WXWD15]. **respectively** [MAOS⁺¹⁸]. **respiratory** [CHAB10, GCM^{+18b}, UKS⁺¹⁸]. **Response** [JCN⁺¹⁴, JSAH⁺¹⁸, MGM⁺¹⁸, ABC⁺¹⁰, BSD^{+18b}, BSB⁺¹⁸, BCBS⁺¹³, BAMYAH19, CLGP15, CGR17, CKJ⁺¹⁴, CKvGJB17, CCME16, DPC⁺¹⁰, DMB⁺¹⁶, DJR⁺¹⁹, DCZ⁺¹⁷, ELI⁺¹⁷, EDV⁺¹⁸, FBVC16, GAVC16, HGH⁺¹⁸, HSGD11, HKBD15b, HMW11, HGX⁺¹⁹, HSHC⁺¹⁶, JAJC⁺¹⁸, vGJKR⁺¹⁷, KBD13, LSC⁺¹⁴, LMM⁺¹⁶, LHW⁺¹², LHW^{+15b}, MWS17, NSC⁺¹⁸, NYRS12, PKLH19, PMK12, RBAT⁺¹⁷, RCGGM15, RSPA⁺¹⁸, SSSP18, SPS⁺¹⁹, SJSA⁺¹⁴, TCC10a, TMC⁺¹²]. **response-related**

[LMM⁺16]. **responses**
 [Ano12c, BLF⁺16, BGD⁺17, Buc12, CRS⁺13, CSCCA14, FSB18a, HXZ⁺16, HZX⁺13, JMF⁺18, JPG⁺19, LMC⁺16, MF12, MSS⁺17b, NNC⁺18, PPF⁺12, QZZ⁺18b, STS⁺15, SVL⁺17, TMM⁺15, YSHG18, ZZQ⁺19]. **responsible**
 [MHNY18]. **restocking** [VPP⁺12]. **Restricted** [PMH⁺11]. **restriction**
 [BCLM⁺19, BLF⁺16, RHB⁺15]. **Result** [TDS⁺19]. **results**
 [FBAS16, GRF14, HBS⁺14, JWO⁺10, KZJ⁺17]. **retained** [ABM⁺15].
retention [BDD⁺18]. **reticulata** [LCOZ10, SPLV⁺15]. **retifera** [CHF⁺12].
retinopathy [DVC⁺17, GFB⁺13, NOST⁺16, VPP⁺12]. **retrieved**
 [VGP⁺18]. **Retrospective** [CXK16, NB10]. **returning**
 [JKO⁺13, LST⁺12, MIO⁺18, MMWK19]. **revealed** [WMD⁺18]. **reveals**
 [BLF⁺16, EDN18, EPCSBP18, IBFL19, MAC⁺15, MLWC11, RDW18, RSPA⁺18, WGL17, XJL⁺19, ZCJ⁺18]. **reverse**
 [LGD⁺17, TSS18, YWW⁺19]. **Revie** [JCN⁺14]. **review**
 [DVC⁺17, GFS⁺18, MR11, Rob10, RAS⁺10, RE14, SAS⁺19, SMKBP17, WMM17, WBD10a, Dal18]. **revision** [ZWLG10]. **RFLP** [LGD⁺17].
RGNNV [SOA⁺18, ZLN⁺17]. **Rhabdosargus** [SGR⁺18]. **rhabdovirus**
 [AHB⁺17, BPF⁺18, BMMP⁺14, CGP⁺19, HMP⁺12, SJDC⁺13, SDJH16, YMH⁺11]. **Rhamdia** [CCMA⁺17]. **rhamnose** [LFD⁺17]. **Rhinobatos**
 [AFA⁺12]. **Rhinoptera** [BB11, VPCM19]. **Rhinopteridae** [BB11]. **rhizoid**
 [DSL16]. **Rhizoprionodon** [BA13]. **Rhodococcus** [PBMB11].
Rhogostoma [DT16]. **rhombus** [LPVGL⁺10]. **rhusiopathiae** [CSA⁺15].
rhusiopathiae- [CSA⁺15]. **ribavirin** [HLP⁺16]. **rice** [MRR⁺14, RNM⁺12].
rice-field [MRR⁺14, RNM⁺12]. **rich** [HBH⁺19, YFA⁺17]. **Richardson**
 [BA13, CSA⁺15, HBB14, KSAB⁺14, MKKM15, XQS⁺15, ZZA⁺14].
rickettsia [BMH⁺19, GBO⁺18, LLS⁺11, MTG⁺10, RPJ⁺18]. **rickettsia-like**
 [BMH⁺19, GBO⁺18, LLS⁺11, MTG⁺10, RPJ⁺18]. **Rickettsiales**
 [CSS⁺16, GMB⁺17]. **Rickettsiales-like** [GMB⁺17]. **rifampicin**
 [GPL⁺12, OFA11]. **rifampicin-attenuated** [GPL⁺12].
rifampicin-resistant [OFA11]. **RIG** [NSE⁺17]. **RIG-I-like** [NSE⁺17]. **Risk**
 [YAHWU11, JMD⁺18, KAS⁺18, MKKM15, NSC⁺15, PPF⁺12, TRS19, WMM⁺16]. **Risso** [MKH⁺11, RVB13, dSRSHGá⁺19]. **ritteri** [SPTDEE⁺15].
River [BPPKJ10, JMhk18, SBW⁺18, ARR⁺18, MKI⁺15, ZSZF16, BLP10, DIH⁺16, HOHG13, HWO⁺17, áKÁGA16, LEM⁺19, PHR14]. **rivers**
 [LUP⁺18, MJ17, HGPD11]. **rivulatus** [YCNW18]. **RLO** [BMH⁺19]. **RLRs**
 [NSE⁺17]. **RMS** [GRB⁺17]. **RNA** [CGG⁺10, EDN18, GMN12, HLP⁺16, HMP⁺12, KKT⁺18b, PPE⁺18, WNSAL12]. **RNA-dependent**
 [CGG⁺10, HLP⁺16]. **RNAi** [GSBEM15]. **rock** [JJV⁺15, JLJ16]. **rockfish**
 [HKK⁺11a, PSK⁺12, ZxYJ⁺19]. **Rodlet** [SJT14, BDM⁺18]. **Rodney**
 [Rob14a]. **rogercresseyi** [BNS13, FVAVMGE18, GAVC16, GOM⁺19, HBS⁺14, MSMM19, MGM⁺18, VMBGE17, YAHWU11]. **rohita**
 [KREM14, SSSP18]. **role**
 [BCLM⁺19, BPCS19, DJQ⁺12, HGX⁺19, HOHG13, KSS⁺15, NFA15, NLC⁺16, NBJ10, PJZB19, RAS⁺10, STIG17, TWJP10, WYZ⁺19, XJL⁺19].

Roles [MoSMS18, WLX⁺10, ZZQ⁺19]. **roretzi** [KOS⁺10, PZL⁺14].
rosenbergii [FMT⁺14, HO13, LYKN18, RSGB⁺14, SPP⁺18, WCW16a].
Rosmarinus [ZTF⁺10]. **rostrata** [LML12]. **rotiferianus** [ZxYJ⁺19].
rotundus [ZWL10]. **rough** [HRNW15]. **rougtail** [CBFM16]. **round**
 [GFB⁺19]. **route** [SHJ⁺12]. **routes**
 [BKD17, CMH⁺17, DDBC⁺15, FYO⁺11, KSA⁺10]. **rPCR** [LMG⁺19]. **rpoB**
 [RB15]. **rpoS** [HGX⁺19]. **rRNA** [DPMK12, LWWS14, OBR⁺14, RB15]. **RT**
 [AGB⁺19, GBSF12, HGB⁺11, JKS⁺13, KKT⁺18b, LMG⁺19, SKN⁺16,
 VLVS⁺16, VCOD17, YWW⁺19]. **RT-LAMP** [YWW⁺19]. **RT-PCR**
 [GBSF12, HGB⁺11, JKS⁺13, SKN⁺16]. **RT-PCR-DNA** [KKT⁺18b].
RT-qPCR [AGB⁺19, VLVS⁺16, VCOD17]. **RT-rPCR** [LMG⁺19]. **RTG**
 [PMW⁺10]. **RTG-2** [PMW⁺10]. **RTGE** [DPTCF10, RBL⁺11]. **rubripes**
 [KOI⁺14, MKMY10]. **ruckeri** [ASA10, AHTCA⁺17, CMH⁺17, DS10,
 DSSB18, DSSB19, GTGCM19, GCNB18, GTH11, JKL⁺13, KSM⁺17,
 KJW⁺12, NCNB18, SON⁺18, TALA11, TDH⁺10, WNCR12]. **Ruditapes**
 [ACYC10, DABO⁺17, FBVC16]. **Rudolphi** [FŠK⁺19, MGH⁺14]. **rudolphii**
 [DMB⁺16]. **rufa** [VME⁺19]. **ruffe** [MGM⁺16]. **runts** [MGH⁺14]. **rupestris**
 [BT14]. **Russia** [DKBS17]. **Russian** [RFA⁺14]. **ruthenus** [RHSM⁺18b].

s [ZWL10, PLCC11]. **S.** [NMIY14, SWWN⁺16]. **sabinus** [SCZM19]. **sac**
 [KEY⁺15]. **sacculitis** [LWMT10]. **Saddleback**
 [Dig13, FPK⁺17, Dig15, Pol15]. **Safety** [LML12]. **salar**
 [ACN12, ACA⁺16, AAV⁺16, ASSP⁺15, Ano10c, ACM⁺14, BSSH17,
 BMT⁺15, BTC⁺17, BHA⁺17, BNS13, BSBH10, CBLN13, CJB⁺15,
 CRAG⁺12, DTF⁺16, DKG⁺17, DLLB⁺18, DMB⁺19, DRG⁺17, ESBE18,
 ECP⁺10, FMM⁺19, FFP⁺14, FHFF15, FMH⁺15, GFO⁺13, GFS⁺18,
 GMC⁺16a, GSS⁺10, GGH⁺10, GAVC16, GCMG⁺11, GMC⁺16b, GBSF12,
 GFR⁺12, GRT12, GHB⁺11, GCGR13, HHO14, HSA17, HST⁺13, IPW⁺13,
 IAR⁺10, JCN⁺13, JKO⁺13, JCN⁺14, JWO⁺10, JTW⁺10, JBO⁺15, JOF⁺19,
 JNS⁺19, JHGR13, JJSJ15, KAF⁺19, KSA⁺10, KRFT14, KBD13, KWD⁺16,
 LDÁM14, LAN⁺14, LMG⁺19, MKI⁺15, MIO⁺18, MMWK19, MSMM19,
 MSG⁺18, MLMR16, MLER⁺18, MSBB⁺16, MLF⁺10, MRSC13, MAC⁺15,
 MID⁺19b, MID⁺19a, MSR⁺10, MGH⁺14, MMH10, NCNB18, NB10, PdLC19,
 PBMB11, PHVM13, PPK⁺13, PPI⁺13, PÁD18, PJU⁺13, RB15, RMR14,
 RSIP⁺17, SMR10, SMM⁺13, SHKF16, SFR⁺17, SAS⁺19, SFU⁺13]. **salar**
 [SG12, STES14, SWWN⁺16, SWS⁺16, SKJ13, SSA13, SNK⁺19, TWNB⁺12,
 TJB⁺15, TCC10a, TES11, TCM⁺19, Tre12, USM17, VSDS⁺19a, VDMJ⁺13,
 WDM⁺15, WMM⁺16, WNLF⁺12, WNSAL12, WNAF⁺13, WNMK⁺16,
 WNAJ⁺16, YP17, ZCCN13, ZNHC11a, ZNHC11b]. **Salaria** [VPP⁺12].
salaris [HHO14, HKG⁺15, KHG⁺17, PHVM13, WKK12]. **salinities**
 [NNCLGC⁺11]. **salinity** [CCHL13, KCL14, LTC17, PST⁺16, TTL⁺16].
Salmincola [VCLW16, STF⁺15]. **Salmo**
 [ACN12, AGFG19, ACA⁺16, AAV⁺16, ASSP⁺15, Ano10c, ACM⁺14,
 BSPS⁺18, BSSH17, BMT⁺15, BTC⁺17, BHA⁺17, BNS13, BSBH10, CBLN13,

CJB⁺¹⁵, CRAG⁺¹², DTF⁺¹⁶, DKG⁺¹⁷, DLLB⁺¹⁸, DMB⁺¹⁹, DRG⁺¹⁷,
 ESBE18, ECP⁺¹⁰, FMM⁺¹⁹, FFP⁺¹⁴, FHFF15, FMH⁺¹⁵, GFO⁺¹³,
 GFS⁺¹⁸, GMG⁺¹⁹, GMC^{+16a}, GSS⁺¹⁰, GGH⁺¹⁰, GAVC16, GCMG⁺¹¹,
 GMC^{+16b}, GBSF12, GFR⁺¹², GRT12, GHB⁺¹¹, GCGR13, HHO14, HSA17,
 HST⁺¹³, IPW⁺¹³, IAR⁺¹⁰, JCN⁺¹³, JKO⁺¹³, JCN⁺¹⁴, JWO⁺¹⁰, JTW⁺¹⁰,
 JBO⁺¹⁵, JOF⁺¹⁹, JNS⁺¹⁹, JHGR13, JJSJ15, KAF⁺¹⁹, KSA⁺¹⁰, KRFT14,
 KBD13, KWD⁺¹⁶, LDÁM14, LAN⁺¹⁴, LMG⁺¹⁹, MKI⁺¹⁵, MIO⁺¹⁸,
 MMWK19, MSMM19, MSG⁺¹⁸, MLMR16, MLER⁺¹⁸, MSBB⁺¹⁶, MLF⁺¹⁰,
 MRSC13, MAC⁺¹⁵, MID^{+19b}, MID^{+19a}, MSR⁺¹⁰, MGH⁺¹⁴, MMH10,
 NCNB18, NB10, OSC⁺¹⁴, PdLC19, PBMB11, PGF⁺¹⁹, PHVM13, PPK⁺¹³,
 PPI⁺¹³, PÁD18, PJU⁺¹³, RB15, RMR14, RSIP⁺¹⁷, SMR10]. **Salmo**
 [SMM⁺¹³, SHKF16, SFR⁺¹⁷, SAS⁺¹⁹, SFU⁺¹³, SG12, STES14, SWWN⁺¹⁶,
 SWS⁺¹⁶, SKJ13, SSA13, SNK⁺¹⁹, TWNB⁺¹², TJB⁺¹⁵, TCC10a, TES11,
 TCM⁺¹⁹, Tre12, USM17, VSDS^{+19a}, VDMJ⁺¹³, WDM⁺¹⁵, WMM⁺¹⁶,
 WNLF⁺¹², WNSAL12, WNAF⁺¹³, WNMK⁺¹⁶, WNAJ⁺¹⁶, YP17, ZCCN13,
 ZNHC11a, ZNHC11b]. **salmoides** [CGAS19, PBBG19, ZLX⁺¹⁹]. **Salmon**
 [CCCTA⁺¹⁴, GTT⁺¹⁷, GCM^{+18b}, LASRA⁺¹⁹, TJA⁺¹³, AHH16, AH16,
 ADF14, ADMF15, ATM⁺¹⁰, ACN12, AAUHW15, ACA⁺¹⁶, AAV⁺¹⁶,
 ASSP⁺¹⁵, Ano10c, ACM⁺¹⁴, AHTCA⁺¹⁷, BHT⁺¹⁷, BHO⁺¹⁹, BMT⁺¹⁵,
 BTC⁺¹⁷, BHA⁺¹⁷, BPPKJ10, BLP10, BNS13, BMH⁺¹⁹, BDD⁺¹⁸, BSBH10,
 CBLN13, CJB⁺¹⁵, CGR17, CHWM⁺¹⁹, CRAG⁺¹², DTF⁺¹⁶, DKG⁺¹⁷,
 DWP⁺¹⁹, DPD⁺¹⁸, DLLB⁺¹⁸, DMB⁺¹⁹, DRG⁺¹⁷, DPADO16, DYML⁺¹⁸,
 EYF⁺¹⁹, EDN18, ESBE18, ECP⁺¹⁰, EWRH13, FMM⁺¹⁹, FSB18a, FFP⁺¹⁴,
 FHFF15, FMH⁺¹⁵, FSV⁺¹⁸, FSB^{+18c}, GL18, GFO⁺¹³, GFS⁺¹⁸, GGMG18b,
 GVB^{+17b}, GBO⁺¹⁸, Gis18, GTH11, GSS⁺¹⁰, GGH⁺¹⁰, GCMG⁺¹¹,
 GMC^{+16b}, GFW⁺¹⁰, GBSF12, GFR⁺¹², GRT12, GHB⁺¹¹, GCGR13,
 GCS⁺¹⁸, HHO14, HWM⁺¹³, HGH⁺¹⁸, HSA17, HST⁺¹³, IAR⁺¹⁰, IOO15,
 JCN⁺¹³, JKO⁺¹³, JCN⁺¹⁴, JWO⁺¹⁰, JTW⁺¹⁰, JJB15, JMF⁺¹⁸, JBO⁺¹⁵,
 JOF⁺¹⁹, JNS⁺¹⁹, JR19, JHGR13, JJSJ15, KOB⁺¹⁷, KBE⁺¹⁴]. **salmon**
 [KAF⁺¹⁹, KHG⁺¹⁷, KSA⁺¹⁰, KRFT14, KBD13, KWD⁺¹⁶, LDÁM14,
 LAN⁺¹⁴, LMG⁺¹⁹, LDA⁺¹⁹, LST⁺¹², LF16, LF18, LGJ19, LWMT10,
 MKI⁺¹⁵, MIO⁺¹⁸, MMWK19, MSMM19, MSG⁺¹⁸, MLMR16, MLER⁺¹⁸,
 MSBB⁺¹⁶, MLF⁺¹⁰, MRSC13, MAC⁺¹⁵, MID^{+19b}, MID^{+19a}, MSR⁺¹⁰,
 MUM⁺¹⁹, MGH⁺¹⁴, MTHB13, MPS⁺¹⁸, MMH10, NRF⁺¹⁸, NCNB18, NB10,
 NLC⁺¹⁶, NBJ10, OWM⁺¹⁷, OM10, OBFR12, PdLC19, PBMB11, PHVM13,
 PPK⁺¹³, PPI⁺¹³, PÁD18, PJU⁺¹³, PMPG⁺¹⁶, PPE⁺¹⁸, RB15, RMR14,
 RRG⁺¹⁹, RSIP⁺¹⁷, RSPA⁺¹⁸, SMR10, SMJ⁺¹², SMM⁺¹³, SFR⁺¹⁷,
 SAS⁺¹⁹, STF⁺¹⁵, SFU⁺¹³, SG12, STES14, SWWN⁺¹⁶, SWS⁺¹⁶, SJK⁺¹⁴,
 SVY⁺¹⁴, SSA13, SSL18, SNK⁺¹⁹, TWNB⁺¹², TJB⁺¹⁵, TCC10a, TVK⁺¹⁹,
 TES11, TES16, TCM⁺¹⁹, Tre12, UMMS17, USM17, UKS⁺¹⁸, VSDS^{+19a},
 VDMJ⁺¹³, VMBGE17, WDM⁺¹⁵, WMM⁺¹⁶, WHR⁺¹⁸, WNLF⁺¹²,
 WNSAL12, WNAF⁺¹³, WNMK⁺¹⁶, WNAJ⁺¹⁶, WNGS⁺¹⁷]. **salmon**
 [WOD16, WNO⁺¹⁸, YP17, ZCCN13, ZCC⁺¹⁵, ZNHC11a, ZNHC11b,
 BSSH17, GMC^{+16a}, LLLG18, WNGS⁺¹⁷]. **salmonicida**

[BBP18, MLEM16, NLC⁺¹⁶, SWM⁺¹⁵, VSS17, BKS⁺¹⁷, BKD17, BLFRCQ10, BVK⁺¹⁶, DLCF13, EDV⁺¹⁸, GDN⁺¹⁶, GLK⁺¹⁶, HKK^{+11a}, KBJ⁺¹³, KBD13, MSC⁺¹⁷, MLEM16, NLC⁺¹⁶, PFJ⁺¹⁰, RVC18, RPM⁺¹⁹, SSHEM11, SSC17, VSS17, VSDS^{+19a}, VDD⁺¹⁸, VC17, YFA⁺¹⁷].

salmonicola [MSR⁺¹⁰]. **Salmonid** [Ano10c, JTW⁺¹⁰, BKG⁺¹⁸, BTC⁺¹⁷, CGR17, DLCF13, EBM⁺¹⁸, FGR⁺¹², GB18, GFW⁺¹⁰, GFM⁺¹¹, GFR⁺¹², GRF14, HDWM15, HFT⁺¹², HST⁺¹³, HJT⁺¹⁶, HB12, JJB15, JJM⁺¹⁷, MIO⁺¹⁸, MR11, NSE⁺¹⁷, PSR⁺¹¹, RSP⁺¹⁷, RSM⁺¹⁸, SJDC⁺¹³, SBH⁺¹⁶, SHV⁺¹⁶, SKJ13, TJB⁺¹⁵, WKW⁺¹¹, WNCR12, YSV⁺¹³, YVM⁺¹⁴].

salmonids [BSPS⁺¹⁸, BRB⁺¹², CLGP15, CHV⁺¹², GGGM18b, GAC10, JNN⁺¹¹, áKÁGA16, KKKA17, MMB⁺¹⁵, MJ17, RMSH09, SDWA18, TJA⁺¹³, VCS⁺¹⁹, YAHWU11]. **salmoninarum** [BPMI⁺¹⁶, BAMYAH19, EAM⁺¹³, HDWM15, áKÁGA16, LMG⁺¹⁹, PFJ⁺¹⁰, PMPG⁺¹⁶, STF⁺¹⁵, TCFás19, TCS19, YDO⁺¹⁶]. **salmoninarum-infected** [HDWM15]. **salmoniphilum** [ACM⁺¹⁴, RFA⁺¹⁴, ZNHC11a, ZNHC11b].

salmonis [FSB18a, WNGS⁺¹⁷, AHH16, AH16, BRL⁺¹³, BDD⁺¹⁸, CRO⁺¹⁸, CIL⁺¹⁷, DLLB⁺¹⁸, DRG⁺¹⁷, EDN18, FCL⁺¹⁹, GAC10, GCGR13, HH13b, HBB⁺¹⁵, HKB⁺¹⁶, IPW⁺¹³, ISCF⁺¹⁹, JCN⁺¹³, JCN⁺¹⁴, JR19, JHGR13, KRFT14, LCV⁺¹⁷, LLG⁺¹⁵, LP17, LGJ19, MB17, MSG⁺¹⁸, MLRS⁺¹⁷, MFHHG18, MID^{+19b}, MUM⁺¹⁹, NRF⁺¹⁸, NLC⁺¹⁶, NBJ10, OWM⁺¹⁷, OM10, PVIM18, PJZB19, PPI⁺¹³, PFC⁺¹³, RGD⁺¹³, RSIP⁺¹⁷, RSPA⁺¹⁸, RE14, SHO⁺¹⁷, SMR10, SMM⁺¹³, SMR16, SHKF16, SFU⁺¹³, SDR⁺¹⁵, SCR⁺¹⁵, SSA13, USM17, WWE⁺¹³, YSV⁺¹³, YVM⁺¹⁴]. **salts** [SHS14].

saltwater [HCCM12]. **Salvelinus** [CMR⁺¹⁶, DGS⁺¹⁴, SWM⁺¹⁵, WKK12].

sample [ZCCN13]. **samples** [CPdPP16, FSG⁺¹², HSA17, LTM⁺¹⁹, TSS18, TVK⁺¹⁹]. **sampling** [FCM⁺¹⁹, MTAB15]. **sand** [LL11]. **Sander** [BAH⁺¹⁶, GRP⁺¹⁵, VBL⁺¹⁶, VKK⁺¹⁹]. **sandwich** [ZLN⁺¹⁷].

sanguinarine [LWJ⁺¹⁶]. **sanguineus** [HCW⁺¹⁶, ZWY⁺¹¹]. **Santa** [CdAPdC⁺¹⁹]. **Santos** [DAO19]. **sapidus** [FSM⁺¹⁶]. **Saprolegnia** [AS17, ASS19, KBE⁺¹⁴, PPF⁺¹², RDW18, SCD19, SSSP18, STES14, SWWN⁺¹⁶, SWS⁺¹⁶, TFG19, TES11, TES16]. **saprolegniasis** [BAH⁺¹⁶].

saprolegniosis [AGFG19, GPFAG19]. **sarana** [SMD⁺¹²]. **sarba** [SGR⁺¹⁸]. **sarcoma** [CIA⁺¹⁸]. **sardine** [GMP⁺¹¹]. **Sardinella** [GMP⁺¹¹].

Sardinia [APP⁺¹⁷]. **Saskatchewan** [SGQ⁺¹⁵]. **sativa** [MA16]. **sativum** [MSCH14]. **saurida** [KSAB⁺¹⁴]. **Sauvage** [BAD⁺¹², CTK⁺¹⁰, SMV⁺¹⁴, SZZSFN⁺¹⁴]. **SAV** [Ano10c, JTW⁺¹⁰, KSA⁺¹⁰, NSE⁺¹⁷, RRG⁺¹⁹, SBH⁺¹⁶]. **SAV2** [HST⁺¹³].

SAV3 [BTC⁺¹⁷, CGR17, JMF⁺¹⁸]. **saxatilis** [DBS12, SBM⁺¹¹]. **scad** [BHW⁺¹¹, HHM⁺¹⁴]. **scale** [ASB⁺¹², GKCC⁺¹², SPP⁺¹⁸, SDM⁺¹⁹, ZDWH18]. **scallop** [BRL⁺¹³].

scanning [BCM⁺¹⁷]. **SCAR** [DBM⁺¹⁴]. **scherzeri** [KHC⁺¹⁸, SWD⁺¹⁴].

Schistocephalus [WFH⁺¹⁸]. **Schlegel** [CONN10, FNISE12, GHH⁺¹¹, HKK^{+11b}, JKC⁺¹¹, JJV⁺¹⁵, KSS⁺¹⁵, KYK⁺¹², KLW10, LKS⁺¹³,

MKK⁺¹¹, MKMY¹⁰, NSS⁺¹⁷, OMO⁺¹⁵, SSJ⁺¹⁹, YYF⁺¹⁰, ZCC¹⁸].
schlegeli [HKK^{+11a}]. **schlegelii** [LLDL¹³, ZxYJ⁺¹⁹]. **Schlei** [KAST¹⁷].
Schneider [CCM⁺¹¹]. **schubertii** [CLZ⁺¹², LL¹², LGC⁺¹⁹]. **Schultz**
 [LLG⁺¹⁵]. **schwanenfeldii** [ARR⁺¹⁸]. **schwannoma** [MLR⁺¹²].
Sciaenidae [EKS⁺¹³]. **Sciaenocotyle** [TAQ⁺¹⁰]. **Scleropages** [KVC⁺¹⁶].
Scombridae [CZB⁺¹¹]. **scophthalmi** [ERApSB¹⁴]. **Scophthalmus**
 [HMW¹¹, LPVGL⁺¹⁰, LBF⁺¹⁴, MBB¹², QXW¹⁴, SODB¹⁶, WM¹⁹,
 dOAPLá⁺¹⁷]. **Scophthalmus** [JCS¹¹]. **Scortum** [KRD⁺¹⁷, LLH^{+14b}].
Scotia [SCD¹⁹]. **Scotland**
 [GFR⁺¹², GWM¹², MMH¹⁰, SMR¹⁶, SDI⁺¹⁸, SWE⁺¹⁹]. **Scottish**
 [MMBS¹⁰, MRSC¹³, WMM⁺¹⁶, WMM¹⁷]. **screen** [LPC¹²]. **screening**
 [AHH¹⁶, AH¹⁶, AS¹⁷, ABF¹⁵, BLFC¹², CMS⁺¹⁹, GSEM¹³, XZZ¹⁶].
scuticociliate [OBR⁺¹⁴]. **scuticociliates** [QZZ^{+18b}]. **Scuticociliatida**
 [SPP⁺¹⁸]. **scuticociliatosis** [LPC⁺¹⁸, MDF⁺¹⁷]. **scuticociliatosis-causing**
 [LPC⁺¹⁸]. **Scyborskaya** [PB¹⁸]. **Scylla** [LQY¹¹]. **Scyphozoa** [PÅD¹⁸].
Sea [BT¹³, EWRH¹³, HGH⁺¹⁸, JKO⁺¹³, Kan¹⁸, PBC¹⁵, PdLC¹⁹,
 RBWR⁺¹⁵, ACSB⁺¹⁹, BRL⁺¹³, BC¹¹, BCBS⁺¹³, BCW⁺¹⁵, CD¹⁷,
 CKTT¹⁰, CB¹³, DJQ⁺¹², DdRTM¹³, DPCdR¹⁴, FVAVMGE¹⁸, FPK⁺¹⁷,
 GFO⁺¹³, GBV⁺¹⁶, GVB^{+17b}, GVB^{+17a}, Gis¹⁸, GCGR¹³, HH^{13a}, HH^{13b},
 HBS⁺¹⁴, JMD⁺¹⁸, JWO⁺¹⁰, JKH⁺¹⁷, JHGR¹³, KPT⁺¹¹, KJB¹¹, KHC⁺¹⁸,
 KLW¹⁰, LMC⁺¹⁶, LQL⁺¹⁰, LGS⁺¹⁴, MIO⁺¹⁸, MSMM¹⁹, MMH⁺¹⁸,
 MSS^{+17b}, NRF⁺¹⁸, NOST⁺¹⁶, PST⁺¹⁶, PJU⁺¹³, PFC⁺¹³, RGD⁺¹²,
 RHVG^{+19b}, SMR¹⁰, SMM⁺¹³, SCF⁺¹³, SDI⁺¹⁸, Sam¹⁰, SDJH¹⁶, SFU⁺¹³,
 SJK⁺¹⁴, SSL¹⁸, TPD⁺¹⁹, TMC⁺¹², TNK¹², VDMJ⁺¹³, VTM⁺¹⁴,
 WWE⁺¹³, WOD¹⁶, YAHWU¹¹, AHB⁺¹⁷, GFB⁺¹³, GVLE¹⁶, LZGZ¹⁶,
 LHW^{+15a}, LXL⁺¹⁸, PMP⁺¹⁸, VPS⁺¹⁴, VDD⁺¹⁸, WMF¹⁴]. **sea-caught**
 [MIO⁺¹⁸]. **sea-ranched** [SFU⁺¹³]. **sea-reared** [JWO⁺¹⁰]. **sea-trout**
 [GFO⁺¹³]. **seabass** [FCM⁺¹⁹, GKCC⁺¹², KNN¹⁹, RRC⁺¹⁷]. **seabream**
 [CVLJ⁺¹⁰, CVGR⁺¹³, CCME¹⁶, LLDL¹³, LJGRI⁺¹⁰, RVB¹³, SGR⁺¹⁸].
seadragon [LYD⁺¹⁵]. **Seahorse**
 [QZZ^{+18b}, DSMC¹⁷, LYD⁺¹⁵, LKT⁺¹³, QWTL¹⁷, SBHC¹⁸, ZZQ⁺¹⁹].
seahorses [BQP¹², DCV⁺¹⁴, OBR⁺¹⁴, WZQ⁺¹⁶]. **seal** [BK¹²]. **Search**
 [CIL⁺¹⁷]. **Seasonal** [EA¹⁸, LFL¹⁹, SJK⁺¹⁴]. **Seasonality** [YB¹⁷, YMBE¹³].
seatrout [GMG⁺¹⁹]. **seawater**
 [Ano^{10c}, GTT⁺¹⁷, HRL¹⁵, JTW⁺¹⁰, JMF⁺¹⁸, KOB⁺¹⁷, SMJ⁺¹²].
seawater-farmed [KOB⁺¹⁷]. **seawater-reared** [GTT⁺¹⁷]. **sebae**
 [BRMG¹³]. **Sebastes** [HKK^{+11a}, PSK⁺¹², ZxYJ⁺¹⁹]. **Secondary**
 [JAJC⁺¹⁸, ATJS⁺¹⁸, HFKF¹⁷, RSB¹³]. **secreted** [ZWG⁺¹⁷]. **secretion**
 [EAN⁺¹⁸, MSG⁺¹⁸, RGD⁺¹³]. **secretory** [CXW⁺¹⁹]. **sectional**
 [AAUHW¹⁵]. **seeds** [MA¹⁶]. **seeking** [OWM⁺¹⁷]. **segment** [PAM⁺¹⁹].
Selar [HHM⁺¹⁴]. **selected** [AAZS⁺¹⁵, BMGS¹⁷, DAB⁺¹², EAM⁺¹³,
 EEMCEGSP¹⁶, NJK⁺¹⁷, SPCR⁺¹⁹, TvWO⁺¹⁶]. **Selection**
 [SPS⁺¹⁹, YLS⁺¹⁹, GTGCM¹⁹]. **Selective**
 [BTC⁺¹⁷, CLW⁺¹¹, CLT⁺¹⁴, SMF⁺¹⁰]. **selenium** [WPH⁺¹³]. **semi**

[CMEV17b, STS⁺¹⁵]. **semi-intensive** [STS⁺¹⁵]. **semi-quantitative** [CMEV17b]. **semilaevis** [XJL⁺¹⁵, ZQB⁺¹¹]. **seminatural** [HKG⁺¹⁵]. **senegalensis** [CVLJ⁺¹⁰, CTD⁺¹², CPP14, CPdPP16, CRS⁺¹³, CSCCA14, FBL⁺¹⁴, LVADB17, MMS⁺¹⁶, SOA⁺¹⁸, VFB⁺¹², YB17, dALF⁺¹⁷]. **Senegalese** [CVLJ⁺¹⁰, CTD⁺¹², CRS⁺¹³, CSCCA14, FBL⁺¹⁴, LVADB17, MMS⁺¹⁶, YB17, dALF⁺¹⁷]. **senile** [ARL⁺¹⁷]. **sensing** [HBVB16, NDA⁺¹⁹, ZCQF15]. **sensitive** [GCNB18, HJOK11, MMBS10, MSI⁺¹⁵, SMF⁺¹⁰, WOD16, YWW⁺¹⁹, ZLN⁺¹⁷]. **Sensitivity** [AdOG⁺¹⁷, MMH⁺¹⁸, MTAB15, PFP⁺¹³, HH13b, ZCJ⁺¹⁸]. **sensory** [FSB18a]. **septemfasciatus** [OTN⁺¹²]. **septempunctata** [TOK⁺¹⁶]. **septicaemia** [AHR⁺¹⁰, AHRP⁺¹⁶, Ano12c, CBC⁺¹³, CDM⁺¹⁶, CSA⁺¹⁵, DPADO16, EKED⁺¹⁷, GJVT⁺¹¹, GFB⁺¹⁹, GGW⁺¹¹, GVC⁺¹⁹, HLL⁺¹², HGG⁺¹¹, HPAL10, JKS⁺¹³, KKK15, KF10a, KF10b, LVADB17, MMBS10, MF12, MMW⁺¹⁵, NLF11, OEG⁺¹³, PBM⁺¹⁵, PJJ⁺¹², RMS⁺¹³, SHJ⁺¹², SWH⁺¹⁴, SJ11, VLVS⁺¹⁶, VBL⁺¹⁵, VBL⁺¹⁶, WDM⁺¹⁵, WKW⁺¹¹, ZLX⁺¹⁹]. **septicaemic** [OCLI⁺¹⁹]. **septum** [FFP⁺¹⁴]. **sequence** [FMA⁺¹⁹, ISCF⁺¹⁹, JSK⁺¹⁰, KKM⁺¹⁹, MBS⁺¹⁷, NMM⁺¹⁸, RDW18, VJWC⁺¹⁸, WMD⁺¹⁸, YMH⁺¹¹]. **sequences** [OBR⁺¹⁴, RB15, TQW⁺¹⁴]. **sequencing** [BFC⁺¹⁵, CGG⁺¹⁰, DWL⁺¹⁷, EDN18, LMM⁺¹⁶]. **sequential** [MBT⁺¹⁷]. **sera** [GRF14, LLL⁺¹²]. **Serbian** [RAM⁺¹⁸]. **Seriola** [KHS11, MFS⁺¹⁷, MKH⁺¹¹, NWMK16, RBAT⁺¹⁷, STIG17, SS17, YYF⁺¹⁰, dSRSHGá⁺¹⁹]. **seriolae** [CXW⁺¹⁹, KLD⁺¹⁸, STIG17, WCL⁺¹⁹]. **seriolicida** [MFS⁺¹⁷]. **sero** [LMAKN16]. **sero-surveillance** [LMAKN16]. **Serodiagnosis** [KKK15]. **Serological** [SDWA18, IAR⁺¹⁰]. **serotype** [AOAH13, AHTCA⁺¹⁷, BAH⁺¹⁸, RB15]. **serotypes** [HKK^{+11b}]. **serovars** [FLVA10]. **Serranidae** [LXL⁺¹⁸, PMP⁺¹⁸]. **Serrasalminidae** [ANB⁺¹⁹, OMB⁺¹⁹, VDO^{+18b}, VDO^{+18a}]. **serrata** [LQY11]. **Serratia** [CBC⁺¹³]. **Serum** [BSD^{+18a}, BMT⁺¹⁵, BSD^{+18d}, CLC⁺¹⁷, LWMT10, NN11, PBC15, YK13]. **set** [GTH11]. **seven** [CGCAH12, MTAB15, PMK12]. **sevenband** [OTN⁺¹², OKS⁺¹³]. **several** [PPE⁺¹⁸]. **Severe** [KHS11, CZB⁺¹¹, VFB⁺¹²]. **severity** [LLS⁺¹¹]. **sex** [CXK16, FVAVMGE18]. **sex-related** [FVAVMGE18]. **SGIV** [GHH⁺¹¹]. **SGPV** [GGMG18b]. **shad** [WBE⁺¹⁷, WEPB⁺¹⁸]. **sharing** [MPJ⁺¹⁵]. **shark** [ABM⁺¹⁵, BA13, CBC⁺¹³, CIA⁺¹⁸, HKF⁺¹⁶, JK12, LL11, MCWL13, RBF14]. **sharkminnows** [RTM⁺¹⁵]. **sharks** [BOH⁺¹², PC17]. **sharp** [OAO⁺¹²]. **sharp-tooth** [OAO⁺¹²]. **sharpnose** [BA13]. **sharpsnout** [KPT⁺¹¹]. **sharptooth** [HGPD11, HOHG13, TMWV14]. **shasta** [HB12]. **shed** [RRO⁺¹³]. **shell** [ARL⁺¹⁷, DABO⁺¹⁷, MMD16, SQC⁺¹⁴]. **shelled** [MMMD16]. **shellfish** [BFJ11, KKK⁺¹⁸, KKM⁺¹⁹, RAS⁺¹⁰]. **shells** [CBM⁺¹⁷, CBM⁺¹⁸]. **Shewanella** [CDD⁺¹⁸, EMA17, JSJR⁺¹⁸, LQL⁺¹⁰, MP18, PPSW19, PKPG15]. **shift** [IFF⁺¹⁵]. **shiner** [HAP⁺¹⁰, LRB⁺¹⁷, MGN⁺¹⁶]. **SHK**

[LASRA⁺¹⁹, SHKF16]. **SHK-1** [LASRA⁺¹⁹, SHKF16]. **shoaling** [SSK17]. **shock** [DJQ⁺¹², RAS⁺¹⁰, SNM⁺¹⁶, WBF⁺¹⁰, ZWY⁺¹¹]. **shop** [KZJ⁺¹⁷]. **short** [LTC17]. **short-term** [LTC17]. **shortnose** [LGK⁺¹⁴, JMHK18]. **showed** [KBD13]. **shows** [CXK16, VDO^{+18a}]. **shrimp** [APG⁺¹¹, BPK⁺¹⁷, CCLGRM⁺¹⁷, CNN⁺¹⁰, CMEV17a, CMS⁺¹⁷, CMEV17b, CLW⁺¹³, DCMM13, DBM⁺¹⁴, ESA⁺¹⁰, EEMCEGSP16, HVVV15, JQK14, JJS⁺¹², KS19, KKT^{+18b}, KKT^{+18a}, LRD⁺¹⁹, MRR⁺¹⁴, MTK⁺¹⁰, NPGA⁺¹⁹, NSC⁺¹⁸, PSK⁺¹³, PHW⁺¹⁶, RPGCIG17, SHS14, SPTDEE⁺¹⁵, SRSF10, SSV⁺¹⁷, SSV⁺¹⁰, STG⁺¹⁰, SP15, SVM⁺¹⁸, TMM⁺¹⁵, TTL⁺¹⁶, TDLT⁺¹⁶, TDT⁺¹⁶, WLX⁺¹⁰, YTL10, YLSW14, YHY⁺¹⁶]. **shrimps** [BTN⁺¹⁸, SHW⁺¹¹]. **shrinking** [LUP⁺¹⁸]. **shrivelling** [JYZ⁺¹⁴]. **shuberti** [LCZ⁺¹⁸]. **sialic** [ACYC10]. **Siamese** [RhAS⁺¹⁵]. **Siberian** [DKBS17]. **Sickeningly** [LFD⁺¹⁷]. **side** [ELI⁺¹⁷]. **siderophore** [BPMI⁺¹⁶]. **siderophores** [CRO⁺¹⁸]. **sign** [ZDWH18]. **signalling** [BSB⁺¹⁸, LMM⁺¹⁵, LMM⁺¹⁶, XJL⁺¹⁹]. **significance** [SMS⁺¹⁰]. **significant** [MBS⁺¹⁷]. **significantly** [BMD⁺¹⁴]. **signs** [HBB14, HCEH16, SON⁺¹⁸, XJL⁺¹⁵]. **Silurus** [MAOS⁺¹⁸]. **silus** [TB12]. **Silva** [KCL14]. **silver** [BSV⁺¹⁸, BSSB18, BSD^{+18b}, BSD^{+18a}, BSD^{+18d}, CCMA⁺¹⁷, FHD13, KKOY19, KJW⁺¹⁷, LJC⁺¹⁹, WXL16]. **Simple** [LCR⁺¹⁰, MSI⁺¹⁵, YWW⁺¹⁹]. **simplex** [MGH⁺¹⁴]. **simplified** [KKKA17]. **Simulated** [SMR16]. **simulation** [SRD⁺¹⁶]. **Simultaneous** [CRAG⁺¹², TSK⁺¹⁹]. **simultaneously** [KKT^{+18a}]. **sinensis** [ZB12, DML⁺¹⁶, DCZ⁺¹⁷, DCL⁺¹⁷, FGJ⁺¹⁰, HGW⁺¹⁹, SPP⁺¹⁸, SCS⁺¹²]. **Singapore** [CWL⁺¹⁷, GHH⁺¹¹]. **Single** [HH13b, BMMC⁺¹⁵, CLGP15, CPB⁺¹⁵, CZL⁺¹⁹, FCL⁺¹⁹, GM11, LWJ⁺¹⁶, NCNB18, Sam10, VCOD17]. **single-** [GM11]. **Single-dose** [HH13b, Sam10]. **Siniperca** [KHC⁺¹⁸, SWD⁺¹⁴, TIK^{+14a}, TQW⁺¹⁴]. **Siphonostomatoida** [KJB11]. **sirindhornae** [SHW⁺¹¹]. **site** [ESV^{+19b}, GVLE16, PPK⁺¹³]. **sites** [Ano10c, HDWM15, HSA17, JTW⁺¹⁰]. **situ** [ACSB⁺¹⁹, CPEH15, DXX⁺¹⁵, DCL⁺¹⁷, vGJHS⁺¹¹, MTA⁺¹⁵]. **SJNNV** [SOA⁺¹⁸]. **Skeletal** [AAV⁺¹⁶, ACA⁺¹⁶, BHO⁺¹⁹, BMT⁺¹⁵, GRT12, RHVG^{+19b}, WHR⁺¹⁸]. **skeleton** [DPD⁺¹⁸]. **Skin** [LHW^{+15b}, WA14, CSS⁺¹⁶, HMW11, JBO⁺¹⁵, LJHG14, LHW⁺¹², MNF⁺¹⁵, OLVJ⁺¹³, ONA10, PWW19, PPK⁺¹³, RSF⁺¹⁷, SSF⁺¹⁷, VCN⁺¹⁰, VDD⁺¹⁸, VKK⁺¹⁹, XKB12, ZxYJ⁺¹⁹]. **skin11f** [VKK⁺¹⁹]. **skyensis** [RB15]. **sleepy** [ATJS⁺¹⁸, WZL⁺¹¹]. **SLICE(R)** [PPI⁺¹³, SMM⁺¹³]. **Slovakia** [MKK⁺¹¹]. **Slovene** [JZK⁺¹⁴]. **Slovenia** [GRB⁺¹⁷]. **small** [WCW16a]. **smallmouth** [SBW⁺¹⁸]. **Smit** [HSGD11]. **smoked** [TWNB⁺¹²]. **smolt** [JOF⁺¹⁹, KDA⁺¹⁸, LAN⁺¹⁴, MPS⁺¹⁸, NB10, RSIP⁺¹⁷, RSPA⁺¹⁸, SFR⁺¹⁷]. **smolts** [ECP⁺¹⁰, FSV⁺¹⁸, JCN⁺¹³, JCN⁺¹⁴, KAF⁺¹⁹, KRFT14, LGJ19, MLF⁺¹⁰, MID^{+19a}, PBMB11, SFU⁺¹³]. **smooth** [HRNW15, MS16, XJL⁺¹⁵]. **smooth-hounds** [MS16]. **snakehead** [CHH⁺¹⁴, CLZ⁺¹², DIH⁺¹⁶, LL12]. **snapper**

[CLWJ13, HCW⁺¹⁶, ZWY⁺¹¹]. **SNPs** [FCL⁺¹⁹]. **snubnose** [WKW13]. **sobria** [CCMA⁺¹⁷, FCC⁺¹³, ZWL⁺¹⁶]. **social** [RSF⁺¹⁷]. **sockeye** [BLP10, LGJ19, GMC^{+16a}, TVK⁺¹⁹]. **sodium** [HHO14]. **soft** [CIA⁺¹⁸, KOS⁺¹⁰, MMMD16, MMD16, PZL⁺¹⁴]. **soft-shell** [MMD16]. **soft-shelled** [MMMD16]. **sole** [CVLJ⁺¹⁰, CTD⁺¹², CPP14, CRS⁺¹³, CSCCA14, FBL⁺¹⁴, LVADB17, LPVGL⁺¹⁰, MMS⁺¹⁶, VFB⁺¹², XJL⁺¹⁵, YB17, ZQB⁺¹¹, dALF⁺¹⁷]. **Solea** [CVLJ⁺¹⁰, CTD⁺¹², CPP14, CPdPP16, CRS⁺¹³, CSCCA14, FBL⁺¹⁴, LVADB17, MMS⁺¹⁶, SOA⁺¹⁸, VFB⁺¹², YMBE13, YB17, dALF⁺¹⁷]. **soleae** [BVT⁺¹⁸, LPVGL⁺¹⁰, YMBE13]. **Soleidae** [YMBE13]. **Solen** [PDdC⁺¹⁴]. **solid** [YSV⁺¹³]. **solidus** [WFH⁺¹⁸]. **Sommerville** [MRSC13]. **sonophoresis** [LRS⁺¹⁷]. **sorbent** [YLX^{+19a}, ZLN⁺¹⁷]. **Sordariomycetes** [ŘKH16]. **source** [OJRL10]. **sources** [CRO⁺¹⁸]. **South** [HGPd11, HOHG13, HWO⁺¹⁷, BHT⁺¹⁷, GMP⁺¹¹, BHA⁺¹¹, CCW⁺¹⁵, Dig13, Dig15, GFB⁺¹³, LZGZ16, LHW^{+15a}, LXL⁺¹⁸, MCCN14, Pol15]. **south-east** [GMP⁺¹¹, CCW⁺¹⁵, Pol15]. **south-western** [BHT⁺¹⁷]. **southeast** [RDN⁺¹², SDM⁺¹⁹]. **southern** [BLSG⁺¹⁶, BMGS17, CNN⁺¹⁰, KYB⁺¹⁵, MSMM19, SRT⁺¹⁴, VDMJ⁺¹³, WWS⁺¹¹, WZL⁺¹¹, YAHWU11, PRWG17]. **soya** [MTLP^{+18b}]. **sp** [BMMC⁺¹⁵, CHH⁺¹⁴, CPP14, DLPR15, DSLR16, EWH⁺¹⁹, FCS⁺¹⁸, FLC⁺¹⁷, HGH⁺¹⁶, HSHC⁺¹⁶, LCOZ10, LJHG14, MdOO16, MSCH14, MAOS⁺¹⁸, PMBM13, PMP⁺¹⁸, PRY⁺¹⁸, PLC^{+19b}, RRC⁺¹⁷, SBM⁺¹¹, SDZN19, SPV⁺¹⁸, SBK⁺¹³, SBW11, TGJCH15, VMBGIC19, VDH19, YMBE13, ZWLG10, dSdAdS⁺¹⁹, AOA13, BAH⁺¹⁸, VSS17]. **spaC** [PRY⁺¹⁸]. **spaC-type** [PRY⁺¹⁸]. **spacer** [DPMK12]. **Spain** [BSC⁺¹⁴, DMP10, DIVC16, HGB⁺¹¹, RAVC18]. **Spanish** [RGMGG⁺¹⁸]. **spartansii** [LF16]. **Sparus** [BC11, CVLJ⁺¹⁰, CVGR⁺¹³, CCME16, DdRTM13, DPCdR14, LGS⁺¹⁴, MSS^{+17b}, RHVG^{+19b}, TPD⁺¹⁹]. **spat** [BVL⁺¹⁸]. **Spatial** [SBW⁺¹⁸, PHR14]. **Spatio** [ASB⁺¹²]. **Spatio-temporal** [ASB⁺¹²]. **spawning** [BPPKJ10, BK12]. **SPB** [WKW13]. **SPE0313** [HGW⁺¹⁹]. **special** [VGI⁺¹⁶]. **species** [ADMF15, ARFG13, BLL⁺¹⁷, BWNS⁺¹¹, BOH⁺¹², DBV⁺¹³, DCG18, DMK⁺¹⁹, DSJA18, FBS13, FBAS16, GCNB16, GFB⁺¹³, GOM⁺¹⁹, GFS⁺¹⁴, HY16, HZX⁺¹³, IBFL19, JSJR⁺¹⁹, KEY⁺¹⁵, KBTMH⁺¹⁶, KPKP10, KFK⁺¹⁶, KDP⁺¹⁷, LXL⁺¹⁸, ME12, MSB⁺¹⁹, MSS^{+17a}, MKK⁺¹¹, MPM16, MMW⁺¹⁵, NSS⁺¹⁷, NMM⁺¹⁸, PSVK⁺¹⁸, PSCFB⁺¹⁸, SAS⁺¹⁹, SN14, VMBGE17, VPP⁺¹², VDH19, ZZC⁺¹⁷]. **species-specific** [IBFL19, VMBGE17]. **specific** [ACYC10, CLC⁺¹⁷, CLGP15, CPB⁺¹⁵, CSCCA14, IBFL19, KSS⁺¹⁵, LCR⁺¹⁰, MMBS10, SSV⁺¹⁰, SKN⁺¹⁶, TMM⁺¹⁵, VMBGE17, YGL⁺¹⁸, ZFZ⁺¹¹]. **specifically** [MLEM16, YLS⁺¹⁹]. **specificity** [AdOG⁺¹⁷]. **spectroscopy** [WNCr12]. **speed** [MTHB13]. **sperm** [VMCM14]. **Sphaerospora** [LXL⁺¹⁸]. **Sphyræna** [GMP⁺¹¹]. **Sphyrna** [CBC⁺¹³, MCWL13]. **Spinal** [GCWB11, CLHGK17, MLF⁺¹⁰, MPS⁺¹⁸]. **spined**

[KFK⁺16, PJZB19, WFH⁺18]. **spines** [FvdMF⁺18]. **spiny** [ZJDL18]. **Spiro**nucleus [MLWC11]. **Spiro**plasma [DXX⁺15, HGW⁺19, LXX⁺17]. **spiro**sulcatus [YYF⁺10]. **spleen** [BSB⁺18, BLdA⁺18, GIW⁺11, Lek12, LMM⁺15, LMM⁺16, RWTB17, SWD⁺14, SSO⁺14, TIK⁺14a]. **splendens** [RhAS⁺15]. **splendidus** [BT14, MBB12]. **Splenic** [AFA⁺12, SKPS16, XJL⁺15]. **Spondy**losis [BCG⁺17]. **Spontaneous** [MLR⁺12, RVB13, SMS⁺19, dSRSHGá⁺19, CGAS19]. **spore** [TES16]. **spot** [CNN⁺10, CLW⁺13, DLCC⁺13, DZV10, DCZ⁺17, DCMM13, DBM⁺14, ESA⁺10, FSO⁺10, HVVV15, HZP⁺12, JQK14, JGI⁺10, JJS⁺12, LQY11, MTK⁺10, NSC⁺18, PSK⁺13, RNM⁺12, RPGCIG17, RDN⁺12, SMS⁺10, STS⁺15, SPTDEE⁺15, SSV⁺10, SP15, SVM⁺18, SRD⁺16, TMM⁺15, TSK⁺19, TTL⁺16, TDT⁺16, XKB12, YHY⁺16]. **spotted** [FHZ⁺16, KKK⁺18, NNC⁺18, SDJH16, WCL⁺12, XJL⁺19]. **spp** [BTN⁺18, BHF13, BGC⁺17, BBP18, CD17, CdAPdC⁺19, GJMH17, HVVV15, ICVV16, JSJR⁺18, KBTMH⁺16, KFK⁺16, KKKA17, MS16, NB11, PPSW19, PPE⁺18, TES11, TES16, XLZ⁺17]. **Sprague** [FYO⁺11]. **Spragui**dae [FYO⁺11]. **spread** [RHS⁺12, SJ11]. **spreading** [KAST17, TWJP10]. **spring** [EBM⁺18, GSBEM15, LDEH17, LFL19, MPBM⁺16, MGN⁺16, OCLI⁺19, SKN⁺16, XWP⁺18]. **Sproston** [GAC10, MWS17]. **Squamous** [SHAM14]. **S(R)** [CAS⁺18]. **sRNA** [MFHHG18]. **sRNAs** [PKLH19]. **ssDNA** [YLS⁺19]. **ssp** [BBP18, HCL⁺14]. **SSU** [OBR⁺14]. **SSVR1601** [ZxYJ⁺19]. **stability** [SG12, WGL17]. **staff** [EWRH13]. **stage** [FSB18a, MLER⁺18, WOD16, YK13]. **stages** [AJLK⁺18, EDN18, HGG⁺11, JHGR13, LF18, MTA⁺15, WFH⁺18, dALF⁺17]. **standard** [CDG⁺14, GCW17, LWWS14, SEK⁺16]. **standardized** [OLVJ⁺13]. **standards** [LTG⁺18]. **Staphylococcus** [LHW⁺12, OAO⁺12]. **starry** [LZGZ16]. **starvation** [CMEV17a, CZB⁺11]. **stasis** [GM11]. **state** [FLCC⁺14, GFS⁺18, JJM⁺17]. **states** [SPKS17, SSO⁺14, CDM⁺13, GCS⁺18, PTM⁺19]. **Statistical** [Gis18]. **status** [BSD⁺18a, BCBS⁺13, DSJA18, GJMH17, JOF⁺19, KSS17, PFJ⁺10, SMS⁺10]. **Steatitis** [HGPD11]. **steelhead** [GTH11]. **Steindachner** [CSA⁺15, KCD⁺14, SWD⁺14, SL15]. **stellata** [LZGZ16]. **stellatus** [dSdAdS⁺19]. **step** [HRL15]. **stickleback** [ASW16, KFK⁺16, WFH⁺18, PJZB19]. **stimulates** [LFD⁺17]. **stimulation** [TQW⁺14]. **stinger** [MLMR16]. **stinging** [AA10]. **stingray** [CBFM16, CDM⁺16, SDZN19, SCZM19, MdOO16]. **stock** [BGRB14]. **stocked** [GDN⁺16, MP18]. **stocking** [KAST17]. **stocks** [AHJS⁺18, OEG⁺13]. **storage** [HPAL10]. **stored** [SG12]. **strain** [BVT⁺18, CMSHS16, DKBS17, GCCLRP⁺13, GGGM14, ITKH18, KF10b, KTN⁺16, LZZN10, OEG⁺13, RVC18, SVM⁺18, SOGR⁺19, TB12, VDD⁺18, WKW⁺11, YMH⁺11, ZxYJ⁺19]. **strains** [BLF⁺16, CIL⁺17, CLLF14, CRS⁺13, dJDAVRGM⁺18, FDL⁺17, FCL⁺19, GCMG⁺11, GRF14, GRP⁺15, LCV⁺17, MBS⁺19a, MNG⁺18, OFA11, PKPG15, PFP⁺13, SWM⁺15, SOA⁺18, TFG19, VTM⁺14, VC17, WZA10, XKBC12, ZZC⁺17]. **strategies**

[SWWN⁺16, ZCQF15]. **strategy**
 [FLC⁺17, GCNB18, JMD⁺18, LTC17, RRO⁺13]. **strawberry**
 [LLS⁺11, MTG⁺10]. **Streptocephalus** [SHW⁺11]. **streptococcosis**
 [FLCC⁺14, LLH⁺14a, ZTF⁺10]. **Streptococcus**
 [AAZS⁺15, AZSI⁺12, AZSSZZ13, ATP⁺17, BSD⁺18b, BMMC⁺15, BYAS⁺19, BFFA⁺12, BDB⁺18, CWL⁺17, CGCAH12, CLLF14, CZL⁺19, DDBC⁺15, DZC⁺16, EPA⁺10, GCMG⁺11, HKK⁺11b, HJOK11, HZX⁺13, ICVV16, KNN19, LFSZ18, LLH⁺14a, LLH⁺14b, LLX⁺19, LLL⁺18a, MP18, MoSMS18, NLF11, NLKA16, NMIY14, NYRS12, OGI⁺18, SLKE10, SFL⁺16, SPS⁺19, TWYC15, VMBGIC19, VJWC⁺18, WZL13, XXL⁺19, ZKL⁺19, ZFZ⁺11].
Stress [GAVC16, CZB⁺11, DSSB19, MLER⁺18, PBC15, PKLH19, TMC⁺12].
stressed [CDG⁺14]. **stresses** [HGX⁺19]. **stricta** [BAH⁺16]. **strigosus**
 [WA14]. **strings** [AHH16]. **striped**
 [ABC⁺10, BVG⁺10, CB13, SBM⁺11, SMV⁺14, VST⁺19]. **Strong** [HLP⁺16].
structural [LC17, SSV⁺10]. **structure**
 [DPC⁺10, ISCF⁺19, LWZ⁺18, MFS⁺17, TPD⁺19, VMCM14]. **structures**
 [DLP⁺13, RHVG⁺19b, RVC18, SMR16]. **structuring** [DJR⁺19]. **studied**
 [GAC10]. **Studies** [DSA⁺12, DAB⁺12, ELI⁺17, H MV⁺17, LQY11, UKS⁺18, CKJ⁺14, CLHGK17, CTK⁺10, GFW⁺10, GRF14, KF10a, LTG⁺18, LRMN17, MMS⁺16, MMD16, MKMY10, RBAT⁺17, SRD⁺16, WKW⁺11].
Study [DLLB⁺18, JMS13, LBF⁺14, AHJS⁺18, AOAH13, AAUHW15, ABT⁺14, BSPS⁺18, BCM⁺17, BMGS17, CXK16, CKvGJB17, CGCAH12, DPTFC10, DPTCF10, DIVC16, DZV10, FLVA10, GFM⁺11, JWO⁺10, JR19, JHRW17, KPT⁺11, LVADB17, MVM⁺18, MCSM17, MID⁺19a, NB10, QXW14, RHZA⁺16, RHST⁺16, RHSM⁺18b, RHSM⁺18a, Sam10, SWM⁺15, SVL⁺17, SVV⁺17, VTM⁺14, VBL⁺15]. **sturgeon**
 [BLL⁺17, DKBS17, LGK⁺14, MMD⁺12, RHSM⁺18b, RFA⁺14, SAD⁺12].
subclinical [BSSH17, LMG⁺19]. **subclinically** [Bin14]. **subinhibitory**
 [GTGCM19]. **sublethal** [WNO⁺18]. **subpopulations** [TDLT⁺16, TDT⁺16].
subsequent [IPW⁺13]. **subsp** [ATP⁺17, SPKS17, YFA⁺17]. **subsp.**
 [CDM⁺13, CDF⁺18, CRS⁺13, DABO⁺17, KPSP⁺19, KBTMH⁺16, MLEM16, NLC⁺16, OJRL10, PLC⁺19b, SWM⁺15, SPS⁺17, SKGE13]. **subspecies**
 [GLK⁺16, VC17]. **substances** [YFA⁺17]. **subtractive** [LZZN10]. **subtype**
 [GL18, GRF14, HST⁺13, JJB15, RSP⁺17, RSM⁺18, TJB⁺15]. **subtypes**
 [GFM⁺11, GFR⁺12, GLK⁺16]. **subunit** [ÇOÇ⁺16, LSA⁺15, LXHL11].
success [ACN12]. **succinicans** [GDW⁺15]. **sucker** [MGN⁺16, JM HK18].
suckers [BWB⁺17]. **Sueur** [WKW⁺11]. **SufB** [PLCC11]. **suffering**
 [ATJS⁺18, GRT12, GFS⁺14, TvWO⁺16]. **suggest** [GB18, TALA11].
suggests [WXL16]. **suicidal** [CLGP15]. **suitability** [NJK⁺17]. **suitable**
 [JKS⁺13, KHG⁺17, VLVS⁺16]. **sulfate** [ZCJ⁺18]. **sulfate-resistant**
 [ZCJ⁺18]. **sulfurea** [ŘKH16]. **sulphate** [DBS12]. **sultana** [KAESEM13].
summary [JJM⁺17]. **sunfish** [ALG15, LDEH17]. **sunshine** [DBS12].
Superior [HAP⁺10]. **supernatants** [GM10]. **supplementation**
 [JKL⁺13, KSM⁺17, LKS⁺13]. **supplements** [AMA11, NFA15]. **support**

[BMBS12]. **supports** [GCS⁺18]. **suppression** [LZZN10]. **suratensis** [MRN⁺19]. **surf** [RPJ⁺18]. **Surface** [GCMG⁺11, CD17, NMIY14, OBD10]. **surfaces** [HRNW15, PDLW17]. **surfactant** [AJLK⁺18]. **surgeonfish** [WA14]. **Surgical** [LL11, GM11]. **surveillance** [BTN⁺18, BMBS12, GWM12, GCS⁺18, HAS⁺19, KOS⁺10, LTM⁺19, LMAKN16, MMBS10]. **surveilling** [HRL15]. **Survey** [MMG⁺11, BHT⁺17, GGMG18b, HSA17, JZK⁺14, KZJ⁺17, LUP⁺18, MSBB⁺16, MJ17, WDM⁺15]. **survival** [DMB⁺19, FFP⁺14, LTC17, LGS⁺14, MMS⁺16, SPCR⁺19, SFU⁺13, WYZ⁺19]. **survived** [WIC⁺19, WCL⁺12]. **Susceptibility** [BSK⁺10, BDD⁺18, GOM⁺19, IOO15, NSS⁺17, RWTB17, XKBC12, CLL⁺10, CBM⁺17, DBV⁺13, DCMM13, GCW17, GMC⁺16b, GRP⁺15, GHW⁺15, HKB⁺16, JKH⁺17, KKOY19, KBE⁺14, ME12, MSS⁺17a, NSB⁺18, OEG⁺13, PWHW18b, PFJ⁺10, RHTC19b, WWS⁺11, WKW⁺11, WKW13, Wen16, XWP⁺18, XKB12, YNL11, YCNW18]. **susceptible** [GHH⁺11, IFF⁺15, KWD⁺16, RSP⁺17, TDS⁺19, UMMS17]. **Suspected** [KVC⁺16, MSS⁺12, LXL⁺18]. **Susquehanna** [SBW⁺18]. **swabs** [ZCCN13]. **swamp** [AMAR18]. **swamps** [HHC⁺18]. **Sweet** [LFD⁺17]. **sweetfish** [KSS⁺15]. **Swim** [RKH18, BMD⁺14, BCG⁺17]. **swimbladder** [FDST16]. **swimming** [DSSB19, GMC⁺16b, HKF⁺16]. **switch** [CKJ⁺14]. **SYBR** [TCFáS19]. **Symphodus** [SRM⁺18]. **Symphysodon** [AFTEML19, RKK⁺19]. **Syncytial** [FKB⁺14, KAS⁺18]. **syndrome** [APG⁺11, BPK⁺17, CSS⁺16, CNN⁺10, CLW⁺13, DLCC⁺13, DZV10, DCZ⁺17, DCMM13, DBM⁺14, ESA⁺10, FSO⁺10, FPK⁺17, GFS⁺18, GKCC⁺12, HVVV15, HZP⁺12, HHC⁺18, JQK14, JYZ⁺14, JGI⁺10, JJS⁺12, KEY⁺15, KOS⁺10, LQY11, LWMT10, MTK⁺10, MTG⁺10, NSC⁺18, OOO⁺11, OAO⁺12, PZL⁺14, PSK⁺13, RNM⁺12, RPGCIG17, RDN⁺12, RMR14, SPTDEE⁺15, SSV⁺10, SP15, SVM⁺18, SRD⁺16, SNK⁺19, TMM⁺15, TSK⁺19, TTL⁺16, TDT⁺16, WNLF⁺12, YHY⁺16, ZWL⁺16, GRB⁺17, GMB⁺17, GMC⁺16a]. **syndrome-associated** [JYZ⁺14]. **syndrome/acute** [BPK⁺17]. **synergism** [ZN10]. **Synergistic** [LGJ19]. **Syngnathidae** [FFLC17]. **synthase** [PLCC11]. **synthesis** [SRB12]. **system** [AGFG19, ACM⁺14, CBC⁺13, DPTFC10, DLLB⁺18, EAN⁺18, FYO⁺11, JJS⁺12, JSAB⁺19, áKÁGA16, KDP⁺17, LP17, MSG⁺18, PHW⁺16, XXL⁺19]. **systematic** [GCS⁺18, YGL⁺18]. **Systemic** [CGAS19, CDD⁺18, EKS⁺13, NOV⁺11, RSR⁺18, RPM⁺19, CPP14, DLP⁺13, LCOZ10, PRY⁺18, TCC10a]. **systems** [BSD⁺18b, BTN⁺18, BGD⁺17, GDW⁺15, LRS⁺17, RSB13].

T [BA14, NYRS12, TQW⁺14]. **T-cell** [NYRS12, TQW⁺14]. **T.** [LUP⁺18]. **taeniolatus** [LYD⁺15]. **Taeniura** [CDM⁺16]. **tail** [DCV⁺14, MSC⁺17, YNL11, ZJDL18]. **tailed** [DD15]. **Taiwan** [CCT⁺11, CLW⁺13, PLC⁺19b]. **Takahashi** [ZCC18]. **Takifugu** [KOI⁺14, MKMY10]. **tambaqui** [PdSG⁺12]. **tandem** [ACAS14, HZP⁺12, JGI⁺10]. **tank** [GAVC16, PSS17]. **tank-reared** [PSS17]. **tannic** [AMRHM18]. **tapetis** [VDD⁺18]. **TaqMan**

[FSO⁺10, LGC⁺19, BMBS12, FGR⁺12, JKS⁺13, ZHFC11]. **Taqman-based** [JKS⁺13]. **tarda** [CTD⁺12, COB⁺16, KTK17, KREM14, LKS⁺13, LML⁺13, QXW14, RSR⁺18, SMV⁺14, WZA10, ZXW⁺12]. **target** [MSS⁺17a]. **targeted** [GWM12, MPJ⁺15]. **targeting** [CXW⁺19, HLP⁺16, vGJKR⁺17]. **tarpon** [BCW⁺15]. **Tasmania** [ABC⁺10]. **Tasmanian** [SN14, ZCCN13, ZCC⁺15]. **Tasoh** [ARR⁺18]. **Taura** [APG⁺11]. **taurus** [LL11]. **Technical** [BHA⁺17]. **technique** [FNISE12, MTHB13, PSVK⁺18, TMWV14]. **techniques** [CPdPP16, MFES18, TCS19]. **Telangiectatic** [RHSM⁺18a]. **teleost** [MYWC18, SdMVS⁺16, ZGY⁺18]. **Teleostei** [Lek12, RRC⁺17]. **teleosts** [BDM⁺18, SCD19]. **Temminck** [CONN10, FNISE12, GHH⁺11, HKK⁺11b, JKC⁺11, JJV⁺15, KSS⁺15, KYK⁺12, KLW10, LKS⁺13, MKK⁺11, MKMY10, NSS⁺17, OMO⁺15, SSJ⁺19, YYF⁺10, ZCC18]. **Temperature** [VCLW16, AAV⁺16, ASSP⁺15, BSPS⁺18, BPCS19, Bin14, CRBLC⁺17, DSA⁺12, EDV⁺18, FFP⁺14, GHB⁺11, HMW11, HZJ⁺19, IFF⁺15, JBO⁺15, JJV⁺15, KCL14, MPS⁺18, PMPG⁺16, SFR⁺17, SK15, SJK⁺14, VBL⁺15]. **temperature-dependent** [ASSP⁺15, HZJ⁺19]. **temperature-influenced** [BSPS⁺18]. **temperature-related** [JBO⁺15]. **temperatures** [FHFF15, GMN12, JPG⁺19, RHTC19b, SVL⁺17, VBL⁺16]. **Temporal** [PHR14, ASB⁺12, DIVC16, SBW⁺18, SVV⁺17]. **Temporary** [AHPR⁺16]. **ten** [VTM⁺14]. **Tenacibaculosis** [MMS⁺16, FBL⁺14]. **Tenacibaculum** [AHITC18, BMH⁺19, BVT⁺18, CSCCA14, FSG⁺12, FSV⁺18, FSB⁺18c, IGLG⁺17, KAF⁺19, LITCAH19b, LPVGL⁺10, MMS⁺16, VFB⁺12]. **tench** [DLP⁺13]. **tentative** [VDH19]. **tequila** [RAM⁺17]. **teratoma** [RAM⁺17]. **term** [DIVC16, KHG⁺17, LTC17, MSBB⁺16]. **ternetzi** [SHAM14]. **terraenovae** [BA13]. **territorial** [BCL⁺19]. **test** [BTC⁺17, CLC⁺17, DLLB⁺18, HWM⁺13, JWO⁺10, SEK⁺16, ZWL⁺14]. **Testate** [DT16]. **Testicular** [Reh13]. **testing** [BVK⁺16, EAM⁺13, GCW17, HH13b, LTM⁺19, PPE⁺18, WGL17]. **tests** [LTG⁺18, OTN⁺12, TAC15]. **testudineus** [LJHG14]. **tetra** [BE19, LLG⁺15, Lek12, ŘKH17, ŘKH18, SHAM14, SMS⁺19]. **Tetracapsuloides** [BSPS⁺18, BPPKJ10, JZK⁺14, KAEMSEM13, MJ17, Mor12]. **Tetradecylthioacetic** [GRT12]. **Tetrahymena** [LCOZ10, SPLV⁺15, XZZ16]. **Tetramicra** [SFBW⁺17]. **tetraspanins** [WLX⁺10]. **TH0426** [YZW⁺19]. **Th1** [KBD13, CKJ⁺14]. **Th1-** [CKJ⁺14]. **Th1-/** [CKJ⁺14]. **Th1/Th2/Treg** [KBD13]. **Th2** [KBD13, CKJ⁺14]. **Th2-like** [CKJ⁺14]. **Thailand** [BPK⁺17, DLPR15, KTP⁺15, KYB⁺15, SHW⁺11, SHS14, STG⁺10, SRT⁺14]. **thailandensis** [SHW⁺11]. **their** [AHH16, BCLM⁺19, CPdPP16, DSSB18, DPC⁺10, HGH⁺18, HB12, JGI⁺10, JSJR⁺19, KBE⁺14, NFA15, PPF⁺12, RAS⁺10, SWM⁺15, TSK⁺19, TQW⁺14, WNMK⁺16]. **Thelohanellus** [LJHG14]. **them** [JMD⁺18]. **theory** [TALA11]. **Theragra** [WMF14]. **therapeutic** [BE19, MSCH14]. **therapy** [FLCC⁺14]. **thermoadapted**

[RPM⁺19]. **thermophila** [XZZ16]. **these** [BSD⁺18a]. **thickening** [DRdS⁺10]. **thicker** [SWS⁺16]. **thicklip** [HSGD11]. **Thoracocharax** [dSdAdS⁺19]. **Three** [KTK17, WLX⁺10, ABVS18, KKT⁺18b, KFK⁺16, MTHB13, OEG⁺13, SGB⁺16, SPKS17, SN14, WFH⁺18, XKBC12, ZWG⁺17, PJZB19]. **Three-dimensional** [KTK17]. **three-spined** [KFK⁺16, WFH⁺18, PJZB19]. **threespine** [ASW16]. **thromboticans** [WEPB⁺18]. **throughout** [TWJP10]. **throughput** [BHT⁺17, LITCAH19b, TCFáS19]. **Thunberg** [GVLE16, GCCLRP⁺13, HPY⁺13, OTN⁺12, OKS⁺13]. **Thunnus** [CZB⁺11, PSZ⁺14]. **thymic** [KVC⁺16]. **thynnus** [CZB⁺11, PSZ⁺14]. **thyrsites** [MSBB⁺16]. **tiburo** [CBC⁺13, MCWL13]. **tidal** [PHR14]. **tidepool** [SPTDEE⁺15]. **tigecycline** [CDW17]. **tiger** [DCMM13, DBM⁺14, KOI⁺14, LL11, MKMY10, NDA⁺19, PSK⁺13, SRSF10]. **tilapia** [ARR⁺18, AZSSZZ13, ACLP⁺19, ATP⁺17, AdOG⁺17, BMMC⁺15, CMS⁺19, CCHL13, CLLF14, CZL⁺19, DLPR15, DSLR16, DTJ⁺17, FLCC⁺14, FKB⁺14, HZX⁺13, ICVV16, JST⁺19, KAS⁺18, KTP⁺15, KBTMH⁺16, LLH⁺14a, LCZ⁺18, LLX⁺19, LLL⁺18a, MCW⁺18, MNM⁺18, NMV⁺19, NLF11, NYRS12, OGI⁺18, PNBK13, PCK⁺15, PYSS19, PLC⁺19b, RHTC19b, RPMRLJ⁺19, SPKS17, SLKE10, SL15, SKGE13, SFL⁺16, SPS⁺19, TSS18, TRS19, TvWO⁺16, VMBGIC19, VJWC⁺18, WWZ⁺18, WSA⁺18, XXL⁺19, YSHG18, YTKS19, YLL⁺18, YWW⁺19, ZKL⁺19, ZTF⁺10, vD14, NFF⁺17]. **Tilesius** [GM11]. **TiLV** [ARR⁺18, MCW⁺18]. **Timah** [ARR⁺18]. **Time** [JMF⁺18, ATM⁺10, AGB⁺19, AdOG⁺17, BKS⁺17, BKD17, BMBS12, CDF⁺18, CDG⁺14, DCL⁺17, FSO⁺10, FGR⁺12, FSG⁺12, GBV⁺16, GJK⁺11, GTH11, GBSF12, HRL15, HGB⁺11, JKS⁺13, JNN⁺11, KJW⁺12, KBJ⁺13, LGC⁺19, MMBS10, MSI⁺15, MLWC11, NLKA16, SK15, TCFáS19, YTL10, ZHFC11, vBVL⁺16]. **time-monitoring** [AGB⁺19]. **timing** [GVB⁺17a]. **Tinca** [DLP⁺13]. **tips** [DCV⁺14]. **Tissue** [AOAH13, MRR⁺14, BKS⁺17, BTC⁺17, CIA⁺18, DdRTM13, HSHC⁺16, LAN⁺14, LRD⁺19, LJC⁺19, MB17, OKS⁺13, PAM⁺19, SSV⁺17, SG12, SFL⁺16, ZYW⁺10]. **tissues** [CDF⁺18, FBL⁺14, FGR⁺12, GMB⁺17, GM10, GGW⁺11, OBD⁺11, RNM⁺12, SSHEM11]. **titration** [CCCTA⁺14]. **titre** [OKS⁺13]. **TLR1** [SHKF16]. **TLR2** [ZZQ⁺19]. **TLR22** [SHKF16]. **TLR5** [QZZ⁺18b]. **TLR5M** [SHKF16]. **TLR5S** [SHKF16]. **Todd** [JCN⁺14]. **TOF** [PSVK⁺18, PSCFB⁺18]. **tolerance** [CDW17, JHGR13, SW11, WWE⁺13]. **toll** [PRSK10, SHKF16]. **toll-like** [PRSK10, SHKF16]. **tomentosa** [KWGS19, MWRSK17, MKK⁺11]. **tomographic** [LTC⁺14]. **tongue** [XJL⁺15, ZQB⁺11]. **tool** [HH13b, Sla14]. **tooth** [OAO⁺12]. **top** [EAM⁺13]. **topmouth** [MKK⁺11]. **Tor** [SM14]. **Toxicity** [PNBK13, MGF17, PCK⁺15, SRB12, ZPM⁺18]. **toxicology** [GHW⁺15]. **toxicosis** [DGS⁺14, MSS⁺12]. **toxin** [CCLGRM⁺17, NPGA⁺19]. **toxoid** [SWM⁺15]. **Toxoplasma** [SZM⁺15]. **Trachinotus** [AZSI⁺12, CWL⁺17, LYL⁺18, WKW13]. **Trachurus** [ONGQ⁺14]. **tracing**

[KDA⁺¹⁸]. **tracking** [EKT⁺¹¹]. **tract** [ABF15, BT14, BLFC12, MBB12].
Trade [RMS⁺¹³, CDM⁺¹³]. **traded** [AHJS⁺¹⁸]. **trafficked** [ARFG13].
traits [KNN19]. **transcribed** [DPMK12]. **transcription**
[FVAVMGE18, GRT12, TSS18, YWW⁺¹⁹]. **transcriptional**
[LHW^{+15b}, TQW⁺¹⁴]. **transcriptome**
[FFLC17, PKLH19, VMBGE17, XJL⁺¹⁹, ZJR⁺¹⁸]. **Transcriptomic**
[CRBLC⁺¹⁷]. **transcriptomics** [JBO⁺¹⁵]. **transfection**
[CLL⁺¹⁰, WKW13]. **transfer** [BLFRCQ10, JMF⁺¹⁸, RHS⁺¹²]. **transform**
[WNCR12]. **translationally** [NRMS14]. **transmissible** [GMC^{+16a}].
Transmission
[AZSSZZ13, BWS⁺¹⁸, CVGR⁺¹³, CBW19, FBAS16, HVVV15, HKG⁺¹⁵,
SVY⁺¹⁴, AHJS⁺¹⁸, BMK17, FBS13, FYO⁺¹¹, HGG⁺¹¹, JNS⁺¹⁹, KS19,
KSA⁺¹⁰, MMD16, NLC⁺¹⁶, PMPG⁺¹⁶, RMS⁺¹³, SHJ⁺¹², STIG17,
SHV⁺¹⁶, SMKBP17, TRS19, WMM⁺¹⁶, WKK12, YTKS19, YLL⁺¹⁸].
transmit [WNGS⁺¹⁷]. **transmitting** [CJB⁺¹⁵]. **transport**
[SMR16, SVY⁺¹⁴]. **transporter** [OJRL10, WZL13]. **transversum**
[FFP⁺¹⁴]. **treat** [ACN12, AMRHM18, LML12]. **treating** [KWGS19].
Treatment [LCOZ10, PB18, TNK12, BCT⁺¹⁷, BA14, CDW17, CB13,
FVAVMGE18, GBV⁺¹⁶, GVB^{+17b}, HHO14, JML19, KBE⁺¹⁴, MGM⁺¹⁸,
MSCH14, RHS⁺¹², RSH11, SMM⁺¹³, SFF⁺¹⁷, VGI⁺¹⁶, VME⁺¹⁹, ZTF⁺¹⁰].
treatments [BNS13, CDW17, GVB^{+17a}]. **Treg** [KBD13]. **Trematoda**
[BCM⁺¹⁷, PMP⁺¹⁸]. **triactinomyxon** [FCJH19]. **trial**
[BVK⁺¹⁶, BSBH10, CCH⁺¹⁹]. **tributaries** [BWB⁺¹⁷]. **tributary**
[MKKM15]. **Trichodina** [MUM⁺¹⁹]. **Trichosporon** [AMAR18]. **tricolour**
[RTM⁺¹⁵]. **trigger** [Bin14]. **triggers** [SJK⁺¹⁴]. **triple** [PPI⁺¹³, SFF⁺¹⁷].
triple-dose [PPI⁺¹³]. **triploid**
[ACA⁺¹⁶, AAV⁺¹⁶, GCWB11, LWZ⁺¹⁸, SFR⁺¹⁷]. **triploidy**
[FHFF15, FMH⁺¹⁵]. **trophonts** [vGJHS⁺¹¹]. **trophozoites** [WNMK⁺¹⁶].
tropical [VMCM14]. **tropism** [ADF14, ADMF15, SFL⁺¹⁶]. **trout**
[ASA10, ASHZ⁺¹², AOAH13, AHHR⁺¹⁰, AHPR⁺¹⁶, AJLC⁺¹⁶, AGFG19,
ABT⁺¹⁴, AA10, AMA11, BSW17, BSPS⁺¹⁸, BCLM⁺¹⁹, BKD17, BHA⁺¹¹,
BE19, BA14, BLFC12, BAH⁺¹⁸, CSS⁺¹⁶, CGW⁺¹⁹, CHAB10, CKJ⁺¹⁴,
CMH⁺¹⁷, CAJD⁺¹⁸, CPB⁺¹⁵, CMR⁺¹⁶, CLS⁺¹⁵, DS10, DPTFC10,
DPTCF10, DMP10, DSSB18, DSSB19, DJR⁺¹⁹, DdRTM13, DdRCP13,
DPADO16, DGS⁺¹⁴, DSJA18, DT16, GRB⁺¹⁷, GMB⁺¹⁷, GFO⁺¹³,
GCNB16, GTH11, GPFAG19, GDW⁺¹⁵, GMC^{+16b}, HGH⁺¹⁸, HKBD15a,
HKBD15b, HJN⁺¹⁹, IOO15, JKL⁺¹³, JAJC⁺¹⁸, JDH⁺¹⁸, JML19,
vGJHS⁺¹¹, vGJKR⁺¹⁷, KSM⁺¹⁷, KEY⁺¹⁵, KHG⁺¹⁷, KFK⁺¹⁶, LPA⁺¹⁰,
LP17, LUP⁺¹⁸, LLS⁺¹¹, MBOC19, MNF⁺¹⁵, MSC⁺¹⁷, MCSM17, MHNY18,
Mor12, MTLP^{+18b}, MNM⁺¹⁸, MNM⁺¹⁹, MKKM15, NB11, NOV⁺¹¹,
NDA10, OP14, OLVJ⁺¹³, OBFR12, OBD⁺¹¹, OSC⁺¹⁴, OSAA18, OLT⁺¹⁰,
PDLW17, PMW⁺¹⁰, PMH⁺¹¹, PRT⁺¹⁴, PSBG⁺¹¹, PGF⁺¹⁹, PLCC11,
PPE⁺¹⁸, QPB⁺¹⁶]. **trout**
[RSB13, R̄KH16, RCGGM15, RBL⁺¹¹, RHB⁺¹⁵, SHJ⁺¹², SPCR⁺¹⁹,

SCR⁺¹⁵, SVV⁺¹⁷, SON⁺¹⁸, SSC17, VSS17, XKB12, YDO⁺¹⁶]. **trumpeter** [ABC⁺¹⁰, CB13]. **trutta** [BSPS⁺¹⁸, AGFG19, GFO⁺¹³, GMG⁺¹⁹, OSC⁺¹⁴, PGF⁺¹⁹]. **truttae** [MUM⁺¹⁹]. **Trypanorhyncha** [BB11]. **tshawytscha** [BHT⁺¹⁷, BMH⁺¹⁹, DWP⁺¹⁹, DPD⁺¹⁸, GMC^{+16a}, GBO⁺¹⁸, GTH11, LST⁺¹², LF16, LF18, LWMT10, PMPG⁺¹⁶, STF⁺¹⁵]. **TSV** [APG⁺¹¹]. **Tu** [PLCC11]. **tubiashii** [DABO⁺¹⁷]. **tumour** [NRMS14, PHR14, Řeh13]. **Tumours** [BWB⁺¹⁷]. **tuna** [CZB⁺¹¹, PSZ⁺¹⁴]. **Tunic** [KOS⁺¹⁰, PZL⁺¹⁴]. **Tunisia** [YMBE13, YB17]. **Tunisian** [CGG⁺¹⁰]. **turbot** [COB⁺¹⁶, HMW11, JCS11, LBF⁺¹⁴, MBB12, MDF⁺¹⁷, QXW14, SODB16, WM19, dOAPLá⁺¹⁷]. **Turkey** [SDWA18]. **Turkish** [BAH⁺¹⁸]. **turpisrotundus** [ZWLG10]. **tuvira** [VMCM14]. **twin** [LTC⁺¹⁴]. **twins** [ADR11, BQP12]. **Two** [CdAPdC⁺¹⁹, MS16, XZZ16, YSV⁺¹³, BSPS⁺¹⁸, BDM⁺¹⁸, CRS⁺¹³, DCG18, FLVA10, GPFAG19, GFW⁺¹⁰, HKK^{+11b}, HRL15, HLC⁺¹⁵, HSHC⁺¹⁶, LLL⁺¹², MFHHG18, RAM⁺¹⁸, RB15, RTM⁺¹⁵, SQC⁺¹⁴, VDHV⁺¹⁶]. **two-dimensional** [LLL⁺¹²]. **two-step** [HRL15]. **type** [DJR⁺¹⁹, EAN⁺¹⁸, HBVB16, KHC⁺¹⁸, LGS⁺¹⁴, MSG⁺¹⁸, PBC15, PMW⁺¹⁰, PMH⁺¹¹, PRY⁺¹⁸, VJWC⁺¹⁸, ZWG⁺¹⁷]. **types** [DLP⁺¹³, VCOD17, XKB12]. **typing** [GLK⁺¹⁶, ISCF⁺¹⁹, RDW18, TCS19, VLVS⁺¹⁶]. **Tyrrhenian** [GFB⁺¹³].

U [PMW⁺¹⁰, PMH⁺¹¹]. **U-type** [PMH⁺¹¹]. **Uganda** [WMD⁺¹⁸]. **ulcer** [SSF⁺¹⁷, ZxYJ⁺¹⁹]. **ulcerations** [VDD⁺¹⁸]. **Ulcerative** [RBS⁺¹⁶, HHC⁺¹⁸, KOB⁺¹⁷, KPT⁺¹¹, KR⁺¹⁷, SJT14, VFB⁺¹², ZWL⁺¹⁶]. **ultrasonographical** [RHST⁺¹⁶]. **Ultrastructural** [GMB⁺¹⁷, HFT⁺¹², MBT⁺¹⁷, DCG18, SMS⁺¹⁹]. **ultrastructure** [CHWM⁺¹⁹, GFS⁺¹⁴, LvD18]. **Ultraviolet** [CB13, HPAL10, MUM⁺¹⁹]. **unaffected** [JOF⁺¹⁹]. **Uncovering** [VMBGE17]. **underlines** [VC17]. **underlying** [JBO⁺¹⁵]. **undescribed** [GLK⁺¹⁶]. **undosquamis** [KSAB⁺¹⁴]. **UNESCO** [GVLE16]. **Unexpected** [HSGD11, LHW^{+15a}]. **United** [CDM⁺¹³, GCS⁺¹⁸, NSB⁺¹⁸, PTM⁺¹⁹]. **units** [HZP⁺¹²]. **unusual** [QXW14, RVC18]. **unusually** [MLWC11]. **Updated** [YLW⁺¹⁴]. **upon** [TTL⁺¹⁶]. **upper** [LEM⁺¹⁹, SWS⁺¹⁶, WBE⁺¹⁷, HHC⁺¹⁸, JMhk18]. **uptake** [RRO⁺¹³, TDLT⁺¹⁶]. **Urtica** [AA10]. **Uruguay** [PAZ18]. **USA** [CGAS19, FSM⁺¹⁶, MTG⁺¹⁰, PHR14, PBBG19]. **usage** [HBS⁺¹⁴, MLH⁺¹⁵]. **Use** [AA10, CMEV17b, GCGR13, SMM⁺¹³, ABF15, BW18, CHV⁺¹², GTH11, JSJR⁺¹⁸, LTM⁺¹⁹, LLDL13, MVM⁺¹⁸, RSF⁺¹⁷, SVL⁺¹⁷, SFF⁺¹⁷, TMWV14, VBL⁺¹⁵]. **used** [BNS13, DZV10, VME⁺¹⁹, WDM⁺¹⁵]. **uses** [CRO⁺¹⁸]. **Using** [BWM⁺¹³, SDI⁺¹⁸, ATM⁺¹⁰, ACN12, ASHZ⁺¹², AGFG19, BE19, CMEV17a, CHB⁺¹⁷, DLLB⁺¹⁸, DWL⁺¹⁷, DXX⁺¹⁵, FCM⁺¹⁹, FSV⁺¹⁸, GPFAG19, GFM⁺¹¹, ITKH18, JYZ⁺¹⁴, KTN⁺¹⁶, KKT^{+18b}, KKT^{+18a}, KSA⁺¹⁰, LZZN10, LFH⁺¹¹, LCR⁺¹⁰, LJGRI⁺¹⁰, MSI⁺¹⁵, MID^{+19a}, MUM⁺¹⁹, MTHB13, MTA⁺¹⁵, OWM⁺¹⁷, RBAT⁺¹⁷, SLKE10, TCS19,

VCOD17, WCW16a, WNLF⁺¹², XZZ16, YGL⁺¹⁸, YkSKY13]. **Utilization** [ZYW⁺¹⁰, BWM⁺¹³, EKT⁺¹¹, OJRL10]. **utilizing** [ZFZ⁺¹¹]. **Uttarakhand** [SM14].

V. [ZZC⁺¹⁷]. **vaccinated** [MSC⁺¹⁷, PBMB11]. **Vaccination** [EDV⁺¹⁸, FMH⁺¹⁵, KBD13, ASHZ⁺¹², ESV^{+19b}, JAJC⁺¹⁸, LAN⁺¹⁴, MBS^{+19a}, MID^{+19b}, NCNB18]. **vaccine** [BVK⁺¹⁶, BSBH10, CLWJ13, CLGP15, CCH⁺¹⁹, CGR17, ÇOÇ⁺¹⁶, CLS⁺¹⁵, DMK⁺¹⁹, ESV^{+19b}, FLC⁺¹⁷, GHB⁺¹¹, HLL⁺¹², HJN⁺¹⁹, JKC⁺¹¹, JOF⁺¹⁹, vGJKR⁺¹⁷, LPA⁺¹⁰, LLDL13, LLX⁺¹⁹, LXHL11, MBS^{+19a}, MSC⁺¹⁷, RPMRLJ⁺¹⁹, RSGB⁺¹⁴, SCK13, SLKE10, WHR⁺¹⁸, ZWL⁺¹⁴]. **vaccine-induced** [GHB⁺¹¹]. **vaccine-mediated** [JOF⁺¹⁹]. **vaccines** [Dal18, ELI⁺¹⁷, NFA15, NNC⁺¹⁸, ZXW⁺¹²]. **vacuoles** [LTC16]. **Vagococcus** [TCFáS19, TCS19, YDO⁺¹⁶]. **Vahl** [LZGZ16]. **Valenciennes** [BCW⁺¹⁵, GMP⁺¹¹, GGW⁺¹¹, GCWB11, HLL⁺¹², HCEH16, KHS11, LLL⁺¹², LJGRI⁺¹⁰, LXHL11, MVWS13, NWMK16, PMBM13, SS17, XKBC12, YYW⁺¹⁴]. **Validation** [BWZ⁺¹⁷, CLC⁺¹⁷, GM10, LPCC12, BMBS12, ÇOÇ⁺¹⁶, EAM⁺¹³, JKS⁺¹³, KJW⁺¹², KBJ⁺¹³, TSS18, VCOD17, vBVL⁺¹⁶]. **values** [GCW17, SEK⁺¹⁶]. **valvularis** [WEPB⁺¹⁸]. **vannamei** [BTN⁺¹⁸, CMEV17a, CMS⁺¹⁷, CMEV17b, CLW⁺¹³, EEMCEGSP16, HMV⁺¹⁷, HXZ⁺¹⁶, JQK14, KS19, NNCLGC⁺¹¹, RPGCIG17, SSV⁺¹⁷, STG⁺¹⁰, SNM⁺¹⁶, SVM⁺¹⁸, TMM⁺¹⁵, TSK⁺¹⁹, TTL⁺¹⁶, TDLT⁺¹⁶, TDT⁺¹⁶]. **vapA** [GLK⁺¹⁶]. **Var** [BVL⁺¹⁸, GVLE16]. **variability** [SBW⁺¹⁸, VCS⁺¹⁹]. **variable** [ACAS14, HZP⁺¹², PPF⁺¹²]. **variant** [CKTT10, LDA⁺¹⁹, QXW14]. **variants** [BVL⁺¹⁸, HBVB16, MFHHG18, TOK⁺¹⁶]. **Variation** [GBV⁺¹⁶, VDHV⁺¹⁶, DZV10, LTC17, WNAF⁺¹³]. **variations** [HBVB16, JJB15, JGI⁺¹⁰]. **various** [BLL⁺¹⁷]. **vary** [GRP⁺¹⁵]. **vascular** [RSB13]. **vector** [MSB⁺¹⁹, NLC⁺¹⁶, SHV⁺¹⁶]. **vein** [ASW16]. **ventral** [DKG⁺¹⁷]. **ventricosa** [RPJ⁺¹⁸]. **verification** [ŘKH18, SHW⁺¹¹]. **veronii** [ZWL⁺¹⁶, CHH⁺¹⁴, CYS17, DTJ⁺¹⁷, FMA⁺¹⁹, MP18, RKK⁺¹⁹, YZW⁺¹⁹]. **Verrucous** [RKPG16]. **Vertebral** [DWP⁺¹⁹, JHM⁺¹⁸, FHFF15, GHB⁺¹¹, LWZ⁺¹⁸, LGS⁺¹⁴, MLF⁺¹⁰, dALF⁺¹⁷]. **vertical** [JNS⁺¹⁹, KSA⁺¹⁰, NRF⁺¹⁸, YTKS19]. **VERV** [GFB⁺¹³]. **VHS** [GVC⁺¹⁹, HLL⁺¹², HAS⁺¹⁹]. **VHSV** [GMN12, GGW⁺¹¹, GRP⁺¹⁵, MMBS10, ZLX⁺¹⁹]. **VHSV-IVb** [GMN12]. **via** [KJW⁺¹⁷, PBM⁺¹⁵, RPMRLJ⁺¹⁹, TRS19, DDBC⁺¹⁵]. **viability** [CAS⁺¹⁸, FCJH19, HPAL10, MGM⁺¹⁸, VCLW16]. **Vibrio** [AHAMR⁺¹⁹, BTN⁺¹⁸, BVK⁺¹⁶, BT14, BGC⁺¹⁷, BBP18, BFC⁺¹⁵, CLWJ13, CCLGRM⁺¹⁷, CCH⁺¹⁹, CLW⁺¹¹, CKTT10, CDG⁺¹⁴, DD18, DJQ⁺¹², DABO⁺¹⁷, FLVA10, FMB⁺¹¹, HRL15, HBVB16, HXZ⁺¹⁶, HGX⁺¹⁹, ITKH18, JQK14, KTN⁺¹⁶, KYB⁺¹⁵, LLDL13, LSC⁺¹⁴, LSA⁺¹⁵, LMM⁺¹⁵, LMM⁺¹⁶, MBB12, MKMY10, NNC⁺¹⁸, NDA⁺¹⁹, PKLH19, QWTL17, QZZ^{+18b},

RGD⁺¹², RRO⁺¹³, RCD⁺¹⁷, SSF⁺¹⁷, SNM⁺¹⁶, SCS⁺¹², TMC⁺¹²,
 VDD⁺¹⁸, WBF⁺¹⁰, WZQ⁺¹⁶, WM19, YGL⁺¹⁸, YLX^{+19a}, YLS⁺¹⁹,
 ZZC⁺¹⁷, ZWY⁺¹¹, ZQB⁺¹¹, ZJR⁺¹⁸, Z_xYJ⁺¹⁹, ZXW⁺¹², ZDWH18].
vibrioferrin [COB⁺¹⁶]. **Vibrionaceae** [NMM⁺¹⁸]. **Vibriosis**
 [PDDC⁺¹⁴, HBH⁺¹⁹]. **vibriosis** [KSS17, TNK12]. **Vibrogen** [CCH⁺¹⁹].
Vibrogen-2 [CCH⁺¹⁹]. **Victoria** [MCW⁺¹⁸]. **Vietnam** [BAD⁺¹²].
Vietnamese [CTK⁺¹⁰]. **Viola** [YLX^{+19b}]. **viraemia**
 [EBM⁺¹⁸, GSBEM15, MPBM⁺¹⁶, OCLI⁺¹⁹, SKN⁺¹⁶]. **Viral**
 [AHRH⁺¹⁰, DVC⁺¹⁷, GGW⁺¹¹, HPAL10, VPP⁺¹², WKW13, WNAJ⁺¹⁶,
 AHRP⁺¹⁶, Ano12c, BRMG13, Bin14, DSA⁺¹², DAB⁺¹², DPADO16,
 EKED⁺¹⁷, GJVT⁺¹¹, GFB⁺¹⁹, GFB⁺¹³, GMN12, GFW⁺¹⁰, GVC⁺¹⁹,
 HLL⁺¹², HKD⁺¹⁰, HGG⁺¹¹, JQK14, JKS⁺¹³, KKK15, KF10a, KF10b,
 KOS⁺¹⁰, LRD⁺¹⁹, LFH⁺¹¹, LVADB17, LNC⁺¹⁷, MMBS10, MDC⁺¹⁸, MF12,
 MMW⁺¹⁵, NOST⁺¹⁶, OEG⁺¹³, PBM⁺¹⁵, PJJ⁺¹², RAM⁺¹⁸, RAM⁺¹⁹,
 RMS⁺¹³, SHJ⁺¹², SOGR⁺¹⁹, SJ11, TDS⁺¹⁹, VLVS⁺¹⁶, VBL⁺¹⁵, VBL⁺¹⁶,
 WDM⁺¹⁵, WMM17, WXL16, WKW⁺¹¹, Wen16, WNSAL12, XQS⁺¹⁵,
 YNL11, ZLX⁺¹⁹]. **viral-induced** [XQS⁺¹⁵]. **viremia** [MGN⁺¹⁶, XWP⁺¹⁸].
Virginia [PBBG19]. **virginica** [CBM⁺¹⁸]. **viridans** [CG11]. **Virion** [FE11].
Virucidal [JST⁺¹⁹]. **Virulence** [BGG11, DSLR16, EBM⁺¹⁸, JDH⁺¹⁸,
 RPGCIG17, XXL⁺¹⁹, ZZC⁺¹⁷, BHF13, BLF⁺¹⁶, BGC⁺¹⁷, BFC⁺¹⁵,
 COB⁺¹⁶, CD17, CG11, CHB⁺¹⁷, CDG⁺¹⁴, DSSB18, DSSB19, EA18,
 FMB⁺¹¹, GTGCM19, HZJ⁺¹⁹, HGX⁺¹⁹, JMS13, JJSJ15, LCV⁺¹⁷, LFD⁺¹⁷,
 LLLG18, LZZN10, LXZ⁺¹⁹, NDA⁺¹⁹, RCD⁺¹⁷, SL15, STES14, TDH⁺¹⁰,
 VSS17, VDHV⁺¹⁶, YZW⁺¹⁹, ZJDL18, ZKL⁺¹⁹, ZWL⁺¹⁶, BAMYAH19].
Virulence-associated [ZZC⁺¹⁷]. **virulence-related** [COB⁺¹⁶]. **virulent**
 [DZC⁺¹⁶, FNISE12, GPL⁺¹², MAC⁺¹⁵, OFA11, RPM⁺¹⁹, WZA10]. **virus**
 [ADMF15, ATM⁺¹⁰, ARR⁺¹⁸, ABVS18, ASHZ⁺¹², AOAH13, AHRH⁺¹⁰,
 AHRP⁺¹⁶, AAUHW15, Ano12c, APG⁺¹¹, BLdA⁺¹⁸, BWNS⁺¹¹, BAH⁺¹⁸,
 CVGR⁺¹³, CCCTA⁺¹⁴, CNN⁺¹⁰, CWW⁺¹⁸, CGW⁺¹⁹, CLL⁺¹⁰, CLW⁺¹³,
 CGG⁺¹⁰, CMS⁺¹⁹, CCME16, DLCC⁺¹³, DZV10, DCZ⁺¹⁷, DPADO16,
 DCM13, DBM⁺¹⁴, EYF⁺¹⁹, ESA⁺¹⁰, ECP⁺¹⁰, EKT⁺¹¹, EBM⁺¹⁸,
 EKED⁺¹⁷, FSO⁺¹⁰, FE11, GJVT⁺¹¹, GL18, GFB⁺¹³, GSBEM15, GGW⁺¹¹,
 GBSF12, GFS⁺¹⁴, GVC⁺¹⁹, GHW⁺¹⁵, GCS⁺¹⁸, HSC⁺¹⁶, HVM⁺¹⁷,
 HVVV15, HGG⁺¹¹, HZP⁺¹², HHX⁺¹⁵, HPAL10, IBFL19, IOO15, JST⁺¹⁹,
 JKC⁺¹¹, JQK14, JHW17, JFWH19, JNS⁺¹⁹, JYZ⁺¹⁴, JGI⁺¹⁰, JSK⁺¹⁰,
 JKS⁺¹³, JJS⁺¹², JMS13, JJSJ15, KKK15, KF10a, KF10b, KKK⁺¹⁸,
 KDA⁺¹⁸, KBD13, KWD⁺¹⁶, LC17, LASRA⁺¹⁹, LYL⁺¹⁸, LRD⁺¹⁹, LQY11,
 LLWL15, LHW^{+15a}, LGJ19, LJGRI⁺¹⁰, LVADB17, MLH⁺¹⁵, MBOC19,
 MRR⁺¹⁴, MKI⁺¹⁵, MMWK19, MPBM⁺¹⁶, MRN⁺¹⁹, MMBS10, MBS⁺¹⁷,
 MSB⁺¹⁹, MTK⁺¹⁰]. **virus** [MAC⁺¹⁵, MFES18, MSI⁺¹⁵, MF12, MGN⁺¹⁶,
 MTHB13, MCW⁺¹⁸, MNM⁺¹⁸, MNM⁺¹⁹, MMH10, MCO11, MMW⁺¹⁵,
 MMNL14, NMV⁺¹⁹, NNCLGC⁺¹¹, NSC⁺¹⁸, NB10, NOST⁺¹⁶, OTN⁺¹²,
 OKS⁺¹³, OMO⁺¹⁵, OBFR12, OEG⁺¹³, OCLI⁺¹⁹, PTM⁺¹⁹, PHvdH12,
 PWHW18b, PMW⁺¹⁰, PMH⁺¹¹, PBM⁺¹⁵, PSK⁺¹³, PJJ⁺¹², PYSS19,

RNM⁺¹², RPGCIG17, RDN⁺¹², RSMH09, SJDC⁺¹³, SPTDEE⁺¹⁵, SSV⁺¹⁰, SGB⁺¹⁶, SHJ⁺¹², STG⁺¹⁰, SP15, SKN⁺¹⁶, SWD⁺¹⁴, SZZSFN⁺¹⁴, SVM⁺¹⁸, SG12, SEM18, SJ11, SSO⁺¹⁴, SRD⁺¹⁶, TMM⁺¹⁵, TIK^{+14a}, TSS18, TB12, TSK⁺¹⁹, TRS19, TTL⁺¹⁶, TCM⁺¹⁹, TDT⁺¹⁶, VLVS⁺¹⁶, VCOD17, VBL⁺¹⁵, VBL⁺¹⁶, WWS⁺¹¹, WCW16a, WWZ⁺¹⁸, WKW⁺¹¹, WCW^{+16b}, WNSAL12, WNAF⁺¹³, XJL⁺¹⁹, XWP⁺¹⁸, YTKS19, YLSW14, YHY⁺¹⁶, YLL⁺¹⁸, YCNW18, YWW⁺¹⁹, ZLX⁺¹⁹, ZLN⁺¹⁷, CCCTA⁺¹⁴, LLLG18, NFF⁺¹⁷, WNGS⁺¹⁷, RWTB17, SRM⁺¹⁸, SNK⁺¹⁹. **virus-3** [SEM18]. **virus-like** [SWD⁺¹⁴]. **viruses** [BSC⁺¹⁴, CRAG⁺¹², DPADO16, KKT^{+18b}, NSC⁺¹⁵, PPE⁺¹⁸]. **Visceral** [ZZA⁺¹⁴, ZWG⁺¹⁷]. **viscosa** [BGG11, ESBE18]. **visual** [WSX⁺¹⁸]. **visualization** [DXX⁺¹⁵, FMM⁺¹⁹, KTK17]. **vitellogenic** [CZB⁺¹¹]. **vitreus** [GRP⁺¹⁵, VBL⁺¹⁶, VKK⁺¹⁹]. **vitro** [AMRHM18, ASS19, DSSB19, NMV⁺¹⁹, OMB⁺¹⁹, SSG⁺¹⁹, SOGR⁺¹⁹, TFG19, TKS⁺¹⁸, VDO^{+18a}, VMBGIC19, YLX^{+19b}, AS17, APG⁺¹¹, CRBLC⁺¹⁷, CHAB10, DSSB18, KSAB⁺¹⁴, MLWC11, MBT⁺¹⁷, Mor12, NSE⁺¹⁷, PZL⁺¹⁴, RBAT⁺¹⁷, SHS14, STES14, SBW11, TDH⁺¹⁰, VMCM14, XZZ16]. **vivipara** [BCM⁺¹⁷]. **viviparous** [AHB⁺¹⁷]. **vivo** [AMRHM18, DLLB⁺¹⁸, DSSB19, GBO⁺¹⁸, LLLG18, LXZ⁺¹⁹, SOGR⁺¹⁹, YLX^{+19b}, BKD17, BLFRCQ10, DSSB18, KAEMEM13, LVADB17, MLEM16, PDLW17, PZL⁺¹⁴, RBAT⁺¹⁷]. **VNTR** [HZP⁺¹²]. **VNTRs** [DZV10]. **vollucellus** [LRB⁺¹⁷]. **vortens** [MLWC11]. **VP2** [CGW⁺¹⁹]. **VP26** [SRD⁺¹⁶]. **VP28** [MTK⁺¹⁰, SRD⁺¹⁶, TMM⁺¹⁵]. **VP38** [ZWG⁺¹⁸]. **VP51B** [LC17]. **VREFT** [GGW⁺¹¹]. **vs** [ZCCN13]. **vs** [VPS⁺¹⁴]. **vulnificus** [FLVA10, QZZ^{+18b}, YGL⁺¹⁸]. **vulvolacinata** [SDZN19].

W [JCN⁺¹⁴]. **Wadden** [GVLE16]. **wageneri** [GAC10]. **wageneri-group** [GAC10]. **Waite** [KRD⁺¹⁷, LLH^{+14b}]. **Walbaum** [ASA10, ASHZ⁺¹², AOAH13, AHHR⁺¹⁰, AJLC⁺¹⁶, ABT⁺¹⁴, AHTCA⁺¹⁷, AA10, AMA11, BSW17, BCLM⁺¹⁹, BHA⁺¹¹, BA14, BPPKJ10, BLP10, BLFC12, CSS⁺¹⁶, CHAB10, CMH⁺¹⁷, CPB⁺¹⁵, CMR⁺¹⁶, CLS⁺¹⁵, DS10, DPTFC10, DPTCF10, DMP10, DJR⁺¹⁹, DdRTM13, DdRCP13, DT16, GMC^{+16a}, GCNB16, GTH11, GPFGAG19, GDW⁺¹⁵, GMC^{+16b}, HKBD15a, HKBD15b, JKL⁺¹³, JDH⁺¹⁸, JML19, vGJHS⁺¹¹, KSM⁺¹⁷, KPT⁺¹¹, KBE⁺¹⁴, LPA⁺¹⁰, LLS⁺¹¹, LST⁺¹², LF16, LF18, LWMT10, MNF⁺¹⁵, NOV⁺¹¹, NDA10, OP14, OBFR12, OBD⁺¹¹, OLT⁺¹⁰, PSBG⁺¹¹, PLCC11, PMPG⁺¹⁶, RSB13, RCGGM15, RHB⁺¹⁵, SMJ⁺¹², STF⁺¹⁵, SHJ⁺¹², SBM⁺¹¹, SCR⁺¹⁵, SKJ13, XKB12, YDO⁺¹⁶]. **Wales** [TDJ⁺¹⁰, TWJP10]. **Walker** [LRB⁺¹⁷]. **walking** [BNC⁺¹¹]. **wall** [BB11, WBF⁺¹⁰]. **Walleye** [GRP⁺¹⁵, VBL⁺¹⁵, VBL⁺¹⁶, VKK⁺¹⁹, WMF14]. **Wanted** [CBM⁺¹⁸]. **Ward** [RGMGG⁺¹⁸]. **warmer** [GMN12]. **was** [GMC^{+16a}]. **Washington** [PPE⁺¹⁸]. **waste** [DAB⁺¹², PJL⁺¹²]. **Water** [SFR⁺¹⁷, BMK17, CHV⁺¹², CD17, CB13, GDW⁺¹⁵, GHB⁺¹¹, HH13a, HMW11, JJV⁺¹⁵, KSS17, KPM⁺¹¹, MSR⁺¹⁰, MUM⁺¹⁹, MoSMS18,

MTLP^{+18b}, MSK⁺¹², NOV⁺¹¹, OM10, PST⁺¹⁶, RHTC19b, Sam10, SVY⁺¹⁴, VCN⁺¹⁰, WNGS⁺¹⁷, YkSKY13]. **waterborne** [HKBD15b]. **waters** [BCL⁺¹⁹, CNN⁺¹⁰, EA18, JZK⁺¹⁴, LRAP17, MMBS10, RBS⁺¹⁶, RSF⁺¹⁷, RGMGG⁺¹⁸, RBR19, SBH⁺¹⁶, SN14]. **watershed** [PHR14]. **WE-skin11f** [VKK⁺¹⁹]. **weakfish** [CCM⁺¹¹]. **Webb** [RAM⁺¹⁷]. **websteri** [CBM⁺¹⁸]. **wedge** [LPVGL⁺¹⁰]. **weedy** [LYD⁺¹⁵]. **weight** [FMH⁺¹⁵, TJB⁺¹⁵]. **weirs** [LST⁺¹²]. **Weissella** [CLS⁺¹⁵, GMC^{+16b}, MHNY18]. **weissellosis** [MHNY18]. **well** [KKK⁺¹⁸, PSZ⁺¹⁴]. **well-being** [PSZ⁺¹⁴]. **West** [HHM⁺¹⁴, SBH⁺¹⁶, PRWG17]. **western** [BHT⁺¹⁷, BA13, EEMCEGSP16, PMP⁺¹⁸, RPGCIG17, SDJH16, FSV⁺¹⁸, FSB^{+18c}, RSR⁺¹⁸]. **whaler** [RBF14]. **which** [CXW⁺¹⁹, QZZ^{+18b}]. **while** [JOF⁺¹⁹]. **White** [CNN⁺¹⁰, CLW⁺¹³, DCV⁺¹⁴, BTN⁺¹⁸, BWB⁺¹⁷, BMT⁺¹⁵, DLCC⁺¹³, DZV10, DCMM13, DBM⁺¹⁴, ESA⁺¹⁰, EEMCEGSP16, FSO⁺¹⁰, HVVV15, HZP⁺¹², HKF⁺¹⁶, JQK14, JGI⁺¹⁰, JJS⁺¹², LQY11, MTK⁺¹⁰, MGN⁺¹⁶, NRMS14, NSC⁺¹⁸, PSK⁺¹³, RNM⁺¹², RPGCIG17, RDN⁺¹², RBF14, SMS⁺¹⁰, STS⁺¹⁵, SPTDEE⁺¹⁵, SSV⁺¹⁰, SP15, SVM⁺¹⁸, SRD⁺¹⁶, TMM⁺¹⁵, TSK⁺¹⁹, TTL⁺¹⁶, TDT⁺¹⁶, XKB12, YHY⁺¹⁶, DCZ⁺¹⁷].

whiteleg

[CMEV17a, CMS⁺¹⁷, CMEV17b, KS19, SSV⁺¹⁷, STG⁺¹⁰, TMM⁺¹⁵].

whitemouth [MPM16]. **whiting** [RGMGG⁺¹⁸]. **Whole**

[RPMRLJ⁺¹⁹, RKK⁺¹⁹, BHF13, KTK17]. **Whole-genome** [RKK⁺¹⁹].

wickerhamii [JDRM17]. **wide** [KF10a, LHW^{+15a}]. **widespread** [PPE⁺¹⁸].

wild

[ARR⁺¹⁸, AAUHW15, AGFG19, ADR11, BSC⁺¹⁴, BFFA⁺¹², BGCKF12, CNN⁺¹⁰, EMA17, EA18, FBS13, FBAS16, GFO⁺¹³, GGGM18b, GMG⁺¹⁹, GFB⁺¹³, HBVB16, HGPD11, HFKF17, JKO⁺¹³, JHM⁺¹⁸, JHRW17, JNN⁺¹¹, KCD⁺¹⁴, KMGK⁺¹⁸, LHW^{+15a}, LDEH17, LFL19, MMWK19, MMB⁺¹⁵, MMBS10, MVWS13, MCW⁺¹⁸, PTM⁺¹⁹, RDN⁺¹², RBS⁺¹⁶, RSF⁺¹⁷, RMSH09, RBWR⁺¹⁵, RSM⁺¹⁸, SBM⁺¹¹, SDZN19, SWE⁺¹⁹, SN14, TJA⁺¹³, VPS⁺¹⁴, VCS⁺¹⁹, WDM⁺¹⁵, WMM17, ZLX⁺¹⁹, dSRSHGá⁺¹⁹].

wild-caught [HFKF17, RBWR⁺¹⁵, RSM⁺¹⁸]. **wild-hatched** [SBM⁺¹¹].

wingei [ADR11]. **Winter** [MP18, KHG⁺¹⁷]. **within**

[BMBS12, DZV10, LLC⁺¹¹, YEK⁺¹⁷]. **Wootten** [Rob14a]. **world**

[GVLE16]. **worldwide** [DBV⁺¹³, MNG⁺¹⁸]. **worm** [BGRB14]. **wound**

[ASSP⁺¹⁵, SSG⁺¹⁹]. **wrasse**

[BVK⁺¹⁶, BT14, MMW⁺¹⁵, RSP⁺¹⁷, RSM⁺¹⁸, SRM⁺¹⁸, Tre12, WDM⁺¹⁵].

WSSV [DCZ⁺¹⁷, DCMM13, HVVV15, JPG⁺¹⁹, LC17, PSK⁺¹³, RDN⁺¹², SSV⁺¹⁰, WLX⁺¹⁰, WXWD15, YHY⁺¹⁶]. **wulii** [ZYW⁺¹⁰].

X [EKT⁺¹¹, MFES18]. **X**. [LTC⁺¹⁴]. **Xanthine**

[BSD^{+18d}, BSD^{+18c}, BSD^{+18a}]. **xenobiotica** [CBH⁺¹⁵]. **xenomias**

[LRAP17]. **XI** [BNS13].

YaeT [KREM14]. **yasunagai** [SS17]. **year** [KZJ⁺¹⁷, SBW⁺¹⁸, WGL17].

yearling [LXL⁺18, SFR⁺17]. **years** [BMMC⁺15]. **yeast** [SCK13, WBF⁺10]. **yellow** [CWW⁺18, GM11, HZJ⁺19, KHLL16, LYD⁺15, LRD⁺19, NNCLGC⁺11, OEG⁺13, PHvdH12, SGQ⁺15, STG⁺10, XQS⁺15, ZZA⁺14, ZWG⁺17]. **yellowfin** [Dig13, Dig15, Pol15]. **Yellowstone** [MKKM15]. **yellowtail** [KHS11, MFS⁺17, NWMK16, RBAT⁺17, STIG17, YYF⁺10]. **Yersinia** [ASA10, AHTCA⁺17, CMH⁺17, DS10, DSSB18, DSSB19, GTGCM19, GCNB18, GTH11, JKL⁺13, KSM⁺17, KJW⁺12, NCNB18, SON⁺18, TALA11, TDH⁺10, WNCR12]. **Yersiniosis** [GGGM14]. **YHV** [CWW⁺18, LRD⁺19]. **YHV-3** [CWW⁺18]. **YHV-8** [LRD⁺19]. **Yin** [GAC10, MWS17]. **yl** [SRD⁺16]. **York** [GFB⁺19]. **young** [SBW⁺18].

Zambia [HHC⁺18]. **Zealand** [BMH⁺19, DWP⁺19, GBO⁺18, RPJ⁺18]. **zebra** [Bin14]. **Zebrafish** [CKvGJB17, SSG⁺19, AMRHM18, BLdA⁺18, BWS⁺18, CDW17, CBW19, CXK16, CSSWK10, KWGS19, KDP⁺17, LRC⁺18, LHW⁺12, LHW⁺15b, MLR⁺12, MWRSK17, MGF17, RAM⁺19, SZM⁺15, SSK17, ZJR⁺18, EDP⁺17]. **Zeuxapta** [STIG17]. **Zeylanicobdella** [KCL14]. **Zhejiang** [LQY11]. **Zinc** [DGS⁺14]. **ZnuABC** [DS10]. **Zoarcis** [AHB⁺17]. **zonetail** [BCJ13]. **zonura** [BCJ13]. **Zoogoneticus** [RAM⁺17]. **zoonotic** [FŠK⁺19]. **Zschokkella** [YMBE13].

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