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Title word cross-reference

v^c [BGZW22]. α [KQW+21]. β [LLC+21, RGS+21]. Δ [DOW+22]. γ [YGC+20]. λ/κ [CSGB+21, CSVG+22]. \times [FFB+21, LPGA+21, SLA+20, VGW+21].

-carrageenin [CSGB+21, CSVG+22]. **-defensin** [LLC+21]. **-glucan** [RGS+21]. **-like** [BGZW22]. **-positive** [DOW+22].

. [SGR+20a, WSW+20].

1} [FdSB+22, ASF+21, EBBIAH21, FVC+21, YLC+21]. **12-b** [BME+20]. **124** [YCC+21]. **12°** [LWR+20].

22° [BLJ+21].

3 [PEś+20]. **36** [KSM+21]. **3D** [FSS+21].

5 [LHLS20]. **57** [AHSB⁺22]. **57-kDa** [AHSB⁺22].

7MAnt [VBG⁺22].

A. [LH20]. **ability** [DHSM⁺20, KKBL21, LHTW21]. **abnormalities** [EGRD22, FEM⁺20]. **abscessation** [RZTV21]. **abundance** [BKM21, FMK⁺21, YK21]. **acanthocephalan** [CRWC22, SMP⁺22]. **Acanthopagrus** [LjY⁺22]. **acid** [GWL⁺21, LXZ⁺21, TPSJS20a, YDM⁺21]. **acidophilic** [CSVG⁺22]. **Acipenser** [GMK⁺21, PSH⁺20]. **acquisition** [LFA20]. **action** [LHTW21]. **activity** [IFI⁺21, LYX⁺20, MSB⁺21, SMD⁺20, SZH⁺22, SCX⁺21, Wel20, ZYZ⁺20]. **acute** [WML⁺21, WCT⁺20, YDM⁺21]. **acyl** [LRGAH21]. **acyl-homoserine** [LRGAH21]. **adaptation** [LDO⁺21]. **adhesion** [ZJF⁺22, ZTY⁺22]. **Administration** [LFL⁺21, DXD⁺21]. **adomavirus** [YCL⁺21]. **adult** [BKM21, IAH21, MPA⁺21, MFP21]. **advantages** [TPSJS20b]. **Aeromonas** [BLJ⁺21, BMO⁺20, DCB20, DLS⁺21, GPC22, KQW⁺21, KB21, KKL⁺22, LFL⁺21, LH20, MQK⁺20, PDM⁺21, PGH⁺21, QWL⁺21, SMD⁺20, SMMM20, VDD⁺20, WLH⁺20, WWW⁺21, YCS⁺21, ZJF⁺22, IZWC⁺20, ZHY⁺21]. **Aetobatus** [DYN⁺20]. **affect** [LEV⁺20]. **affected** [SLPF⁺20, WAF⁺21]. **affecting** [THH⁺21]. **affects** [WLTZ21]. **affinis** [JVM⁺20]. **Africa** [SLPF⁺20]. **African** [MDAO22]. **after** [ASF⁺21, FYH⁺21]. **against** [ASA⁺20, AAZR⁺20, BIK⁺21, BMK⁺20, DXD⁺21, DZJ⁺21, GZL⁺21, HLpSC22, HWG⁺21, JØM⁺20, JKM⁺20, KQW⁺21, LH20, LYX⁺20, LXW⁺20, MPS⁺22, MKT⁺21, NRKK21, PNØ⁺21, QST⁺21, REB⁺20, RTA21, SOE⁺21, SZH⁺22, SLA⁺20, SCX⁺21, XFL⁺21, YZM⁺21, YLW⁺21, ZZL⁺21, ZMZ⁺22, dCJBG22]. **agalactiae** [PHS⁺20, PTK⁺21, PSKW22, SWC21, XFL⁺21]. **AGD** [EBA⁺21, FSFS⁺20]. **age** [LWK20, MFP21]. **agent** [CMM⁺20, JDA⁺20, ZMZ⁺22]. **agents** [AAZR⁺20]. **Agreement** [BLJ⁺21]. **AHPND** [BGZW22]. **AHPND-causing** [BGZW22]. **alba** [SMP⁺22]. **albiflora** [XJM⁺21]. **albus** [LFZ⁺22]. **ALDH7A1** [LFL⁺21]. **alevin** [ELB21]. **algae** [ZAG⁺20]. **algal** [GKU21]. **Algerian** [BPA⁺20]. **alginolyticus** [BCT⁺20b, FYH⁺21, LXZ⁺21, ZTY⁺22]. **Allium** [øTTTS20]. **alloherpesvirus** [VGW⁺21]. **almost** [BGZW22]. **along** [GLS⁺21]. **alpha** [FLH⁺21]. **alphavirus** [ABM⁺21]. **alter** [dCJBG22]. **Alterations** [SMMM20]. **altivelis** [THH⁺21]. **Amantadine** [ZMZ⁺22]. **Amazon** [dCJBG22]. **amberjack** [PZP⁺20]. **Ameiurus** [BSS⁺20]. **America** [EGRD22]. **American** [EGRD22, OHL⁺20, YCL⁺21]. **amoeba** [LHTW21]. **amoebae** [JKM⁺20]. **amoebic** [BHS⁺21, CMM⁺20, EBA⁺21, FSFS⁺20, WSS⁺20]. **among** [PSH⁺21]. **Amplicon** [FMK⁺21]. **amplification** [CMM⁺20, FCH⁺22a, KDS⁺21, PTK⁺21, PSV⁺21, QWL⁺21, WML⁺21, YDM⁺21, ZHY⁺21, ZLS⁺21]. **amplification-based** [ZLS⁺21]. **Amyloodinium** [ZHL⁺21]. **anaemia** [AMJ⁺21, CGA⁺20, DGB⁺22]. **anaesthetics** [RCC⁺21]. **analyses**

[CRP⁺²¹, LHLS20]. **Analysing** [PNAS22]. **Analysis** [FVC⁺²¹, IZWC⁺²⁰, AHSB⁺²², CLH⁺²¹, xCqXfL⁺²¹, FYH⁺²¹, FLH⁺²¹, GKTC⁺²¹, HWG⁺²¹, LYF⁺²¹, NLL⁺²¹, PØN^{+21a}, QST⁺²¹, SSM⁺²⁰, TIK⁺²², WWK⁺²⁰, YCS⁺²¹, ZGL⁺²⁰, ZHpT⁺²⁰, ZLZ21].

Ancyrocephalidae [IAO20]. **angasi** [BWH⁺²⁰, BHT⁺²⁰]. **AngHV** [PEN⁺²¹]. **AngHV-1** [PEN⁺²¹]. **Anguilla** [BKM21, PEN⁺²¹, YCL⁺²¹, ZWZ⁺²⁰]. **anguillae** [PEN⁺²¹]. **anguillarum** [HSH⁺²⁰, KKL⁺²², WMS21]. **anguillicaudatus** [ZYZ⁺²⁰]. **Anguillicola** [BKM21]. **angustifolia** [SCX⁺²¹]. **animal** [AHBE⁺²⁰]. **Anisakis** [MFP21]. **annual** [CTOH20]. **anomalies** [EGRD22]. **Antarctic** [QGG⁺²¹, SDMO⁺²⁰, VBG⁺²²]. **anthelmintic** [MSF⁺²⁰]. **Antibacterial** [KKL⁺²², ZYZ⁺²⁰]. **antibiotic** [DXL^{+20b}, MWH⁺²¹]. **Antibiotics** [DCB20, RCC⁺²¹]. **antibody** [GZZ⁺²², LWH⁺²¹, MPS⁺²², WWK⁺²⁰]. **antifungal** [MLL⁺²²]. **antigen** [DXL^{+20a}]. **antigen-presentation** [DXL^{+20a}]. **Antimicrobial** [VLSM⁺²⁰, ASA⁺²⁰, GIS⁺²¹, PLS⁺²², XFL⁺²¹, XJM⁺²¹, DBDSP20]. **antioxidant** [CSGB⁺²¹]. **antiparasitic** [JKM⁺²⁰]. **Antiviral** [LYX⁺²⁰, SZH⁺²², SCX⁺²¹]. **aodp** [ZJF⁺²²]. **aortic** [BME⁺²⁰]. **Aphanomyces** [WBM21]. **apoptosis** [HCW⁺²⁰, HWC⁺²¹, KQW⁺²¹].

Application [PTK⁺²¹, ASG⁺²², CQG⁺²¹, GZZ⁺²², LTW⁺²¹, LjY⁺²², SNY⁺²¹, YTS22]. **applications** [SAAB⁺²¹]. **approaches** [OKL⁺²²]. **Aptamer** [LXW⁺²⁰]. **Aptamer-based** [LXW⁺²⁰]. **aptamers** [YLW⁺²¹]. **aquaculture** [AHCSCI20, BTN⁺²¹, CZMP21, DWK⁺²², DBDSP20, LPGA⁺²¹, MHP⁺²⁰, MPP^{+20b}, SAAB⁺²¹, SMD⁺²⁰, TPSJS20a, TPSJS20b, ZOZ⁺²⁰]. **aquaria** [NLH⁺²⁰]. **aquarium** [ACGDO⁺²¹, JLM⁺²⁰, LFSB⁺²¹, SBVC21]. **aquarium-housed** [ACGDO⁺²¹]. **aquatic** [RCC⁺²¹, ZLS⁺²¹]. **aquatilis** [LHLS20]. **Aquimarina** [MSS⁺²⁰]. **arapaima** [dCJBG22, dCJBG22]. **argenteus** [ZHL⁺²¹]. **Argulidae** [POS⁺²⁰]. **Argulus** [POS⁺²⁰]. **art** [BONB20]. **Artemia** [PKF⁺²¹]. **arteritis** [BME⁺²⁰]. **arugamensis** [MHP⁺²⁰]. **Ascanius** [PDM⁺²¹, PGH⁺²¹]. **Asia** [ZGL⁺²⁰]. **Asian** [CSDS21, PTW21, PPWC20, SSMC22]. **assay** [CMM⁺²⁰, CQG⁺²¹, KDS⁺²¹, LWH⁺²¹, QWL⁺²¹, SKR⁺²⁰, TCS21, YLW⁺²¹]. **assays** [PDM⁺²¹, YTS22]. **assemblages** [TBB⁺²¹]. **assess** [KH20]. **Assessing** [LAH21]. **Assessment** [BMJ⁺²¹, CMN⁺²⁰, ASA⁺²⁰, LPGA⁺²¹, NLPM⁺²¹]. **associated** [BZP⁺²², BMJ⁺²¹, BMSC21, DYN⁺²⁰, FMK⁺²¹, GKU21, JØM⁺²⁰, JLM⁺²⁰, KaVDH⁺²¹, MWZ⁺²⁰, NKS⁺²¹, PEN⁺²¹, PTW21, PSH⁺²⁰, SKR⁺²⁰, SNT⁺²², SLE⁺²⁰, SRP⁺²¹, WXM⁺²²]. **AT-rich** [YLC⁺²¹].

Atlantic [ABM⁺²¹, BHS⁺²¹, BMJ⁺²¹, BONB20, CWB^{+20b}, CVDO⁺²⁰, CVDB⁺²¹, CdPM⁺²¹, DHSM⁺²⁰, DMH⁺²¹, EBA⁺²¹, FSFS⁺²⁰, FCH^{+22b}, FMP⁺²¹, JQT20, JLM⁺²⁰, LGP⁺²⁰, LNK⁺²¹, LFL⁺²¹, LdL20, MBJ20, MLM⁺²⁰, MBS21, MFP21, PSH⁺²¹, PBF⁺²¹, PDP⁺²¹, RTA21, SCIAH21, SRT⁺²¹, SRE⁺²¹, SKR⁺²⁰, SNT⁺²², SBVC21, TBK⁺²⁰, WJPS21, WBV⁺²⁰, WAF⁺²¹, WSS⁺²⁰]. **atlantica** [KKL⁺²²]. **Atresia** [CZMP21].

attachment [BONB20]. **attenuated** [ABM⁺²¹, BMK⁺²⁰, BMSC21, LTW⁺²¹]. **attenuation** [ZJF⁺²²]. **atypical** [DCB20, KKL⁺²², PDM⁺²¹, PGH⁺²¹]. **AuNP** [KDS⁺²¹]. **aurata** [CSGB⁺²¹, CSVG⁺²², CFGCCE21, FEM⁺²⁰, FK21, HZFT21]. **auratus** [MHA⁺²⁰, WZG⁺²⁰, YCC⁺²¹, LYF⁺²¹, MLGRF⁺²⁰, WWW⁺²¹]. **aureus** [WWW⁺²¹]. **aurorubens** [HB20]. **Austrian** [LFSB⁺²¹]. **Autophagy** [LPL22, JPC⁺²¹, LPW⁺²⁰]. **Availability** [MHA⁺²⁰]. **ayu** [THH⁺²¹].

b [BME⁺²⁰, NLL⁺²¹, WCT⁺²⁰]. **bacillary** [PØN^{+21a}, PØN^{+21b}]. **Bacillus** [CRP⁺²¹]. **bacteria** [DWY⁺²⁰, SMMM20]. **bacterial** [FFB⁺²¹, GWL⁺²¹, KKBL21, NRKK21, NLL⁺²¹, PRC20, PLS⁺²², SCIAH21, ZWZ⁺²⁰, ZZL⁺²¹, ZLS⁺²¹]. **bacteriological** [LGP⁺²⁰]. **bacteriophage** [Wel20]. **Balancing** [PKF⁺²¹]. **ballan** [PDM⁺²¹, PGH⁺²¹]. **Baltic** [WAF⁺²¹]. **Bangladesh** [DDDJ⁺²⁰, DDHT⁺²²]. **barbs** [CCP⁺²¹]. **barramundi** [GKTC⁺²¹, KSD⁺²⁰]. **based** [LRGAH21, LXW⁺²⁰, NKZ⁺²⁰, OKL⁺²², SSMC22, TIK⁺²², YTS22, ZZL⁺²¹, ZLS⁺²¹, GZL⁺²¹, ZLZ21]. **Basin** [SCV⁺²⁰]. **bass** [BBG21, CYX⁺²², CSDS21, FFB⁺²¹, LDM⁺²⁰, PPWC20, SSMC22, WBM21, YK21, ZVB⁺²¹]. **bath** [AHBE⁺²⁰, PGH⁺²¹]. **Bathygobius** [MRM21]. **batomorph** [EGRD22]. **Bay** [PSH⁺²¹, VPW⁺²¹]. **Bayesian** [LGP⁺²⁰]. **be** [HLpSC22]. **bean** [RGS⁺²¹]. **belly** [GKTC⁺²¹]. **benign** [SBB21]. **bergylta** [PDM⁺²¹, PGH⁺²¹]. **betanodavirus** [JVM⁺²⁰]. **Betta** [SBB21]. **between** [BLJ⁺²¹, PNØ⁺²¹, PØN^{+21b}, PKF⁺²¹, SCIAH21, SPM⁺²⁰, WSS⁺²⁰]. **bicuspidata** [MLL⁺²²]. **big** [GKTC⁺²¹]. **bind** [LHTW21]. **binding** [MLGRF⁺²⁰, TASP⁺²⁰]. **biochemical** [WSS⁺²⁰]. **biofilm** [DCB20, FFB⁺²¹, LFA20, LXZ⁺²¹]. **biofilms** [PLS⁺²²]. **Biology** [PVCG20]. **biomarker** [WAF⁺²¹]. **birnavirus** [LYC⁺²⁰]. **bivalent** [LTW⁺²¹]. **bivalve** [MCA⁺²⁰]. **Bivalvulida** [KRS⁺²⁰]. **black** [FMK⁺²¹, WSW⁺²⁰, HSG⁺²¹]. **Bleeker** [SAKC20]. **Bloch** [GKU21, GKTC⁺²¹, KSD⁺²⁰, PTW21]. **blochii** [ASG⁺²²]. **blood** [MMTD⁺²¹]. **blooded** [SFKB⁺²⁰]. **blue** [LPGA⁺²¹, SLA⁺²⁰, VGW⁺²¹, ZHY⁺²¹, ZAG⁺²⁰]. **bluefn** [WBV⁺²⁰]. **body** [FK21, PØN^{+21b}]. **Bohemian** [SMD⁺²⁰]. **Bonamia** [BWH⁺²⁰, BHT⁺²⁰]. **Book** [RM20]. **Bosnia** [GVB⁺²¹]. **Bostrychus** [DWY⁺²⁰]. **botryosa** [GMK⁺²¹]. **Boxshall** [GLS⁺²¹]. **brackish** [TPSJS20b]. **brain** [DHSK⁺²¹, JPC⁺²¹, MVW⁺²⁰]. **branchial** [BME⁺²⁰]. **brasiliensis** [LXW⁺²¹]. **Bravo** [GLS⁺²¹]. **bream** [LjY⁺²², REB⁺²⁰]. **breeding** [PNØ⁺²¹]. **brevirostris** [RZTV21]. **British** [JDA⁺²⁰, MBJ20]. **broodfish** [WZG⁺²⁰]. **broodstock** [LdL20, NCA⁺²⁰, SEL⁺²⁰]. **brook** [BMJ⁺²¹, SCV⁺²⁰, SEL⁺²⁰]. **brown** [ASF⁺²¹, BSS⁺²⁰, CDY⁺²⁰, FSW⁺²¹, LNK⁺²¹, LFSB⁺²¹, SPKS⁺²⁰, WBB⁺²¹]. **brown-marbled** [CDY⁺²⁰]. **Brunswick** [PSH⁺²¹]. **bryosalmonae** [OSM22, SSM⁺²¹, WBB⁺²¹]. **bullhead** [BSS⁺²⁰, FSW⁺²¹]. **bumper** [SBVC21]. **burbot** [BMO⁺²⁰]. **Burchell** [MDAO22]. **burden** [LNK⁺²¹]. **buttnerae** [SMP⁺²²].

C [BLJ⁺²¹, LWR⁺²⁰, LYF⁺²¹, MWY⁺²⁰, WWW⁺²¹, ZYZ⁺²⁰].
C-terminal [WWW⁺²¹]. **C-type** [ZYZ⁺²⁰]. **C**. [YCC⁺²¹]. **C6** [KSM⁺²¹].
C6/ [KSM⁺²¹]. **CadC** [GWL⁺²¹]. **cadherin** [REB⁺²⁰]. **cage**
 [NKZ⁺²⁰, PNAS22, SNT⁺²², WJPS21]. **cage-farmed** [SNT⁺²²]. **cage-level**
 [WJPS21]. **caged** [YK21]. **cages** [BONB20]. **calcarifer**
 [CSDS21, GKTC⁺²¹, KSD⁺²⁰, PTW21, PPWC20, SSMC22]. **California**
 [GMK⁺²¹]. **californiensis** [LHH⁺²², NKS⁺²¹]. **Caligus**
 [GLS⁺²¹, JMA⁺²², MCA⁺²⁰]. **Canada**
 [JDA⁺²⁰, JLM⁺²⁰, MBJ20, VPW⁺²¹]. **captive** [DVR⁺²⁰, RZTV21].
capture [MCA⁺²⁰]. **Carangidae** [SBVC21]. **Carassius**
 [MLGRF⁺²⁰, WZG⁺²⁰, WWW⁺²¹]. **carbohydrate** [WWW⁺²¹].
carcinoma [SAKC20]. **card** [PTK⁺²¹]. **cardiac** [NKö⁺²¹].
cardiomyopathy [CdPM⁺²¹, FMP⁺²¹]. **care** [CMM⁺²⁰]. **carnivorous**
 [SVC⁺²¹]. **Carnobacterium** [RKL⁺²⁰]. **Carp**
 [MPPF21, MPA⁺²¹, MPP^{+20b}, BPA⁺²¹, DZJ⁺²¹, GZL⁺²¹, LHLS20,
 LLJ⁺²¹, MPP20a, MHA⁺²⁰, PEś⁺²⁰, SGR^{+20a}, STB⁺²¹, SMMM20,
 YGC⁺²⁰, YLW⁺²¹, ZZL⁺²¹, ZOZ⁺²⁰]. **Carpathian** [SCV⁺²⁰]. **carpio**
 [STB⁺²¹, MPPF21, MPP20a, MPA⁺²¹, SGR^{+20a}]. **carrageenin**
 [CSGB⁺²¹, CSVG⁺²²]. **Carrasius** [MHA⁺²⁰]. **carrier** [LTW⁺²¹, SM21].
Case [JSW⁺²¹, PNØ⁺²¹, SGU⁺²¹, DVR⁺²⁰, KRS⁺²⁰, PEś⁺²⁰]. **caspases**
 [DWY⁺²⁰]. **categorization** [BLJ⁺²¹]. **catfish**
 [DXD⁺²¹, FSW⁺²¹, LPGA⁺²¹, MDAO22, PNØ⁺²¹, PØN^{+21a}, PØN^{+21b},
 SOE⁺²¹, SLA⁺²⁰, VGW⁺²¹, YLC⁺²¹, PRC20]. **Cathelicidins** [SLA⁺²⁰].
Caudal [FEM⁺²⁰, LYF⁺²¹, YCC⁺²¹]. **caudata** [NK22]. **caught**
 [KRS⁺²⁰, VDC20]. **causative** [CMM⁺²⁰]. **cause**
 [KKBL21, SPKS⁺²⁰, WBM21, WCT⁺²⁰]. **caused**
 [CSVG⁺²², DWK⁺²², GKTC⁺²¹, HHJ⁺²¹, LWR⁺²⁰, MBS21, PAS⁺²¹,
 PØN^{+21a}, PØN^{+21b}, PSKW22, ZVB⁺²¹, dRRRPSR⁺²¹]. **causes** [BHT⁺²⁰].
causing [BGZW22, SPKS⁺²⁰]. **ccBAX** [YCC⁺²¹]. **CD4** [ASF⁺²¹]. **CD4-1**
 [ASF⁺²¹]. **CD40** [XFL⁺²¹]. **cell** [ASG⁺²², ASA⁺²⁰, BBS⁺²⁰, DWK⁺²²,
 DGB⁺²², FSS⁺²¹, FSW⁺²¹, GSJ⁺²⁰, HCW⁺²⁰, JVM⁺²⁰, KSM⁺²¹, LjY⁺²²,
 LPW⁺²⁰, LXZ⁺²¹, LFZ⁺²², PBF⁺²¹, YGC⁺²⁰, YCC⁺²¹]. **cell-wall**
 [HCW⁺²⁰]. **cells**
 [CSVG⁺²², EBBIAH21, FVC⁺²¹, FSW⁺²¹, HCW⁺²⁰, HWC⁺²¹, JPC⁺²¹,
 LYF⁺²¹, NRKK21, PHS⁺²⁰, SBD21, TASP⁺²⁰, VBG⁺²²]. **cellular**
 [WWK⁺²⁰]. **Center** [SSM⁺²⁰]. **central** [VLSM⁺²⁰]. **centres** [PZP⁺²⁰].
cepa [ötTTS20]. **cephalus** [RBP^{+20a}]. **cerebralis** [KRS⁺²⁰]. **cereus**
 [CRP⁺²¹]. **Cestoda** [KBMD21]. **cestode** [IFI⁺²¹]. **cestodes**
 [KSI⁺²⁰, KBMD21]. **cf** [KB21]. **CFP** [MHA⁺²⁰]. **CFP-10** [MHA⁺²⁰].
challenge [BMO⁺²⁰, EBA⁺²¹, HSM⁺²², IAH21, LWK20, LGJ21, MLL⁺²²,
 PGH⁺²¹, PNØ⁺²¹, PØN^{+21b}]. **challenged** [DLS⁺²¹, KKL⁺²²]. **change**
 [LNK⁺²¹, RSPB22]. **change-driven** [LNK⁺²¹]. **changes** [DXL^{+20b}].
channel [FSW⁺²¹, LPGA⁺²¹, SLA⁺²⁰, VGW⁺²¹, YLC⁺²¹]. **channel**
 [LPGA⁺²¹]. **char** [SGU⁺²¹]. **character** [ZHPT⁺²⁰]. **Characterization**

[BGZW22, CLS⁺22, FMP⁺21, LXW⁺21, LH20, MSS⁺20, NLL⁺21, WHC⁺21, Wel20, WWK⁺20, ASG⁺22, CYX⁺22, CVDO⁺20, CdPM⁺21, DWY⁺20, EBELIAH20, ESEI20, FLH⁺21, HAK⁺20, KQW⁺21, KaVDH⁺21, LCTC20, LFZ⁺21, LjY⁺22, LHLS20, LLR⁺20, MLL⁺22, MPMB⁺20, NLPM⁺21, NKZ⁺20, PCWC20, RBP⁺20b, STB⁺21, VIB⁺21, WSW⁺20, WLH⁺20, YLW⁺21]. **Cheat** [WBM21]. **Chelon** [HZFT21]. **chelonae** [JW22]. **Chile** [DMH⁺21, GLS⁺21, LGP⁺20, VIB⁺21]. **Chilean** [AHCSCI20, AHTCDI20, GIS⁺21, IMAH21, SCIAH21]. **chilensis** [IAH21, MCA⁺20, SCIAH21]. **chimeric** [MPS⁺22]. **China** [DXL⁺20b, LWR⁺20, LLR⁺20, WSW⁺20, WLH⁺20, WXM⁺22]. **Chinese** [CRP⁺21, LFZ⁺22]. **Chinook** [JSW⁺21, NKS⁺21, NLPM⁺21, PPT⁺20]. **chip** [ZLS⁺21]. **chitosan** [ASA⁺20]. **chloroquine** [LL21]. **Chloroscombrus** [SBVC21]. **Chloropyrifos** [YGC⁺20]. **chondrocranial** [RZTV21]. **Chromatophoroma** [SBB21]. **chronic** [SEL⁺20]. **Chryseobacterium** [BMK⁺20]. **chrysops** [FFB⁺21]. **chrysurus** [SBVC21]. **chuatsi** [HWG⁺21]. **Cichlidae** [IAO20]. **Cichlidogyrus** [IAO20]. **ciliate** [JØM⁺20]. **Ciliophora** [LLR⁺20]. **circulation** [DDDJ⁺20]. **cis** [YLC⁺21]. **cis**-element [YLC⁺21]. **citratius** [POS⁺20]. **CK108** [CLS⁺22]. **cladophorae** [ACGDO⁺21]. **clams** [LYC⁺20]. **Clarias** [MDAO22]. **clarkii** [HSG⁺21, SCX⁺21, ZWX⁺22, ZLZ21]. **class** [FLH⁺21]. **Climate** [LNK⁺21, RSPB22]. **clinical** [CRP⁺21, LCTC20]. **cloning** [FLH⁺21]. **Clonorchis** [ZGL⁺20]. **Clostridium** [BZP⁺22]. **Clupea** [HSH⁺20]. **CMS** [FMP⁺21]. **co** [ALDMLEM20, CWB⁺20b]. **co-infection** [CWB⁺20b]. **co-infections** [ALDMLEM20]. **coast** [BPA⁺20]. **coastal** [MFP21]. **Coccomyxa** [ZAG⁺20]. **Coccomyxa-like** [ZAG⁺20]. **cocosensis** [MRM21]. **cod** [WXM⁺22]. **cohabitation** [BHT⁺20]. **Coho** [KKBL21, PPT⁺20]. **coinfection** [KB21]. **coioides** [FYH⁺21, HWZ⁺21, LCYL20]. **cold** [SNT⁺22]. **coldwater** [KKBL21, SEL⁺20]. **colloidal** [HZFT21]. **colonization** [ZTY⁺22]. **Colorado** [LHH⁺22]. **colorimetric** [KDS⁺21, PTK⁺21, PSV⁺21]. **Columbia** [JDA⁺20, MBJ20]. **column** [TBK⁺20]. **columnare** [BMO⁺20, ELB21, FFB⁺21, LFA20]. **combats** [LXZ⁺21]. **Combined** [FCH⁺22b, FCH⁺22a, KDS⁺21, PSV⁺21]. **commercial** [PBF⁺21]. **common** [GZL⁺21, MPP20a, MRM21, MPA⁺21, PE⁺20, VDC20, VDD⁺20, YGC⁺20, ZZL⁺21, ZOZ⁺20]. **commonly** [JW22]. **communities** [KSI⁺20]. **community** [MWZ⁺20, TPSJS20a]. **Comparative** [QST⁺21, YCS⁺21, LGJ21, YZM⁺21]. **compared** [MSF⁺20]. **Comparison** [PPWC20, SCIAH21, SSM⁺21, TBKY20, BMSC21, FSFS⁺20, RKL⁺20]. **complex** [DXL⁺20a, FLH⁺21]. **compliance** [MMTD⁺21]. **component** [FEM⁺20]. **Composition** [KSI⁺20, BTN⁺21, MWZ⁺20, SGR⁺20b]. **compound** [HLpSC22]. **compounds** [JKM⁺20]. **concentration** [POS⁺20]. **concentrations** [BHS⁺21]. **condition** [MPP20a]. **conditions** [AHSB⁺22, HSH⁺20, PE⁺20, QGG⁺21, WBB⁺21]. **conger** [IAH21, SCIAH21]. **congolensis** [MDAO22]. **conjoined** [YWZ⁺21]. **Consequences** [PPT⁺20, ALDMLEM20]. **consistent** [KMH⁺21].

constituent [SCX⁺21]. **Construction** [ZWZ⁺20]. **contaminated** [FSW⁺21]. **contribute** [Din21, WWW⁺21]. **contribution** [HWZ⁺21]. **control** [MSF⁺20, SAAB⁺21, SZH⁺22]. **controller** [MCA⁺20]. **cooking** [CMN⁺20]. **Copaifera** [MSF⁺20]. **copepod** [LHH⁺22, NKS⁺21, TBB⁺21, YK21]. **copepodids** [PDP⁺21]. **cord** [BBS⁺20]. **corni** [ACGDO⁺21]. **corpuscles** [SAKC20]. **correlation** [GSS⁺21, PNØ⁺21]. **correlations** [PØN⁺21b]. **Cost** [DMH⁺21]. **Cost-effectiveness** [DMH⁺21]. **could** [HLpSC22]. **coupled** [GLS⁺21, PTK⁺21]. **Cover** [Ano21a, Ano21b, Ano21c, Ano22a, CWB⁺20a]. **covert** [WLTZ21]. **CPA** [PSV⁺21]. **crab** [Din21, LLR⁺20, MSS⁺20]. **crassus** [BKM21]. **crayfish** [BBD⁺22, DBPH21, SCX⁺21, SFKB⁺20, ZWX⁺22, ZLZ21]. **CRC** [RM20]. **CrERV** [LFZ⁺22]. **CRISPR** [SSMC22]. **CRISPR-based** [SSMC22]. **critical** [AHTCDI20, DBPH21]. **croaker** [LWR⁺20, LLC⁺21]. **Croatia** [BBD⁺22, ZOZ⁺20, ZVB⁺21]. **crocea** [LWR⁺20, LLC⁺21]. **Cross** [BMK⁺20, MBJ20, PSV⁺21, TBK⁺20]. **cross-priming** [PSV⁺21]. **Cross-protection** [BMK⁺20]. **Cross-sectional** [MBJ20]. **cross-stitch** [TBK⁺20]. **crowding** [PDP⁺21]. **crucian** [LHLS20, MHA⁺20]. **Crustacea** [POS⁺20]. **cryopreservation** [TKB⁺21]. **Cryptocaryon** [xCqXfL⁺21, DXL⁺20a, XJM⁺21]. **Cryptocotyle** [DMB⁺21]. **culture** [DGB⁺22, FSS⁺21, GSJ⁺20, LGP⁺20, MHA⁺20, SZH⁺22, SJK⁺21]. **cultured** [BMO⁺20, CRWC22, EBA⁺21, GMK⁺21, LWR⁺20, LH20, MWH⁺21, NK22, NKZ⁺20, PHS⁺20, PSH⁺20, SJK⁺21, SMP⁺20, SWC21, WSW⁺20, YCL⁺21]. **cultures** [NKö⁺21]. **Current** [MPPF21]. **curved** [TBK⁺20]. **Cuvier** [HB20]. **cycle** [CTOH20, JMA⁺22, MBJ20, NKö⁺21]. **cycloancistrum** [dCJBG22]. **Cyclopterus** [KKL⁺22, LdL20]. **CyHV** [PEś⁺20]. **CyHV-3** [PEś⁺20]. **Cymbopogon** [POS⁺20]. **Cynoglossus** [ZDZZ22]. **cyprinid** [BDK⁺21, GZZ⁺22, LYF⁺21, MLGRF⁺20, UCB⁺21, YCC⁺21]. **Cyprinidae** [SMMM20]. **Cypriniformes** [SMMM20]. **Cyprinus** [MPPF21, MPP20a, SGR⁺20a, STB⁺21, MPA⁺21]. **Cytochrome** [FSW⁺21]. **cytotoxic** [EBBIAH21, FVC⁺21, SMD⁺20]. **Cytotoxicity** [PHS⁺20, ASA⁺20, GWL⁺21]. **Czech** [MPP⁺20b].

dab [VDC20, VDD⁺20]. **daily** [PNAS22]. **damage** [LXZ⁺21, SMP⁺20]. **damselae** [PCWC20, ESEI20, WSW⁺20]. **Dana** [BBD⁺22, LHH⁺22]. **danfordi** [SCV⁺20]. **danger** [DBDSP20]. **Danio** [AHBE⁺20, FdSB⁺22, JW22, KSS⁺20, KMH⁺21, KH20, MSB⁺21, MVW⁺20, PKF⁺21, SSM⁺20, WLTZ21]. **Danish** [DvGJK⁺21]. **DAS-ELISA** [LWH⁺21]. **data** [DBPH21, SSM⁺20]. **Dawestrema** [dCJBG22]. **dctP** [ZTY⁺22]. **deep** [OSM22]. **defence** [VBG⁺22]. **defensin** [LLC⁺21]. **definitions** [JSW⁺21]. **deformities** [MRM21]. **deformity** [PSKW22, TBK⁺20]. **degenerative** [MPP20a]. **delivered** [NRKK21]. **delivery** [MMTD⁺21]. **delousing** [WJPS21]. **density**

[PSED⁺²⁰, SMP⁺²⁰, VSODB21]. **deoxynivalenol** [LL21]. **dependent** [YGC⁺²⁰]. **deployable** [SSMC22]. **derived** [JVM⁺²⁰, LjY⁺²², LHTW21, LFZ⁺²², RKL⁺²⁰]. **dermocystid** [SCV⁺²⁰]. **Dermocystidiaceae** [SGR^{+20a}]. **Dermocystidium** [SGR^{+20a}]. **Description** [DOW⁺²², DWK⁺²², ZVB⁺²¹]. **descriptions** [ACGDO⁺²¹]. **destructive** [CSDS21, LdL20]. **detachment** [CVDB⁺²¹]. **detect** [SKR⁺²⁰]. **detected** [AMJ⁺²¹, DDHT⁺²²]. **Detection** [CSDS21, NLH⁺²⁰, CQG⁺²¹, DMB⁺²¹, FCH^{+22a}, KDS⁺²¹, LWH⁺²¹, OKL⁺²², PEN⁺²¹, PSV⁺²¹, QWL⁺²¹, SNY⁺²¹, SSM⁺²¹, SM21, SSMC22, TCS21, WCT⁺²⁰, YTS22, YLW⁺²¹, ZHY⁺²¹, ZLS⁺²¹]. **determinants** [SCIAH21]. **Determination** [TIK⁺²², CTOH20]. **determine** [GIS⁺²¹]. **determines** [KKBL21]. **Development** [ASG⁺²², CQG⁺²¹, FSS⁺²¹, GSJ⁺²⁰, HZFT21, LWH⁺²¹, LGJ21, NK22, PDM⁺²¹, PSV⁺²¹, QWL⁺²¹, SNY⁺²¹, TASP⁺²⁰, TCS21, WCT⁺²⁰, YTS22, FFB⁺²¹, LFA20, LH20, MWZ⁺²⁰, PNØ⁺²¹, PKF⁺²¹, VDD⁺²⁰, YLW⁺²¹, IZWC⁺²⁰]. **deviations** [FK21]. **Devriesia** [PAS⁺²¹]. **diagnosed** [KRS⁺²⁰]. **diagnosis** [FSFS⁺²⁰, HZFT21, MHA⁺²⁰, PTK⁺²¹, WML⁺²¹, YDM⁺²¹]. **diagnostic** [LGP⁺²⁰, PDM⁺²¹, SSM⁺²⁰, SSM⁺²¹]. **diagnostics** [CMM⁺²⁰, ZVB⁺²¹]. **dicentrarchi** [NLR21, IAH21, IMAH21, SCIAH21]. **Dicentrarchus** [BBS⁺²⁰, xCqXfL⁺²¹, LDM⁺²⁰, YK21, ZVB⁺²¹]. **Dicistro** [HSG⁺²¹]. **Dicistro-like** [HSG⁺²¹]. **did** [EBA⁺²¹]. **dietary** [FCH^{+22b}, RGS⁺²¹]. **Differences** [JW22, SM21, SPM⁺²⁰, YZM⁺²¹]. **different** [FSFS⁺²⁰, JLH⁺²¹, MWH⁺²¹, MHP⁺²⁰, PCWC20, SLPF⁺²⁰, WJPS21, YCS⁺²¹]. **Differential** [FFB⁺²¹, RCC⁺²¹, NK22]. **differentiation** [PDM⁺²¹]. **differently** [WWW⁺²¹]. **diffusion** [BLJ⁺²¹]. **digest** [LHTW21]. **Digestion** [DMB⁺²¹]. **digestive** [KSI⁺²⁰, KH20, SFKB⁺²⁰]. **Diphyllobothriidea** [KBMD21]. **diploproa** [PAS⁺²¹]. **dipstick** [PSV⁺²¹]. **dipsticks** [FCH^{+22a}]. **directions** [DBPH21]. **disc** [BLJ⁺²¹]. **Discocotyle** [LFSB⁺²¹]. **discoidalis** [POS⁺²⁰]. **discovered** [HSG⁺²¹]. **Disease** [ötTTS20, BIK⁺²¹, BHS⁺²¹, CMM⁺²⁰, CSDS21, DWK⁺²², EBA⁺²¹, FSFS⁺²⁰, GKTC⁺²¹, HSG⁺²¹, KSD⁺²⁰, KKBL21, KRS⁺²⁰, KB21, LNK⁺²¹, LWR⁺²⁰, LdL20, MPP^{+20b}, NKö⁺²¹, PSV⁺²¹, RSPB22, RTA21, SAAB⁺²¹, SZH⁺²², SSMC22, SPM⁺²⁰, WSW⁺²⁰, WML⁺²¹, WCT⁺²⁰, WSS⁺²⁰, YDM⁺²¹, YCL⁺²¹, ZDZZ22, ZVB⁺²¹, NRKK21, WAF⁺²¹]. **diseased** [BCT^{+20b}, MLL⁺²², MSS⁺²⁰, RKL⁺²⁰]. **Diseases** [RM20, KSS⁺²⁰, NSP20]. **disinfection** [TPSJS20a, TPSJS20b]. **dismutase** [HWC⁺²¹]. **disorders** [Din21]. **dispersal** [LDM⁺²⁰, PSH⁺²¹]. **displaying** [WSW⁺²⁰]. **Dissecting** [DHSK⁺²¹]. **distribution** [KRS⁺²⁰, PVC20, WWK⁺²⁰]. **distributions** [WJPS21]. **districts** [DDDJ⁺²⁰]. **Disturbance** [BBD⁺²²]. **diverse** [NLPM⁺²¹]. **diversity** [AHTCDI20, BPA⁺²¹, KaVDH⁺²¹, PCWC20]. **DNA** [NLH⁺²⁰, ZZL⁺²¹]. **does** [LRGAH21, dCJBG22]. **dolomieu** [WBM21]. **Dolops** [POS⁺²⁰]. **domain** [TASP⁺²⁰]. **domains** [WWW⁺²¹]. **domestic** [TIK⁺²²]. **dominant** [DZJ⁺²¹]. **Don** [Now21]. **dorsal** [BZQV21]. **dose** [WSS⁺²⁰]. **double** [LWH⁺²¹]. **double-antibody** [LWH⁺²¹]. **Douëllou**

[IAO20]. **dracunculid** [DYN+20]. **Draft** [KSD+20]. **driven** [LNK+21]. **drives** [DXL+20b]. **drop** [CSDS21, KSD+20, PSV+21, SSMC22]. **drug** [DLS+21, MMTD+21]. **drugs** [LXW+20]. **drum** [dRRRPSR+21]. **dual** [ZLS+21]. **dual-sample** [ZLS+21]. **due** [GMK+21]. **dumerili** [PZP+20]. **duplex** [WML+21]. **duration** [BBG21]. **during** [CVDB+21, xCqXfL+21, GOG+21, GMK+21, JQT20, MBJ20]. **dye** [ZHY+21]. **dynamics** [BWH+20, LNK+21, LCYL20, LYC+20, SRT+21, SJK+21]. **dysfunction** [YGC+20]. **dysfunctional** [PZP+20]. **dysgalactiae** [MWY+20, ZHpT+20].

E-cadherin [REB+20]. **eagle** [DYN+20]. **Early** [CVDO+20]. **earthen** [NKZ+20]. **East** [ZGL+20]. **eastern** [KRS+20, LLR+20, KB21, SPKS+20]. **ectoparasites** [CSDS21]. **edema** [MPPF21, MPA+21, ZOZ+20]. **Edited** [RM20]. **edulis** [CTOH20]. **Edwardsiella** [CLS+22, LTW+21, LPGA+21, MPS+22, NLPM+21, PNØ+21, PØN+21a, PØN+21b, PRC20, SOE+21, THH+21, YMC+21]. **edwardsiellosis** [SOE+21]. **Edwardsiella** [SLA+20]. **Eel** [DHF+22, BKM21, IAH21, LFZ+22, PEN+21, SCIAH21]. **eels** [YCL+21, ZWZ+20]. **Effect** [LWK20, PDP+21, RTA21, TPSJS20a, VSODB21, WBB+21, CLH+21, DHSM+20, LCYL20, PLS+22, QST+21, SMP+22]. **effective** [MMTD+21, dCJBG22]. **effectiveness** [DMH+21]. **Effects** [BIK+21, CSGB+21, MWH+21, MVW+20, REB+20, AAZR+20, DvGJK+21, EBBIAH21, FFB+21, FCH+22b, IAO20, MDAO22, RCC+21, SJK+21, YZM+21]. **Efficacy** [MKT+21, RBP+20a, ASA+20, DXD+21, MSF+20, RGS+21, WSS+20]. **egg** [SLE+20]. **egg-associated** [SLE+20]. **Eggs** [ötTTS20, ELB21, FdSB+22, ÖTG22]. **electron** [MDAO22, SMMM20]. **Eleginops** [QGG+21, SDMO+20]. **element** [YLC+21]. **elevated** [FCH+22b]. **elicited** [MPS+22]. **ELISA** [LWH+21]. **Elucidation** [MLGRF+20]. **elute** [PTK+21]. **Emergence** [LFSB+21]. **emerging** [DWK+22, IMAH21, WAF+21]. **Encapsulation** [BKM21]. **encephalopathy** [BPA+20, ZMZ+22]. **encoded** [MLGRF+20]. **encoding** [DZJ+21, FVC+21]. **endemic** [BPA+20]. **endoparasitic** [MMTD+21]. **endopeptidase** [WHC+21]. **endothelial** [SBD21]. **energy** [FCH+22b]. **enhance** [DZJ+21, GWL+21, SLA+20]. **Enteritis** [PTW21]. **Enterocytozoon** [WML+21]. **Enteromyxum** [PSED+20, REB+20, SJK+21]. **entry** [LDM+20]. **Environmental** [THH+21, NLH+20]. **enzyme** [LWH+21]. **enzyme-linked** [LWH+21]. **enzymes** [FVC+21]. **Eoacanthocephala** [SMP+22]. **Epidemiology** [OHL+20]. **epidermis** [SMMM20]. **Epigallocatechin** [ZWX+22]. **Epigallocatechin-3-gallate** [ZWX+22]. **Epinephelus** [BPA+20, CDY+20, FYH+21, HWZ+21, LCYL20]. **Epistylis** [KB21]. **epithelial** [LPW+20]. **epitope** [DZJ+21, MPS+22]. **Epizootic** [SBVC21, WBM21]. **erectus** [BME+20]. **Eriocheir** [MLL+22, Din21].

Erysipelothrix [CCP+21]. **erythropterus** [CRWC22]. **esculin** [SZH+22]. **essential** [ÖTG22, POS+20, SMP+22]. **established** [JVM+20]. **Establishing** [PRC20]. **Establishment** [LjY+22, YDM+21]. **Estimates** [PNØ+21]. **Estimating** [PSH+21, WJPS21]. **estimation** [LGP+20, YK21]. **Eubothrium** [IFI+21]. **Eudontomyzon** [SCV+20]. **European** [BKM21, BBS+20, DHF+22, LDM+20, SMP+20, ZVB+21]. **Evaluation** [SCX+21, CLS+22, HZFT21, JKM+20, SLPF+20, SFKB+20, FSS+21]. **Evidence** [EBBIAH21, LRGH21, MLM+20, WZG+20, dRRRPSR+21]. **evolution** [LGH+21]. **Examples** [RCC+21]. **excelsa** [BIK+21]. **existence** [EBBIAH21]. **existing** [DBPH21]. **exitiosa** [BWH+20, BHT+20]. **exogenous** [LGH+21]. **Exophiala** [ACGDO+21]. **exophthalmia** [HB20]. **Expansion** [AHCSCI20]. **Experimental** [BHS+21, CTOH20, IAH21, KBMD21, SFKB+20, BMO+20, DvGJK+21, LWK20, LPL22, PSED+20, PPWC20, QGG+21]. **experimentally** [DHSK+21, ESEI20, KKL+22]. **exposure** [ASF+21, BHS+21, MBS21, PSED+20]. **Expression** [FYH+21, YCC+21, ASG+22, BMSC21, FLH+21, JPC+21, YMC+21, ZWZ+20]. **extracellular** [EBBIAH21]. **extract** [BIK+21]. **extracts** [LYX+20]. **Eye** [DvGJK+21]. **eyed** [ELB21].

f [LYX+20]. **facilitating** [LDO+21]. **Facilities** [NSP20, KSS+20]. **factor** [BCT+20b, GPC22]. **Factors** [JLM+20, FVC+21, THH+21, WMS21, IZWC+20]. **failure** [NCA+20]. **family** [LGH+21]. **far** [SRN20]. **farm** [YDM+21]. **farmed** [AMJ+21, GVB+21, GLS+21, IMAH21, JSW+21, LGP+20, LCTC20, LLR+20, MBJ20, MBS21, PEN+21, PTK+21, PVC20, PRHW21, RBP+20a, RTA21, SNT+22, SRP+21, TBK+20, VIB+21, ZVB+21, dRRRPSR+21]. **farming** [PNAS22]. **farms** [AHTCDI20, BWH+20, DOW+22, DDDJ+20, DMH+21, GIS+21, PBF+21]. **fathead** [HCW+20, HWC+21, LL21]. **features** [XJM+21]. **feed** [LL21]. **Feeding** [BBG21, MCA+20, SMP+20]. **female** [PZP+20, SLA+20]. **females** [FdSB+22]. **fertilization** [FdSB+22]. **FHM** [HWC+21]. **Field** [SPM+20, CQG+21, LFZ+22, SSMC22, DvGJK+21]. **field-deployable** [SSMC22]. **fighting** [SBB21]. **filter** [MCA+20]. **filter-feeding** [MCA+20]. **filtrate** [MHA+20]. **Fin** [SMP+20, BZQV21, FEM+20, LYF+21, YCC+21]. **finmarkense** [NLR21, SNT+22]. **First** [CRWC22, DGB+22, LHLS20, PEN+21, RBP+20b, VIB+21, VDC20, YWZ+21, ZVB+21, ZAG+20, dRRRPSR+21, ACGDO+21, KRS+20, GVB+21]. **Fish** [NSP20, ASA+20, ACGDO+21, BCT+20b, CSE21, DBDSP20, DCB20, DvGJK+21, DMB+21, EBELIAH20, FSS+21, GPC22, HWG+21, IFI+21, KaVDH+21, KBMD21, LAH21, LjY+22, LH20, LHTW21, MMTD+21, MWY+20, MPMB+20, MRM21, MQK+20, MCA+20, NLPM+21, PCWC20, PSED+20, PVC20, QGG+21, RKL+20, SBS+22, SKO21, SSM+21, SBD21, SBB21, SBVC21, VBG+22, ZGL+20, ZDZZ22, dCJBG22, dRRRPSR+21,

RM20]. **fish-to-fish** [PSED⁺20]. **fisheries** [CZMP21]. **fishes** [CZMP21, DŽR⁺21, SVC⁺21]. **five** [ASG⁺22]. **fjord** [LEV⁺20]. **flagellin** [CLS⁺22]. **Flavobacterium** [AHTCDI20, AHBE⁺20, BMK⁺20, BMO⁺20, BMJ⁺21, BMSC21, ELB21, FFB⁺21, HSM⁺22, KKBL21, LFA20, LPL22]. **Florfenicol** [IMAH21, RCC⁺21]. **flounder** [LFZ⁺21, SJK⁺21]. **flow** [FCH⁺22a, PSV⁺21]. **fluke** [DvGJK⁺21]. **fluorescence** [TBB⁺21]. **fluorogenic** [ZLS⁺21]. **fluviatilis** [KSI⁺20, SMP⁺20]. **focusing** [SCIAH21]. **follicles** [CZMP21]. **following** [CDY⁺20, LWK20, WJPS21]. **fontinalis** [BMJ⁺21, SEL⁺20]. **food** [BTN⁺21]. **formalin** [MKT⁺21, RBP⁺20a]. **formalin-inactivated** [RBP⁺20a]. **formalin-killed** [MKT⁺21]. **formation** [DCB20, PLS⁺22]. **Forsskål** [CDY⁺20]. **France** [BPA⁺21]. **Francis** [RM20]. **Francisella** [CQG⁺21, PPWC20]. **free** [FdSB⁺22]. **freshwater** [DBPH21, DvGJK⁺21, GOG⁺21, JKM⁺20, KaVDH⁺21, MWH⁺21, PBF⁺21, SVC⁺21, TAK⁺21, ZWX⁺22]. **FTA** [PTK⁺21]. **function** [TASP⁺20, VBG⁺22, WHC⁺21, YLC⁺21]. **Functional** [KQW⁺21, LLC⁺21, NLL⁺21]. **functions** [FMK⁺21, WWW⁺21]. **Fundy** [PSH⁺21, VPW⁺21]. **Fungal** [öTTS20]. **furcatus** [SLA⁺20]. **furunculosis** [LH20]. **Fusarium** [BME⁺20]. **fuscoguttatus** [CDY⁺20]. **future** [DBPH21].

gain [AKR⁺21]. **galectin** [NLL⁺21, WWW⁺21]. **galectin-9** [WWW⁺21]. **galectin-related** [NLL⁺21]. **gallate** [ZWX⁺22]. **Gambusia** [JVM⁺20]. **gangliocytoma** [SAKC20]. **gariepinus** [MDAO22]. **Garlic** [öTTS20]. **garvieae** [BHEM21, RBP⁺20a]. **gastroenteropathy** [BZP⁺22]. **gastrointestinal** [KSI⁺20]. **gene** [ASG⁺22, BMSC21, CGA⁺20, CRP⁺21, FSW⁺21, FMK⁺21, FLH⁺21, HWZ⁺21, LFZ⁺21, SDMO⁺20, TAK⁺21, TCS21, YMC⁺21, ZJF⁺22, ZTY⁺22]. **Generation** [GZZ⁺22, YLW⁺21, HAK⁺20]. **genes** [CLS⁺22, DXL⁺20a, FVC⁺21, LFA20, RKL⁺20]. **Genetic** [BPA⁺21, GLS⁺21, KaVDH⁺21, LPGA⁺21, NLPM⁺21, PØN⁺21a, PØN⁺21b, WMS21, FEM⁺20, MLL⁺22, PNØ⁺21, RBP⁺20b]. **Genetically** [ABM⁺21]. **genogroups** [TBKY20]. **Genome** [CLH⁺21, RKL⁺20, HAK⁺20, KSD⁺20, SCIAH21, SKR⁺20]. **Genome-wide** [CLH⁺21, RKL⁺20]. **genomic** [LHLS20, YCS⁺21]. **genomovar** [SNT⁺22]. **Genotype** [CRP⁺21, PPT⁺20, SWC21]. **genotypes** [KKBL21]. **Genotypic** [PCWC20, NKZ⁺20]. **genotyping** [DDTG⁺21, SNY⁺21]. **genus** [BPA⁺20]. **Genypterus** [IAH21, SCIAH21]. **geographic** [KRS⁺20]. **geographical** [SLPF⁺20]. **germ** [BBS⁺20]. **GGIV** [GSJ⁺20]. **ghost** [ZZL⁺21]. **ghost-based** [ZZL⁺21]. **giant** [GSJ⁺20, PEN⁺21, SRP⁺21]. **gibelio** [LYF⁺21, WZG⁺20, YCC⁺21]. **gigas** [dCJBG22]. **Gill** [JKM⁺20, BHS⁺21, CMM⁺20, CVDB⁺21, EBA⁺21, FSFS⁺20, LHTW21, LPW⁺20, WSW⁺20, WSS⁺20, XJM⁺21, YCL⁺21]. **gills** [xCqXfL⁺21, IAO20, PBF⁺21]. **gilthead** [CSGB⁺21, CSVG⁺22, CFGCCE21, REB⁺20, FEM⁺20, FK21]. **ginbuna** [MHA⁺20]. **glochidiosis** [CVDO⁺20]. **glucan** [RGS⁺21]. **glutamyl**

[WHC⁺21]. **Gobiidae** [MRM21]. **gold** [HZFT21, KDS⁺21]. **golden** [HZFT21]. **goldfish** [MLGRF⁺20]. **gonadal** [STB⁺21]. **goramy** [GSJ⁺20, SRP⁺21]. **gourami** [GSJ⁺20, SAKC20, SRP⁺21]. **gracilis** [SMP⁺22]. **Gram** [PLS⁺22]. **Gram-negative** [PLS⁺22]. **granulocytes** [CSVG⁺22]. **grass** [LLJ⁺21, YLW⁺21]. **greater** [PZP⁺20]. **Greek** [BIK⁺21]. **green** [QST⁺21]. **grey** [HZFT21, RBP⁺20a]. **gross** [GSS⁺21]. **Group** [MWY⁺20, RM20, CRP⁺21]. **grouper** [CDY⁺20, DXL⁺20a, FYH⁺21, LYX⁺20, LCYL20]. **groupers** [BPA⁺20, MHP⁺20]. **grown** [AHSB⁺22]. **growth** [FFB⁺21, FCH⁺22b, LAH21, PØN⁺21b, SMP⁺20]. **Guichenot** [IAH21]. **Gulf** [ZAG⁺20].

habitat [LEV⁺20]. **haemocyte** [ZLZ21]. **haemorrhagic** [AKR⁺21, AAZR⁺20, ASF⁺21, DXD⁺21, HAK⁺20, LL21, UCB⁺21, YCL⁺21]. **hainanensis** [MSS⁺20]. **haliotica** [CQG⁺21]. **Hamilton** [KSS⁺20, KMH⁺21, SSM⁺20]. **handling** [PDP⁺21]. **haplotype** [BME⁺20]. **harbouring** [RKL⁺20]. **hard** [LYC⁺20]. **Hardback** [RM20]. **harvest** [PØN⁺21b]. **harveyi** [CDY⁺20, DXL⁺20b, ZDZZ22]. **harveyi-infected** [ZDZZ22]. **hatcheries** [DDDJ⁺20]. **hatchery** [MSS⁺20]. **healing** [CFGCE21]. **Health** [NSP20, BTN⁺21, KSS⁺20, KH20]. **heart** [FCH⁺22b, SKR⁺20]. **heat** [MKT⁺21]. **heat-killed** [MKT⁺21]. **hemagglutinin** [CGA⁺20]. **hematopoietic** [UCB⁺21]. **hepatopancreatic** [WML⁺21, WCT⁺20, YDM⁺21]. **hepatopancreatitis** [BBD⁺22]. **hepatopenaei** [WML⁺21]. **Hepatospora** [Din21]. **herpesvirus** [AAZR⁺20, BDK⁺21, GZZ⁺22, LYF⁺21, MLGRF⁺20, UCB⁺21, WWK⁺20, YCC⁺21, YLC⁺21, ZOZ⁺20, PEN⁺21]. **herring** [HSH⁺20]. **Herzegovina** [GVB⁺21]. **heterologous** [NLPM⁺21]. **High** [MMTD⁺21, GLS⁺21, LXW⁺20, SPKS⁺20]. **high-throughput** [LXW⁺20]. **highlands** [VLSM⁺20]. **highlights** [RGS⁺21]. **highly** [CGA⁺20, SGU⁺21]. **hint** [ZDZZ22]. **Hippocampus** [BME⁺20]. **histochemical** [SGR⁺20b]. **histochemistry** [KH20]. **histocompatibility** [DXL⁺20a, FLH⁺21]. **Histological** [STB⁺21, SLPF⁺20]. **Histopathological** [DWK⁺22, ESEI20, SMMM20, GSS⁺21]. **Histopathology** [DŽR⁺21, MHP⁺20, MBJ20]. **Hofer** [KRS⁺20]. **hogansi** [WBV⁺20]. **homogeneity** [GLS⁺21]. **homolog** [LLC⁺21, WHC⁺21]. **homoserine** [LRGAH21]. **honghuensis** [WZG⁺20]. **Hook** [LYX⁺20]. **Horizontal** [QGG⁺21]. **Host** [KKBL21, BDK⁺21]. **Host-specific** [KKBL21]. **hosts** [AHCSCI20, BONB20, LNK⁺21, NLPM⁺21]. **housed** [ACGDO⁺21]. **HPR** [CGA⁺20, DOW⁺22]. **HPR0** [DGB⁺22]. **HPR0-like** [DGB⁺22]. **human** [RSPB22]. **humicola** [LWK20]. **Hungary** [SCV⁺20, SVC⁺21]. **HY9901** [ZTY⁺22]. **hybrid** [FFB⁺21, KDS⁺21, LPGA⁺21, SLA⁺20, VGW⁺21]. **hybridization** [GKTC⁺21]. **hydriforme** [OHL⁺20]. **Hydrogen** [VPW⁺21, WSS⁺20]. **hydrophila** [IZWC⁺20, DLS⁺21, KQW⁺21, KB21, MQK⁺20, QWL⁺21, SMMM20, WWW⁺21]. **hydroxynaphthol** [ZHY⁺21].

hyperthermal [PEś⁺20]. **hypophthalmus**
[DXD⁺21, PNØ⁺21, PØN⁺21a, PØN⁺21b, PRC20].

Ichthyophthirius [JØM⁺20, QST⁺21]. **ictaluri**
[MPS⁺22, PNØ⁺21, PØN⁺21a, PØN⁺21b, PRC20, SLA⁺20, THH⁺21].
ictaluri-induced [THH⁺21]. **Ictalurid** [YLC⁺21]. **Ictalurus** [SLA⁺20].
identical [BGZW22]. **Identification**
[CYX⁺22, EBELIAH20, HCW⁺20, HWC⁺21, LTW⁺21, LFZ⁺21, WBM21,
DMB⁺21, LLC⁺21, NK22, TBB⁺21, ZHpT⁺20]. **Idiopathic** [BBD⁺22]. **IgZ**
[FYH⁺21]. **II** [ZWZ⁺20, DXL⁺20a, SLE⁺20]. **Illicium** [LYX⁺20].
Illuminating [TBB⁺21]. **Image**
[Ano22a, CWB⁺20a, Ano21a, Ano21b, Ano21c]. **imbalance** [YGC⁺20].
imbalance-dependent [YGC⁺20]. **Immersion**
[EBA⁺21, YZM⁺21, ZZL⁺21, BMK⁺20, IAH21, LGJ21]. **Immune**
[ZHL⁺21, BIK⁺21, CSGB⁺21, CWB⁺20b, DZJ⁺21, HWZ⁺21, HWG⁺21,
KQW⁺21, MPPF21, NLL⁺21, WMS21]. **immunity**
[VBG⁺22, WWW⁺21, ZZL⁺21]. **immunization**
[ABM⁺21, GZL⁺21, ZZL⁺21]. **immunochromatographic** [WCT⁺20].
immunochromatography [HZFT21]. **immunogenic** [IzWC⁺20].
immunogenicity [VGW⁺21, ZWZ⁺20]. **immunohistochemical**
[STB⁺21, SMMM20]. **immunology** [LFL⁺21]. **immunomodulator**
[VBG⁺22]. **immunosorbent** [LWH⁺21]. **Impact**
[BTN⁺21, CWB⁺20b, LL21, LYC⁺20]. **impacts**
[LAH21, RSPB22, VPW⁺21]. **Implication** [CSVG⁺22]. **implications**
[CZMP21]. **important** [RKL⁺20]. **improve** [DLS⁺21, MSF⁺20]. **improved**
[SAAB⁺21]. **Improvements** [GPC22]. **in-situ** [GKTC⁺21]. **inactivated**
[NRKK21, RBP⁺20a]. **Inactivation** [WHL⁺20]. **including**
[AAZR⁺20, RSPB22]. **inclusions** [KMH⁺21]. **increase** [EBA⁺21].
Increased [PZP⁺20, FMK⁺21, YCS⁺21]. **Increasing** [MFP21]. **India**
[SRP⁺21]. **indicates** [LFL⁺21]. **indicating** [SPM⁺20]. **induce** [NRKK21].
induced [EBA⁺21, FK21, HB20, JPC⁺21, THH⁺21]. **induces**
[AHSB⁺22, BCT⁺20a, BHS⁺21, HCW⁺20, HWC⁺21, XFL⁺21, YGC⁺20].
inducing [ZZL⁺21]. **infect** [DHSM⁺20]. **infected**
[AKR⁺21, DXL⁺20a, DHSK⁺21, ESEI20, FdSB⁺22, FMK⁺21, KSD⁺20,
LFL⁺21, SMMM20, TBKY20, WMS21, ZDZZ22, ZLZ21, CMN⁺20].
infecting [GLS⁺21]. **Infection** [BWH⁺20, SCV⁺20, SJK⁺21, AHBE⁺20,
BCT⁺20a, CWB⁺20b, CCP⁺21, CTOH20, CLH⁺21, xCqXfL⁺21, CDY⁺20,
FSS⁺21, FYH⁺21, HLpSC22, HWG⁺21, IAH21, JPC⁺21, LYX⁺20, LPW⁺20,
LPL22, LFZ⁺22, LLJ⁺21, LYF⁺21, MWY⁺20, MSB⁺21, MVW⁺20, NKS⁺21,
NLL⁺21, OSM22, PTW21, PSKW22, PPWC20, REB⁺20, SRT⁺21, SLA⁺20,
SGR⁺20a, VSODB21, WLTZ21, WML⁺21, XJM⁺21, YZM⁺21, YCC⁺21,
YLW⁺21, ZGL⁺20, ZHL⁺21, ZAG⁺20]. **infections** [ALDMLEM20, DHF⁺22,
DŽR⁺21, LCTC20, MMTD⁺21, PPT⁺20, SVC⁺21, SRE⁺21]. **Infectious**
[AMJ⁺21, SRP⁺21, CGA⁺20, DGB⁺22, JDA⁺20, KSM⁺21, MPMB⁺20,

TBKY20, UCB⁺21]. **infectivity** [LAH21, PRC20]. **infestation** [MHP⁺20, YK21]. **inflammation** [CSE21, CSVG⁺22, SKR⁺20, YGC⁺20]. **inflammatory** [CWB⁺20b, LFZ⁺21, RGS⁺21]. **influence** [CTOH20]. **Information** [Ano22b, Ano22c, Ano22d, Ano22e, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o]. **ingredient** [HLpSC22]. **inhibitor** [IFI⁺21]. **inhibits** [ZWX⁺22]. **iniae** [PTW21, PSH⁺20, TCS21]. **initiative** [NSP20]. **injected** [SDMO⁺20]. **injection** [CSGB⁺21, CSVG⁺22]. **innate** [VBG⁺22]. **insight** [QST⁺21]. **Insights** [SGR⁺20b, NKö⁺21, LHTW21]. **Integrated** [LYF⁺21]. **Integration** [HWZ⁺21]. **intensities** [MFP21]. **intensity** [MHP⁺20, WBV⁺20]. **intensively** [SMP⁺20]. **interaction** [WSS⁺20]. **Intermediary** [SDMO⁺20]. **internal** [YK21]. **International** [SSM⁺20]. **intertidal** [BWH⁺20, MRM21]. **intestinal** [HHJ⁺21, MMTD⁺21, RGS⁺21, REB⁺20, SSM⁺20]. **intra** [CGA⁺20]. **intra-segmental** [CGA⁺20]. **intracellular** [XFL⁺21]. **Intranuclear** [KMh⁺21]. **intrapertitoneal** [CDY⁺20, PPWC20]. **intrapertitoneally** [AKR⁺21]. **Introduction** [NSP20]. **Intussusception** [HHJ⁺21]. **invadans** [WBM21]. **invasion** [BBD⁺22]. **invasive** [BHEM21]. **invertebrate** [PEś⁺20]. **investigate** [LGJ21]. **Investigation** [LDM⁺20, KSD⁺20, SMMM20]. **investigations** [DvGJK⁺21]. **Invited** [NSP20]. **involved** [LFZ⁺21, NLL⁺21]. **Iodobacter** [KaVDH⁺21, VBG⁺22]. **IPNV** [TIK⁺22, TBKY20]. **Ireland** [MBS21]. **iridescent** [LGH⁺21]. **irido** [SBB21]. **irido-melanocytoma** [SBB21]. **iridovirus** [GSJ⁺20, LYX⁺20]. **iron** [AHSB⁺22, BMSC21, LFA20]. **iron-limited** [AHSB⁺22]. **irradiation** [TPSJS20b]. **irritans** [xCqXFL⁺21, DXL⁺20a, XJM⁺21]. **ISAV** [CGA⁺20, DGB⁺22, DOW⁺22]. **ISAV-HPR** [DOW⁺22]. **Isavirus** [TASP⁺20]. **ISBN** [RM20]. **isolate** [WLH⁺20]. **isolated** [BCT⁺20b, BHEM21, CYX⁺22, LXW⁺21, LH20, MWH⁺21, MLL⁺22, MSS⁺20, NK22, NKZ⁺20, PCWC20, SCIAH21, SMD⁺20, SWC21]. **isolates** [AHTCDI20, BLJ⁺21, BMO⁺20, CRP⁺21, DCB20, IMAH21, LPGA⁺21, MPMB⁺20, NLPM⁺21, TIK⁺22, VIB⁺21]. **Isolation** [BMO⁺20, LCTC20, LLR⁺20, YCL⁺21, ZHpT⁺20, BZP⁺22, DGB⁺22, WSW⁺20]. **isothermal** [CMM⁺20, KDS⁺21, PTK⁺21, YDM⁺21, ZHY⁺21, ZLS⁺21]. **Issue** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22b, Ano22c, Ano22d, Ano22e]. **Italy** [MPA⁺21]. **iTRAQ** [ZLZ21]. **iTRAQ-based** [ZLZ21]. **IVb** [LPW⁺20, LL21].

Japanese [LFZ⁺21, ZWZ⁺20]. **japonica** [ZWZ⁺20]. **japonicus** [Cow20]. **jaw** [SVP⁺21]. **jellyfish** [MBS21]. **Journal** [NSP20]. **juniper** [BIK⁺21]. **Juniperus** [BIK⁺21]. **juvenile** [BZP⁺22, JLM⁺20, MKT⁺21, NKS⁺21, PGH⁺21, PTW21, PSKW22].

Kamchatka [SGU⁺21]. **Kariba** [BHEM21]. **KCL** [LHLS20]. **KCL-5** [LHLS20]. **kDa** [AHSB⁺22]. **key** [JMA⁺22, PSED⁺20, QST⁺21]. **KHV** [BDK⁺21, LWH⁺21]. **kidney** [LNK⁺21, LFZ⁺22, RSPB22, SRP⁺21, SPM⁺20]. **killed** [MKT⁺21]. **Kinetics** [ASF⁺21, KBMD21]. **kisutch** [KKBL21, PPT⁺20]. **knowledge** [MPPF21]. **Koi** [ZOZ⁺20, AAZR⁺20, BDK⁺21, SGR⁺20a, STB⁺21, WWK⁺20, SGR⁺20a, STB⁺21]. **Kokanee** [LHH⁺22]. **Korea** [HAK⁺20, LH20, NK22]. **Krabbe** [MFP21]. **Krøyer** [PDP⁺21]. **kroyeri** [YK21]. **kuruma** [Cow20].

L [FCH⁺22b, FMP⁺21, LPL22, MPP20a]. **L.** [CdPM⁺21, DHSK⁺21, FSFS⁺20, FEM⁺20, FK21, KSI⁺20, LGP⁺20, MBJ20, MLM⁺20, MFP21, PDP⁺21, PSH⁺20, SMP⁺20, TBK⁺20, WAF⁺21]. **Labeo** [SMMM20]. **Laboratory** [NKS⁺21, DŽR⁺21, HSH⁺20, KMH⁺21, WBB⁺21]. **laboratory-reared** [DŽR⁺21]. **labrax** [BBS⁺20, xCqXfL⁺21, LDM⁺20, YK21, ZVB⁺21]. **Labrus** [PDM⁺21, PGH⁺21]. **Lacepede** [ASG⁺22]. **Lack** [MLM⁺20]. **lactate** [TCS21]. **Lactococcus** [BHEM21, RBP⁺20a]. **lactones** [LRGAH21]. **Lake** [DDHT⁺22, DDDJ⁺20, DDTG⁺21, KDS⁺21, SRN20, BSS⁺20, BHEM21]. **lakes** [OSM22]. **LAMP** [KDS⁺21]. **lamprey** [SCV⁺20]. **langsdorffii** [MHA⁺20]. **laparoscopy** [LdL20]. **large** [LHH⁺22, LWR⁺20, LLC⁺21, OSM22, SRP⁺21, dCJBG22]. **large-scale** [SRP⁺21]. **largemouth** [BBG21, CYX⁺22, PPWC20]. **Larimichthys** [LWR⁺20, LLC⁺21]. **larvae** [LCYL20, MSB⁺21, MSS⁺20, MFP21]. **larval** [MWZ⁺20]. **lateral** [FCH⁺22a, PSV⁺21]. **Lates** [CSDS21, GKTC⁺21, KSD⁺20, PTW21, PPWC20, SSMC22]. **latitudinal** [GLS⁺21]. **latus** [LjY⁺22]. **laurel** [ÖTG22]. **Laurus** [ÖTG22]. **lead** [HLpSC22]. **lecanii** [ACGDO⁺21]. **lecanii-corni** [ACGDO⁺21]. **lectin** [ZYZ⁺20]. **leech** [BBG21]. **leei** [PSED⁺20, SJK⁺21]. **leerii** [SAKC20]. **Leguminosae** [MSF⁺20]. **leiomyoma** [NCA⁺20]. **lemon** [RZTV21]. **leniusculus** [BBD⁺22]. **Lepeophtheirus** [CWB⁺20b, DHSM⁺20, PSH⁺21, PDP⁺21, VPW⁺21]. **Lernanthropus** [YK21]. **lesion** [JSW⁺21, KMH⁺21]. **lesions** [DŽR⁺21, GSS⁺21, KaVDH⁺21, SGU⁺21, VDC20]. **Lethal** [POS⁺20, CMM⁺20]. **leucomaenis** [SGU⁺21]. **level** [CTOH20, FCH⁺22b, WJPS21]. **lice** [BONB20, MCA⁺20, PSH⁺21, TBB⁺21]. **life** [JMA⁺22]. **Light** [MDAO22, WZG⁺20]. **Lightner** [Now21]. **like** [BGZW22, CLH⁺21, DGB⁺22, HSG⁺21, SGU⁺21, ZAG⁺20]. **Limanda** [VDC20, VDD⁺20]. **limited** [AHSB⁺22]. **limnosediminis** [KaVDH⁺21]. **line** [FdSB⁺22, FSW⁺21, JVM⁺20, KSM⁺21, LjY⁺22, LPW⁺20, LFZ⁺22]. **lineages** [SPM⁺20]. **lines** [ASG⁺22, ASA⁺20, FSS⁺21, JW22]. **linked** [LWH⁺21]. **links** [SSM⁺20]. **Linnaeus** [BBS⁺20, LdL20, ZVB⁺21, dRRRPSR⁺21]. **Lipid** [Din21]. **Lippia** [SMP⁺22]. **literature** [DVR⁺20]. **Litopenaeus**

[BTN⁺²¹, CMN⁺²⁰, HLpSC22, LGH⁺²¹, TPSJS20a, TPSJS20b]. **live** [BMK⁺²⁰, SOE⁺²¹, IZWC⁺²⁰]. **live-attenuated** [BMK⁺²⁰]. **liver** [CSGB⁺²¹, LjY⁺²², PZP⁺²⁰]. **loach** [ZYZ⁺²⁰]. **load** [TBKY20]. **Localization** [IFI⁺²¹, DHSK⁺²¹, FYH⁺²¹]. **location** [BONB20]. **locations** [SLPF⁺²⁰]. **loci** [JØM⁺²⁰]. **Longicollum** [CRWC22]. **longitudinal** [DMH⁺²¹]. **loop** [CMM⁺²⁰, KDS⁺²¹, PTK⁺²¹, ZHY⁺²¹, ZLS⁺²¹]. **loop-mediated** [CMM⁺²⁰, KDS⁺²¹, PTK⁺²¹, ZHY⁺²¹, ZLS⁺²¹]. **lordosis** [FK21]. **lordosis-induced** [FK21]. **lota** [BMO⁺²⁰, BMO⁺²⁰]. **louse** [BONB20, GLS⁺²¹]. **low** [BHS⁺²¹, BHEM21, LDO⁺²¹]. **low-temperature** [LDO⁺²¹]. **lugubris** [BBG21]. **lumpfish** [KKL⁺²², LdL20]. **lumpsucker** [SRE⁺²¹]. **lumpus** [KKL⁺²², LdL20]. **lusoria** [LYC⁺²⁰]. **Lutjanus** [CRWC22, GKU21]. **LuxR** [MQK⁺²⁰]. **LuxR-type** [MQK⁺²⁰]. **lymphocyte** [YGC⁺²⁰]. **lymphocytes** [ASF⁺²¹]. **lymphoid** [KMH⁺²¹].

M. [FFB⁺²¹]. **maclovinus** [QGG⁺²¹, SDMO⁺²⁰]. **Macrobrachium** [MWZ⁺²⁰, NRKK21, TAK⁺²¹]. **Macrogyrodactylus** [MDAO22]. **macrophages** [CSVG⁺²²]. **maculosa** [BMO⁺²⁰]. **magnifica** [SMD⁺²⁰]. **Maine** [ZAG⁺²⁰]. **major** [ASA⁺²⁰, DXL^{+20a}, FLH⁺²¹, GPC22, SCX⁺²¹]. **makes** [TAK⁺²¹]. **malachite** [QST⁺²¹]. **male** [SBB21, SLA⁺²⁰]. **males** [FdSB⁺²²]. **Malignant** [BSS⁺²⁰]. **maltaromaticum** [RKL⁺²⁰]. **Man** [NRKK21]. **managed** [SBVC21]. **Management** [NSP20, KSS⁺²⁰]. **mandarin** [HWG⁺²¹]. **mannose** [GZL⁺²¹]. **marble** [SVP⁺²¹]. **marbled** [CDY⁺²⁰, LWK20]. **Margaritifera** [CVDO⁺²⁰, CVDB⁺²¹]. **marine** [LEV⁺²⁰, MBJ20]. **maritimum** [VIB⁺²¹]. **mark** [GVB⁺²¹, GSS⁺²¹, VDC20]. **Marlborough** [JSW⁺²¹]. **marmorata** [PEN⁺²¹]. **marmoratus** [LWK20, SVP⁺²¹]. **masoucida** [WLH⁺²⁰]. **Mass** [WXM⁺²²]. **materials** [FSFS⁺²⁰]. **mature** [HHJ⁺²¹]. **maximus** [WMS21]. **May** [HSG⁺²¹]. **mechanism** [LHTW21, VBG⁺²²]. **mechanisms** [AHSB⁺²², KBMD21]. **mediated** [CMM⁺²⁰, KDS⁺²¹, PTK⁺²¹, ZJF⁺²², ZHY⁺²¹, ZLS⁺²¹]. **medicinal** [LXW⁺²⁰]. **Medicine** [RM20]. **mediterraneus** [BCT^{+20a}]. **Megalobrama** [ZHPT⁺²⁰]. **megalocytiviruses** [SNY⁺²¹]. **Mekong** [PNØ⁺²¹, PØN^{+21a}, PØN^{+21b}]. **melanocytoma** [SBB21]. **melanoma** [BSS⁺²⁰]. **melanomacrophage** [PZP⁺²⁰]. **melastigma** [YWZ⁺²¹]. **membrane** [BCT^{+20b}, EBELIAH20, LXZ⁺²¹, ZWZ⁺²⁰]. **Memphremagog** [BSS⁺²⁰]. **Meningitis** [DYN⁺²⁰]. **Meningoencephalitis** [RZTV21]. **Meretrix** [LYC⁺²⁰]. **meristic** [MRM21]. **Mesanophrys** [LLR⁺²⁰]. **Mesomycetozoa** [SGR^{+20a}]. **meta** [ZGL⁺²⁰]. **meta-analysis** [ZGL⁺²⁰]. **metabolic** [SDMO⁺²⁰]. **metabolism** [BMSC21, Din21]. **metabolite** [LFL⁺²¹]. **metacercariae** [DMB⁺²¹]. **metagenomic** [KSD⁺²⁰]. **Metastatic** [BZQV21, SVP⁺²¹]. **Method** [TKB⁺²¹, DMB⁺²¹, LGP⁺²⁰, NK22, SMP⁺²⁰, YDM⁺²¹]. **methods** [SSM⁺²¹]. **Metschnikowia** [MLL⁺²²]. **Mexico** [dRRRPSR⁺²¹]. **MIC** [BLJ⁺²¹, GIS⁺²¹]. **Microbial** [DBPH21, KSI⁺²⁰, MWZ⁺²⁰, TPSJS20a].

Microcotyle [NK22]. **microdiet** [PKF⁺21]. **microfluidic** [ZLS⁺21].
Micropterus [BBG21, CYX⁺22, FCH⁺22a, PPWC20, WBM21].
MicroRNA [JPC⁺21]. **microRNAs** [JPC⁺21, LDO⁺21]. **microscopic**
 [SMMM20]. **microscopy** [MDAO22, WZG⁺20]. **migration** [LEV⁺20].
milky [MLL⁺22]. **Mimachlamys** [BCT⁺20a]. **mimiviruses** [RBP⁺20b].
minigenome [TASP⁺20]. **minnow** [HCW⁺20, HWC⁺21, LL21]. **miR**
 [YCC⁺21]. **miR-124** [YCC⁺21]. **miRNAs** [LYF⁺21]. **Misgurnus** [ZYZ⁺20].
Mississippi [LPGA⁺21]. **Mitigating** [RSPB22]. **Mixed** [SBB21, BBS⁺20].
model [AHBE⁺20, CSE21, CLS⁺22, KH20, LXW⁺20, LGJ21, MSB⁺21,
 NLPM⁺21, PGH⁺21]. **Modelling** [LCYL20]. **models** [MLL⁺22, PRC20].
modification [CGA⁺20, GZL⁺21]. **Modifications** [AKR⁺21]. **modified**
 [ABM⁺21, DZJ⁺21]. **modulate** [DCB20]. **modulation**
 [LPW⁺20, LPL22, SDMO⁺20, VSOB22]. **Molecular** [DWY⁺20, ESEI20,
 FLH⁺21, LLC⁺21, OKL⁺22, WZG⁺20, LCTC20, PCWC20]. **mollusc**
 [BCT⁺20a]. **monitoring** [ZDZZ22]. **monoclonal** [GZZ⁺22, WWK⁺20].
monocytes [CSVG⁺22]. **monocytes/macrophages** [CSVG⁺22]. **monodon**
 [FMK⁺21]. **Monogenea** [IAO20, LFSB⁺21]. **monogenean** [MSF⁺20].
Monopterus [LFZ⁺22]. **morbidity** [WBB⁺21]. **Moritella** [CWB⁺20b].
Morone [FFB⁺21]. **Morphological** [EGRD22]. **Morphology**
 [KB21, FCH⁺22b]. **morphometric** [GLS⁺21]. **morphometrics** [FK21].
Morphopathological [CVDO⁺20]. **Morphopathology** [CVDB⁺21].
mortalities [PES⁺20, PEN⁺21, WXM⁺22]. **Mortality**
 [GOG⁺21, MBS21, BMJ⁺21, BHT⁺20, JQT20, MPA⁺21, NKS⁺21, PNAS22,
 SPKS⁺20, SRP⁺21, THH⁺21, TBKY20, WJPS21, WLTZ21]. **mosquito**
 [KSM⁺21]. **Mosquitofish** [JVM⁺20]. **mossambicus** [SLPF⁺20]. **motifs**
 [TIK⁺22]. **motility** [GWL⁺21]. **mottled** [PEN⁺21]. **Mourilyan** [Cow20].
Mozambique [SLPF⁺20]. **mRNA** [LYF⁺21]. **Mucin** [KH20, LHTW21].
Mucosal [CDY⁺20, HSM⁺22]. **mucous** [PBF⁺21]. **Mucus**
 [ZDZZ22, CSVG⁺22, FFB⁺21, HSM⁺22, LFA20, LAH21, LHTW21].
mucus-secreting [CSVG⁺22]. **mud** [MSS⁺20]. **Mugil** [RBP⁺20a]. **mullet**
 [HZFT21, RBP⁺20a]. **multi** [DLS⁺21, MPS⁺22, WAF⁺21].
multi-biomarker [WAF⁺21]. **multi-drug-resistant** [DLS⁺21].
multi-epitope [MPS⁺22]. **multifiliis** [JØM⁺20, QST⁺21]. **multilocus**
 [KKBL21]. **Multiple** [YLC⁺21, DDDJ⁺20, ZLS⁺21]. **Murray** [WXM⁺22].
muscle [SKR⁺20]. **mussels** [CTOH20, ZAG⁺20]. **mutant** [FdSB⁺22].
mutants [SOE⁺21]. **Mycobacterial** [DŽR⁺21]. **mycobacteriosis**
 [MHA⁺20, SBS⁺22]. **Mycobacterium** [JW22, MHA⁺20]. **Mycoplasma**
 [SVC⁺21]. **mykiss** [AMJ⁺21, BIK⁺21, BZQV21, ELB21, GSS⁺21, HSM⁺22,
 HHJ⁺21, JØM⁺20, JKM⁺20, LAH21, LFSB⁺21, LPL22, ÖTG22, PPT⁺20,
 QGG⁺21, SM21, TBKY20, VIB⁺21, öTTS20]. **myocardial** [PRHW21].
myocarditis [MLM⁺20]. **myonecrosis** [KSM⁺21]. **myositis** [PSH⁺20].
Mysterious [SPKS⁺20]. **Mytilus** [CTOH20, MCA⁺20, ZAG⁺20].
Myxobolidae [KRS⁺20]. **Myxobolus** [KRS⁺20, WZG⁺20]. **myxoid**
 [BZQV21]. **Myxosporea** [SJK⁺21]. **myxospores** [SGR⁺20b]. **Myxozoa**

[REB⁺20, SJK⁺21, WBB⁺21]. **myxozoan** [SGR⁺20b]. **Myzobdella** [BBG21].

N [WWW⁺21]. **N-** [WWW⁺21]. **naïve** [EBA⁺21]. **Nano** [SAAB⁺21]. **Nano-scale** [SAAB⁺21]. **nanobioparticles** [MMTD⁺21]. **nanobubble** [DLS⁺21]. **Nanoemulsions** [MSF⁺20]. **nanoformulation** [MSF⁺20]. **nanoparticle** [KDS⁺21]. **nanoparticles** [ASA⁺20]. **Nanopore** [DDTG⁺21]. **narinari** [DYN⁺20]. **naringenin** [SCX⁺21]. **nasal** [WBV⁺20]. **Nasicola** [WBV⁺20]. **Natural** [HLpSC22, WLTZ21]. **naturally** [ESEI20, JLM⁺20]. **nature** [ALDMLEM20]. **NB2011** [JLH⁺21]. **nebulosus** [BSS⁺20]. **necrosis** [CYX⁺22, HZFT21, LCYL20, MPMB⁺20, PØN⁺21a, PØN⁺21b, SRP⁺21, TBKY20, UCB⁺21, VSODB21, VSOB22, WML⁺21, WXM⁺22, WCT⁺20, YDM⁺21, YCL⁺21]. **necrotizing** [BBD⁺22]. **Negaprion** [RZTV21]. **negative** [PLS⁺22]. **nematode** [NLH⁺20]. **nematodes** [DYN⁺20]. **Neodevriesia** [ACGDO⁺21]. **Neoechinorhynchidae** [SMP⁺22]. **Neoechinorhynchus** [SMP⁺22]. **Neoparamoeba** [BHS⁺21, CMM⁺20, EBA⁺21, LHTW21]. **neoplasia** [DVR⁺20, HHJ⁺21, SBVC21]. **neoplasms** [SSM⁺20]. **neoplastic** [DŽR⁺21]. **Neotropical** [dCJBG22]. **nerka** [LHH⁺22]. **nerve** [BZQV21]. **Nervous** [VSOB22, CYX⁺22, HZFT21, LCYL20, VSODB21, WXM⁺22]. **netpen** [JLM⁺20]. **netpen-** [JLM⁺20]. **neurophilia** [FdsB⁺22, MVW⁺20]. **neutralizing** [Wel20]. **neutrophil** [MSB⁺21]. **newly** [JVM⁺20]. **next** [HAK⁺20]. **next-generation** [HAK⁺20]. **Nibea** [XJM⁺21]. **Nile** [BHEM21, DLS⁺21, DHSK⁺21, ESEI20, KDS⁺21, LCTC20, MPS⁺22, MKT⁺21, NLL⁺21, PPWC20, RCC⁺21, XFL⁺21]. **niloticus** [BHEM21, DLS⁺21, DHSK⁺21, ESEI20, LCTC20, MKT⁺21, PTK⁺21, PPWC20, RCC⁺21, XFL⁺21]. **NlpC** [HCW⁺20]. **NlpC/P60** [HCW⁺20]. **nobilis** [ÖTG22]. **Nocardia** [HCW⁺20, HWC⁺21, WHC⁺21, dRRRPSR⁺21]. **nocardiosis** [dRRRPSR⁺21]. **nodavirus** [WLTZ21]. **nodules** [LWR⁺20]. **Nolandella** [EBA⁺21]. **Non** [CMM⁺20, BDK⁺21, CSDS21, DDHT⁺22, LHTW21, LdL20]. **non-cyprinid** [BDK⁺21]. **non-destructive** [CSDS21, LdL20]. **non-fish-derived** [LHTW21]. **Non-lethal** [CMM⁺20]. **non-tilapine** [DDHT⁺22]. **Nonstructural** [LLJ⁺21]. **normal** [PKF⁺21]. **North** [DHF⁺22]. **Northern** [NKZ⁺20]. **Norway** [DOW⁺22, GOG⁺21, JQT20, MFP21, PBF⁺21, WJPS21]. **Norwegian** [AMJ⁺21, DWK⁺22, LEV⁺20, OSM22, SNT⁺22, TBK⁺20]. **Nothobranchius** [DŽR⁺21]. **notothenioid** [QGG⁺21, SDMO⁺20]. **Novel** [PGH⁺21, PRHW21, ASG⁺22, BMK⁺20, GKTC⁺21, HSG⁺21, LXW⁺21, MPP20a, WSW⁺20, Wel20, YCL⁺21, ZWZ⁺20]. **NP** [TASP⁺20]. **NS26** [LLJ⁺21]. **nucleic** [YDM⁺21]. **nucleoprotein** [AKR⁺21, TASP⁺20]. **Nucleospora** [KMH⁺21]. **nucleotide** [SNY⁺21]. **numbers** [PBF⁺21].

O. [PPT⁺20]. **O1** [Wel20]. **O1-specific** [Wel20]. **obscurus**

[FLH⁺21, KQW⁺21]. **observation** [YWZ⁺21]. **observed** [VDC20]. **occurrence** [JDA⁺20]. **occurring** [JLM⁺20]. **ocellatum** [ZHL⁺21]. **ocellatus** [dRRRPSR⁺21]. **Ochroconis** [LWK20]. **ocular** [SGR⁺20a]. **oedema** [BPA⁺21, MPP⁺20b]. **oil** [POS⁺20]. **oils** [ÖTG22, SMP⁺22]. **oleoresin** [MSF⁺20]. **olivaceus** [LFZ⁺21, SJK⁺21]. **olive** [SJK⁺21]. **OmpA** [BCT⁺20b]. **OmpU** [ZWZ⁺20]. **OmpU-A-II** [ZWZ⁺20]. **on-site** [YDM⁺21].

Oncorhynchus
[AMJ⁺21, BIK⁺21, BZQV21, ELB21, GSS⁺21, HSM⁺22, HHJ⁺21, JØM⁺20, JKM⁺20, KKBL21, LHH⁺22, LAH21, LFSB⁺21, LPL22, NKS⁺21, NLPM⁺21, ÖTG22, PPT⁺20, QGG⁺21, SM21, TBKY20, VIB⁺21, öTTS20].

Onion [ötTTS20]. **onites** [ÖTG22]. **Opportunities** [SAAB⁺21]. **optimal** [FSSF⁺20]. **Optimization** [DMB⁺21, GZL⁺21]. **oral** [DXD⁺21, MMTD⁺21]. **orally** [NRKK21]. **orange** [DXL⁺20a]. **orange-spotted** [DXL⁺20a].

Orchitophryidae [LLR⁺20]. **ordalii** [EBELIAH20, HSH⁺20]. **oregano** [ÖTG22]. **Oreochromis**
[BHEM21, DLS⁺21, DHSK⁺21, ESEI20, LCTC20, MKT⁺21, NKZ⁺20, PTK⁺21, PSKW22, PPWC20, RCC⁺21, SLPF⁺20, SWC21, XFL⁺21].

ORF121 [GZZ⁺22]. **ORF149** [MLGRF⁺20]. **ORF3** [YLC⁺21]. **ORF72** [WWK⁺20]. **orientalis** [PPWC20]. **Origanum** [ÖTG22]. **origin** [CTOH20]. **originating** [VPW⁺21]. **ornamental** [SBS⁺22]. **orthomyxovirus** [SRT⁺21]. **orthoreovirus** [MBJ20, SKR⁺20, PVC20, PPT⁺20, WHL⁺20]. **orthoreovirus-1** [SKR⁺20]. **Oryzias** [YWZ⁺21]. **Osphronemus** [GSJ⁺20, SRP⁺21]. **Osteichthyes** [SBVC21]. **osteoblastic** [SVP⁺21]. **osteosarcoma** [SVP⁺21]. **Ostrea** [BWH⁺20, BHT⁺20]. **outbreak** [CdPM⁺21, FMP⁺21, LWR⁺20]. **Outbreaks** [PSH⁺20, GVB⁺21, MPP⁺20b, SZH⁺22]. **Outer** [BCT⁺20b, EBELIAH20, ZWZ⁺20]. **Ovarian** [BBS⁺20, CZMP21]. **ovary** [FSW⁺21]. **overcome** [LHTW21]. **overproduction** [AHSB⁺22]. **Ovicidal** [SMP⁺22]. **oxidase** [FSW⁺21]. **oxidative** [BCT⁺20a]. **oxytetracycline** [IMAH21]. **ozonation** [TPSJS20b]. **Ozone** [DLS⁺21].

P60 [HCW⁺20]. **Pacifastacus** [BBD⁺22]. **Pacific** [BTN⁺21, HSH⁺20, LXW⁺21, TPSJS20a, TPSJS20b, WSW⁺20]. **Paddlefish** [OHL⁺20]. **paeoniflorin** [HLpSC22]. **pages** [RM20]. **pagrosomi** [CRWC22]. **pallasii** [HSH⁺20]. **Pampus** [ZHL⁺21]. **pancreas** [NKö⁺21, RTA21]. **pancreatic** [MPMB⁺20, TBKY20]. **Pangasianodon** [DXD⁺21, PNØ⁺21, PØN⁺21a, PØN⁺21b, PRC20]. **pansteatitis** [SLPF⁺20]. **pansteatitis-affected** [SLPF⁺20]. **papilloma** [SGU⁺21]. **papilloma-like** [SGU⁺21]. **parahaemolyticus** [GWL⁺21, MWH⁺21, WCT⁺20].

Paralichthys [LFZ⁺21, SJK⁺21]. **parameters** [JMA⁺22, MMTD⁺21, PSED⁺20, SMP⁺20, WMS21, dCJBG22].

Paramoeba [TKB⁺21]. **parasite** [BKM21, CRWC22, DWK⁺22, LNK⁺21, SCV⁺20, WBV⁺20]. **parasites** [MSF⁺20, MCA⁺20]. **Parasitic**

[YK21, CVDB⁺²¹, JØM⁺²⁰, LHH⁺²², NKS⁺²¹, NLH⁺²⁰]. **parasitica** [FSS⁺²¹, öTTS20]. **parasitizing** [KSI⁺²⁰, KBMD21]. **partial** [MPS⁺²²]. **partners** [MLGRF⁺²⁰]. **parvovirus** [YTS22]. **Pasteurella** [KKL⁺²², SRE⁺²¹]. **pathogen** [CLH⁺²¹, EBELIAH20, FdSB⁺²², GPC22, IMAH21, LAH21, LXW⁺²¹, XFL⁺²¹]. **pathogen-free** [FdSB⁺²²]. **Pathogenesis** [CCP⁺²¹, Din21]. **Pathogenic** [SMD⁺²⁰, WLH⁺²⁰, DCB20, DLS⁺²¹, LHLS20, MQK⁺²⁰, PCWC20, VLMS⁺²⁰]. **pathogenicity** [CTOH20, Cow20, HWZ⁺²¹, JLH⁺²¹, PPWC20, SWC21, ZTY⁺²²]. **pathogens** [ASA⁺²⁰, DBPH21, LEV⁺²⁰, SKO21, ZWZ⁺²⁰, ZLS⁺²¹]. **Pathological** [IAO20]. **pathology** [GKU21, KB21, MBS21, PRHW21, SPKS⁺²⁰, WBV⁺²⁰]. **pathway** [DXL^{+20a}]. **pathways** [LFL⁺²¹]. **pattern** [LDM⁺²⁰]. **Patterns** [OSM22, GOG⁺²¹, IMAH21, PNAS22]. **PCR** [CQG⁺²¹, GKTC⁺²¹, NK22, NLR21, TCS21, YTS22]. **PCR-RFLP** [NK22]. **pearl** [SAKC20]. **Pectinatella** [SMD⁺²⁰]. **PEG** [DZJ⁺²¹]. **PEG-modified** [DZJ⁺²¹]. **pelagic** [MCA⁺²⁰]. **Pelodiscus** [CRP⁺²¹]. **Penaeus** [Cow20, FMK⁺²¹, LXW⁺²¹, LDO⁺²¹, MWH⁺²¹, WSW⁺²⁰]. **peptidase** [HCW⁺²⁰]. **peptides** [PLS⁺²²]. **peracetic** [TPSJS20a]. **Perca** [KSI⁺²⁰, SMP⁺²⁰]. **perch** [JPC⁺²¹, KSI⁺²⁰, SMP⁺²⁰]. **Perciformes** [MRM21]. **Perciformes-Gobiidae** [MRM21]. **performance** [FCH^{+22b}, PØN^{+21b}]. **performed** [BLJ⁺²¹]. **performing** [GIS⁺²¹]. **perfringens** [BZP⁺²²]. **Perkinsus** [BCT^{+20a}]. **permease** [TCS21]. **peroxide** [VPW⁺²¹, WSS⁺²⁰]. **Perry** [BME⁺²⁰]. **persist** [DHSM⁺²⁰]. **Peru** [VLSM⁺²⁰]. **perurans** [BHS⁺²¹, CMM⁺²⁰, EBA⁺²¹, LHTW21, TKB⁺²¹]. **perurans-induced** [EBA⁺²¹]. **pet** [DBDSP20]. **Peters** [SLPF⁺²⁰]. **Phaeohyphomycosis** [GMK⁺²¹, ACGDO⁺²¹, PAS⁺²¹]. **phage** [DXD⁺²¹]. **pharmacokinetics** [RCC⁺²¹]. **phase** [GOG⁺²¹, JQT20]. **Phenotype** [SWC21]. **Phenotypic** [MLL⁺²², NKZ⁺²⁰, GPC22, GLS⁺²¹, KaVDH⁺²¹]. **philander** [IAO20]. **Philippines** [LCTC20]. **phoP** [SOE⁺²¹]. **phoQ** [SOE⁺²¹]. **Photobacterium** [ESEI20, PCWC20, WSW⁺²⁰]. **Phylogenetic** [MPMB⁺²⁰, GKTC⁺²¹, HAK⁺²⁰, TIK⁺²²]. **phylogenetics** [KB21]. **Physalia** [MBS21]. **physalis** [MBS21]. **physiological** [LDO⁺²¹, dCJBG22]. **physiology** [SGR^{+20b}]. **pilchard** [SRT⁺²¹]. **Pimephales** [LL21]. **Pinpointing** [VDD⁺²⁰]. **PirAB** [BGZW22]. **piRNAs** [ZDZZ22]. **piscicida** [CLS⁺²², LTW⁺²¹, LPGA⁺²¹, NLPM⁺²¹, PCWC20, SOE⁺²¹, YMC⁺²¹]. **piscidin** [PLS⁺²²]. **Piscine** [SBS⁺²², MBJ20, MLM⁺²⁰, PVC20, PPT⁺²⁰, SKR⁺²⁰, WHL⁺²⁰]. **Piscirickettsia** [DMH⁺²¹, FVC⁺²¹, LGP⁺²⁰, LAH21, LRG21, LGJ21, QGG⁺²¹, SDMO⁺²⁰, ZVB⁺²¹]. **piscirickettsiosis** [JLM⁺²⁰]. **pisciscarius** [CCP⁺²¹]. **plague** [SFKB⁺²⁰]. **planktonic** [TBB⁺²¹]. **plant** [LXW⁺²⁰]. **plasticity** [GLS⁺²¹]. **platform** [SSMC22]. **plecoglossicida** [HWZ⁺²¹, JLH⁺²¹, LWR⁺²⁰]. **Plecoglossus** [THH⁺²¹]. **Poaceae** [POS⁺²⁰]. **pocket** [TASP⁺²⁰]. **point** [CMM⁺²⁰, SZH⁺²²]. **point-of-care**

[CMM⁺20]. **Polish** [MPMB⁺20]. **polyculture** [DDHT⁺22]. **polymerase** [FCH⁺22a, QWL⁺21, WML⁺21]. **polymorphic** [CGA⁺20]. **polymorphism** [SNY⁺21]. **Polyopisthocotylea** [LFSB⁺21]. **Polypodium** [OHL⁺20]. **pomfret** [ZHL⁺21]. **pompano** [ASG⁺22]. **POMV** [SRT⁺21]. **ponds** [MWH⁺21, NKZ⁺20]. **population** [MPP20a, PSED⁺20, SBVC21]. **Portunus** [LLR⁺20]. **positive** [DOW⁺22]. **possible** [BTN⁺21, SPKS⁺20]. **Potential** [LDO⁺21, ABM⁺21, BCT⁺20b, BHEM21, CLS⁺22, LFL⁺21, MCA⁺20, PEŠ⁺20, QST⁺21, SOE⁺21, SFKB⁺20]. **prawn** [TAK⁺21]. **predators** [SFKB⁺20]. **predicting** [FK21]. **preference** [KKBL21]. **preferences** [BONB20]. **Preliminary** [JLH⁺21]. **presentation** [DXL⁺20a]. **presmolt** [PBF⁺21]. **Press** [RM20]. **pressure** [YK21]. **Prevalence** [MHP⁺20, WBV⁺20, ZGL⁺20]. **prevalent** [SGU⁺21]. **Prevention** [ÖTG22, öTTS20, HB20, SZH⁺22]. **primarily** [SNT⁺22]. **primary** [GSJ⁺20, NKö⁺21, SGR⁺20a]. **priming** [PSV⁺21]. **principal** [LLJ⁺21]. **probe** [KDS⁺21, YTS22]. **probe-based** [YTS22]. **Procamburus** [HSG⁺21, SCX⁺21, ZWX⁺22, ZLZ21]. **procedure** [GZL⁺21]. **process** [CFGCE21]. **production** [GOG⁺21, JQT20, LHTW21, MBJ20, SAAB⁺21]. **profile** [SMD⁺20]. **profiles** [ZDZZ22]. **profiling** [JPC⁺21]. **progeny** [WZG⁺20]. **proliferation** [LHH⁺22]. **proliferative** [LNK⁺21, RSPB22, SPM⁺20]. **promelas** [LL21]. **promising** [ZMZ⁺22]. **promoter** [YLC⁺21]. **prop** [FdSB⁺22]. **propagating** [MSB⁺21]. **propagation** [GSJ⁺20, KSM⁺21]. **properties** [SGR⁺20b]. **prophenoloxidase** [TAK⁺21]. **prophylactic** [ZZL⁺21]. **proPO** [TAK⁺21]. **Proposed** [GIS⁺21]. **protease** [AAZR⁺20]. **protect** [XJM⁺21]. **protection** [BMK⁺20, MPS⁺22, NRKK21, SLA⁺20]. **Protective** [DXD⁺21, ZZL⁺21]. **protein** [AHSB⁺22, BCT⁺20b, LGH⁺21, LLJ⁺21, LYF⁺21, MPS⁺22, MHA⁺20, MLGRF⁺20, NLL⁺21, PHS⁺20, WWK⁺20, ZWZ⁺20]. **protein-10** [MHA⁺20]. **proteinase** [IFI⁺21]. **proteins** [BGZW22, CdPM⁺21, FVC⁺21, HSM⁺22, NRKK21, QST⁺21, ZLZ21]. **proteolytic** [FVC⁺21]. **Proteomic** [AHSB⁺22, CdPM⁺21, LHLS20, QST⁺21, ZLZ21]. **protocol** [GIS⁺21]. **provides** [QST⁺21]. **Prudhoe** [MDAO22]. **PRV** [PPT⁺20]. **PRV-1** [PPT⁺20]. **Pseudocapillaria** [NLH⁺20, SSM⁺20]. **Pseudocrenilabrus** [IAO20]. **Pseudoloma** [FdSB⁺22, MVW⁺20]. **Pseudomonas** [HWZ⁺21, JLH⁺21, LWR⁺20]. **Pseudoparamoeba** [EBA⁺21]. **pseudoshottsii** [MHA⁺20]. **psychrophilum** [AHTCDI20, AHBE⁺20, BMK⁺20, BMJ⁺21, BMSC21, HSM⁺22, KKBL21, LPL22]. **psychrophilum-associated** [BMJ⁺21]. **public** [SBVC21]. **pufferfish** [FLH⁺21, KQW⁺21]. **punctatus** [SLA⁺20]. **Puntigrus** [CCP⁺21]. **putative** [GKU21, MLGRF⁺20]. **PVN02** [DXD⁺21].

qPCR [AMJ⁺21, DMH⁺21, LGP⁺20, SKR⁺20, SLE⁺20]. **QTL** [JØM⁺20]. **Quantification** [BMSC21, OKL⁺22, TCS21]. **Quantifying** [JMA⁺22, LYC⁺20]. **Quantitative**

[JØM⁺²⁰, NLR21, CQG⁺²¹, YTS22, ZLZ21]. **Quebec** [BSS⁺²⁰]. **quorum** [LRGAH21].

rA7 [LFL⁺²¹]. **Rafinesque** [LL21]. **Rahnella** [LHLS20]. **Rainbow** [öTTS20, AMJ⁺²¹, AKR⁺²¹, BIK⁺²¹, BZQV21, ELB21, GVB⁺²¹, HSM⁺²², HHJ⁺²¹, JØM⁺²⁰, JKM⁺²⁰, LFSB⁺²¹, LPW⁺²⁰, LPL22, ÖTG22, PPT⁺²⁰, QGG⁺²¹, SM21, TBKY20, VIB⁺²¹, YZM⁺²¹]. **range** [GLS⁺²¹]. **Rapid** [BHT⁺²⁰, CGA⁺²⁰, DDTG⁺²¹, FCH^{+22a}, LHH⁺²², ZHY⁺²¹, HZFT21, PTK⁺²¹, QWL⁺²¹, SSMC22, TBB⁺²¹, WCT⁺²⁰, YLW⁺²¹]. **rare** [TBB⁺²¹]. **rates** [NKS⁺²¹]. **ray** [DYN⁺²⁰, EGRD22]. **Real** [SKR⁺²⁰, MSB⁺²¹, QWL⁺²¹, TCS21]. **Real-time** [SKR⁺²⁰, MSB⁺²¹, QWL⁺²¹, TCS21]. **reared** [DŽR⁺²¹, FK21, JLM⁺²⁰, MHP⁺²⁰]. **rearing** [CLH⁺²¹, FCH^{+22b}, VSODB21]. **reasons** [YCS⁺²¹]. **recA** [OKL⁺²²]. **receptor** [YGC⁺²⁰]. **receptors** [CLH⁺²¹]. **recirculating** [BTN⁺²¹]. **recirculation** [TPSJS20a, TPSJS20b]. **recognition** [WWW⁺²¹]. **Recombinant** [NRKK21, LFL⁺²¹]. **recombinase** [FCH^{+22a}, QWL⁺²¹, WML⁺²¹]. **recombination** [CGA⁺²⁰]. **recovered** [LCTC20, VIB⁺²¹]. **recovery** [CVDB⁺²¹]. **Red** [GVB⁺²¹, GSS⁺²¹, CRWC22, GKU21, KDS⁺²¹, KB21, PSKW22, SCIAH21, VDC20, dRRRPSR⁺²¹, WAF⁺²¹]. **Rederivation** [FdSB⁺²²]. **redox** [YGC⁺²⁰]. **reduced** [BTN⁺²¹]. **reduces** [BKM21]. **reduction** [LXZ⁺²¹]. **Regan** [SCV⁺²⁰, SBB21]. **region** [CGA⁺²⁰, SMD⁺²⁰]. **registrations** [PNAS22]. **regulates** [GWL⁺²¹]. **regulating** [LFZ⁺²¹, YMC⁺²¹, ZTY⁺²²]. **regulation** [BMSC21, LFL⁺²¹, REB⁺²⁰, YCC⁺²¹]. **regulator** [LLJ⁺²¹]. **regulators** [MQK⁺²⁰]. **related** [CTOH20, EBBIAH21, JMA⁺²², MPA⁺²¹, NLL⁺²¹, RKL⁺²⁰]. **relative** [SMP⁺²⁰]. **Remembering** [Now21]. **Renibacterium** [AHSB⁺²², EBBIAH21, GIS⁺²¹]. **reovirus** [LLJ⁺²¹, YLW⁺²¹]. **replicated** [PNØ⁺²¹]. **replication** [LLJ⁺²¹, NKö⁺²¹, ZWX⁺²²]. **report** [CRWC22, DGB⁺²², GVB⁺²¹, LHLS20, VIB⁺²¹, VDC20, ZAG⁺²⁰]. **reproductively** [PZP⁺²⁰]. **rerio** [AHBE⁺²⁰, FdSB⁺²², JW22, KSS⁺²⁰, KMH⁺²¹, KH20, MSB⁺²¹, MVW⁺²⁰, PKF⁺²¹, SSM⁺²⁰, WLTZ21]. **Research** [NSP20, DBPH21, JW22, JLM⁺²⁰, KSS⁺²⁰, NLH⁺²⁰, WSW⁺²⁰]. **resembling** [VDC20]. **reservoir** [BDK⁺²¹, LHH⁺²²]. **reservoirs** [KB21, PEś⁺²⁰]. **resistance** [BIK⁺²¹, DBDSP20, DXL^{+20b}, JØM⁺²⁰, LPL22, MWH⁺²¹, PØN^{+21a}]. **resistant** [DLS⁺²¹]. **resolution** [CSVG⁺²²]. **Resource** [SSM⁺²⁰]. **response** [CLH⁺²¹, DZJ⁺²¹, GWL⁺²¹, HWZ⁺²¹, HSM⁺²², HWG⁺²¹, KQW⁺²¹, LFZ⁺²¹, LGH⁺²¹, MPPF21, MPS⁺²², NLL⁺²¹, SDMO⁺²⁰, WSS⁺²⁰, XFL⁺²¹, ZHL⁺²¹]. **responses** [BDK⁺²¹, BIK⁺²¹, CWB^{+20b}, CDY⁺²⁰, DWY⁺²⁰, RGS⁺²¹]. **restriction** [LL21]. **reticulata** [MSF⁺²⁰]. **retinopathy** [BPA⁺²⁰, ZMZ⁺²²]. **retrieved** [AHTCDI20, KSD⁺²⁰]. **Retrobulbar** [SAKC20]. **Retrospective**

[ACGDO⁺²¹, SSM⁺²⁰, DBDSP20, DVR⁺²⁰]. **returning** [MFP21]. **revealed** [SGR^{+20b}, LHLS20]. **reveals** [AHSB⁺²², DDDJ⁺²⁰, FSW⁺²¹, FMK⁺²¹, HWZ⁺²¹, JPC⁺²¹, XJM⁺²¹, YCS⁺²¹]. **Reverse** [KDS⁺²¹]. **Review** [CSE21, JDA⁺²⁰, KSS⁺²⁰, NSP20, RM20, ALDMLEM20, DVR⁺²⁰, DBPH21, EGRD22, SKO21, SBD21, ZGL⁺²⁰]. **RFLP** [NK22]. **RGNNV** [JPC⁺²¹, LDM⁺²⁰]. **rhabdovirus** [FCH^{+22a}, HWG⁺²¹, LFZ⁺²²]. **Rhine** [DHF⁺²²]. **Rhomboplites** [HB20]. **rice** [LFZ⁺²²]. **rice-field** [LFZ⁺²²]. **rich** [YLC⁺²¹]. **Richardson** [GMK⁺²¹]. **risk** [CMN⁺²⁰]. **risks** [BTN⁺²¹]. **Risso** [PZP⁺²⁰]. **River** [SCV⁺²⁰, WBM21, NKZ⁺²⁰]. **river-based** [NKZ⁺²⁰]. **riverine** [THH⁺²¹]. **rivers** [DHF⁺²²]. **RMS** [GVB⁺²¹]. **RNA** [HWZ⁺²¹, TASP⁺²⁰]. **RNA-binding** [TASP⁺²⁰]. **RNA-seq** [HWZ⁺²¹]. **RNAi** [HWZ⁺²¹]. **rockfish** [LWK20, NK22, PAS⁺²¹]. **rogercresseyi** [GLS⁺²¹, JMA⁺²², MCA⁺²⁰]. **rohita** [SMMM20]. **Role** [DXL^{+20a}, MQK⁺²⁰, VDD⁺²⁰, YMC⁺²¹, ZTY⁺²²]. **roles** [JPC⁺²¹, JLH⁺²¹, LDO⁺²¹]. **rosenbergii** [MWZ⁺²⁰, NRKK21, TAK⁺²¹]. **rostral** [KH20]. **rostrata** [YCL⁺²¹]. **round** [EGRD22]. **routes** [LDM⁺²⁰]. **RSIV** [SNY⁺²¹]. **RSIV-type** [SNY⁺²¹]. **RT** [KDS⁺²¹, AMJ⁺²¹, SKR⁺²⁰]. **RT-LAMP** [KDS⁺²¹]. **RT-qPCR** [AMJ⁺²¹, SKR⁺²⁰]. **RTgill** [LPW⁺²⁰]. **RTgill-W1** [LPW⁺²⁰]. **rubripes** [xCqXfL⁺²¹]. **ruckeri** [BLJ⁺²¹, BIK⁺²¹, SM21, VLMS⁺²⁰, Wel20, YZM⁺²¹]. **Rudolphi** [MFP21]. **rugosum** [IFI⁺²¹]. **running** [RSPB22]. **Russia** [SGU⁺²¹].

S.A [RM20]. **S1** [SKR⁺²⁰]. **safety** [BTN⁺²¹, MMTD⁺²¹]. **sagittata** [LFSB⁺²¹]. **salar** [BMJ⁺²¹, CWB^{+20b}, CdPM⁺²¹, DMH⁺²¹, FSFS⁺²⁰, FCH^{+22b}, FMP⁺²¹, GLS⁺²¹, JQT20, LGP⁺²⁰, LAH21, MBJ20, MLM⁺²⁰, MBS21, MFP21, PBF⁺²¹, PDP⁺²¹, SCIAH21, SRT⁺²¹, SNT⁺²², TBK⁺²⁰, WJPS21, WAF⁺²¹]. **salinity** [BTN⁺²¹, MWH⁺²¹, VSOB22]. **Salmincola** [LHH⁺²², NKS⁺²¹]. **Salmo** [BMJ⁺²¹, CWB^{+20b}, CdPM⁺²¹, DMH⁺²¹, FSFS⁺²⁰, FCH^{+22b}, FMP⁺²¹, GLS⁺²¹, JQT20, LGP⁺²⁰, LEV⁺²⁰, LAH21, LFSB⁺²¹, MBJ20, MLM⁺²⁰, MBS21, MFP21, PBF⁺²¹, PDP⁺²¹, SCIAH21, SRT⁺²¹, SVP⁺²¹, SNT⁺²², TBK⁺²⁰, WBB⁺²¹, WAF⁺²¹, WJPS21]. **salmoides** [BBG21, CYX⁺²², FCH^{+22a}, PPWC20]. **salmon** [ABM⁺²¹, AMJ⁺²¹, AHTCDI20, BHS⁺²¹, BMJ⁺²¹, BONB20, CGA⁺²⁰, CWB^{+20b}, CVDO⁺²⁰, CVDB⁺²¹, CdPM⁺²¹, DHSM⁺²⁰, DOW⁺²², DMH⁺²¹, DGB⁺²², EBA⁺²¹, FSFS⁺²⁰, FCH^{+22b}, FMP⁺²¹, GLS⁺²¹, GIS⁺²¹, JQT20, JSW⁺²¹, JLM⁺²⁰, KKBL21, LGP⁺²⁰, LNK⁺²¹, LHH⁺²², LFL⁺²¹, LGJ21, MBJ20, MLM⁺²⁰, MBS21, MFP21, NLPM⁺²¹, NKö⁺²¹, PSH⁺²¹, PBF⁺²¹, PNAS22, PDP⁺²¹, PPT⁺²⁰, RTA21, SCIAH21, SRT⁺²¹, SRE⁺²¹, SKR⁺²⁰, SNT⁺²², TBB⁺²¹, TASP⁺²⁰, TBK⁺²⁰, WJPS21, WAF⁺²¹, WSS⁺²⁰, NKS⁺²¹]. **salmonicida** [GPC22, WLH⁺²⁰, BLJ⁺²¹, DCB20, GPC22, KKL⁺²², LFL⁺²¹, LH20, PDM⁺²¹, PGH⁺²¹, VDD⁺²⁰, ZHY⁺²¹]. **salmonid** [ABM⁺²¹, AHCS20, DWK⁺²², LH20, MPMB⁺²⁰, OSM22, SSM⁺²¹, SPM⁺²⁰]. **salmonids** [GOG⁺²¹, IMAH21, JDA⁺²⁰, PRHW21, RSPB22]. **salmoninarum**

[AHSB⁺²², EBBIAH21, GIS⁺²¹, SEL⁺²⁰, SLE⁺²⁰]. **salmonis**
 [CWB^{+20b}, DHSM⁺²⁰, DMH⁺²¹, FVC⁺²¹, LGP⁺²⁰, LAH21, LRGAH21,
 LGJ21, PSH⁺²¹, PDP⁺²¹, QGG⁺²¹, SDMO⁺²⁰, VPW⁺²¹, ZVB⁺²¹].
Salvelinus [BMJ⁺²¹, SGU⁺²¹, SEL⁺²⁰]. **sample** [ZLS⁺²¹]. **samples**
 [CQG⁺²¹, CSDS21, UCB⁺²¹]. **sandwich** [LWH⁺²¹]. **Saprolegnia**
 [FSS⁺²¹, öTTS20]. **Saprolegniasis** [ÖTG22]. **sativum** [ötTS20]. **Sauvage**
 [PRC20]. **saxatilis** [FFB⁺²¹]. **scale**
 [CSDS21, PSV⁺²¹, SAAB⁺²¹, SSMC22, SRP⁺²¹, KSD⁺²⁰]. **scanning**
 [MDAO22, SMMM20]. **Scavenger** [SBD21]. **Schlegel** [SJK⁺²¹, THH⁺²¹].
Sciaenops [dRRRPSR⁺²¹]. **scientific** [JW22]. **scophthalmi** [OKL⁺²²].
Scophthalmus [WMS21]. **scoring** [GSS⁺²¹]. **SCPCs** [NKö⁺²¹]. **screening**
 [LXW⁺²⁰, LdL20]. **Scylla** [MSS⁺²⁰]. **SDDV** [KSD⁺²⁰, PSV⁺²¹]. **sea**
 [BONB20, CSDS21, GLS⁺²¹, JPC⁺²¹, LDM⁺²⁰, LEV⁺²⁰, LjY⁺²², MFP21,
 MCA⁺²⁰, PSH⁺²¹, REB⁺²⁰, SNT⁺²², SSMC22, YK21, ZVB⁺²¹, DXL^{+20b},
 WAF⁺²¹]. **seabass** [BBS⁺²⁰, NCA⁺²⁰, PTW21, PPWC20]. **seabream**
 [CSGB⁺²¹, CSVG⁺²², CFGCCE21, FEM⁺²⁰, FK21]. **search** [SPKS⁺²⁰].
Seawater [SRT⁺²¹, JQT20, MWH⁺²¹, TPSJS20a, TBK⁺²⁰].
seawater-farmed [TBK⁺²⁰]. **Sebastes** [PAS⁺²¹]. **sebastis** [NK22].
Sebastiscus [LWK20]. **secreted** [HWC⁺²¹, MHA⁺²⁰]. **secreting**
 [CSVG⁺²²]. **secretion** [KBMD21]. **secretory** [PHS⁺²⁰]. **sectional** [MBJ20].
seedling [SZH⁺²²]. **segment** [SKR⁺²⁰]. **segmental** [CGA⁺²⁰]. **semi**
 [CQG⁺²¹]. **semi-quantitative** [CQG⁺²¹]. **semilaevis** [ZDZZ22].
senegalensis [VSODB21]. **Senegalese** [VSODB21]. **sensing** [LRGAH21].
sensitive [SSMC22]. **sensitivity** [CTOH20, LGP⁺²⁰, VLMS⁺²⁰].
septicaemia
 [AKR⁺²¹, AAZR⁺²⁰, ASF⁺²¹, DXD⁺²¹, HAK⁺²⁰, LL21, RZTV21, UCB⁺²¹].
seq [HWZ⁺²¹]. **sequence** [CGA⁺²⁰, KSD⁺²⁰, KKBL21, TIK⁺²²].
sequence-based [TIK⁺²²]. **sequences** [SCIAH21, SKR⁺²⁰, YLC⁺²¹].
sequencing [DDTG⁺²¹, FSW⁺²¹, FMK⁺²¹, HAK⁺²⁰]. **Series**
 [NSP20, DVR⁺²⁰]. **Seriola** [PZP⁺²⁰]. **seriolae**
 [HCW⁺²⁰, HWC⁺²¹, WHC⁺²¹, dRRRPSR⁺²¹]. **Serological**
 [AHTCDI20, BDK⁺²¹]. **serotype** [Wel20]. **serrata** [MSS⁺²⁰]. **serum**
 [CdPM⁺²¹]. **seven** [EGRD22, WMS21]. **Severe** [BZP⁺²², PSH⁺²⁰].
severity [EBA⁺²¹, JLM⁺²⁰]. **sex** [BBS⁺²⁰]. **SGIV** [LXW⁺²⁰]. **shape**
 [FK21]. **shark** [RZTV21]. **sharptooth** [MDAO22]. **sheath** [BZQV21]. **SHK**
 [EBBIAH21, FVC⁺²¹]. **SHK-1** [EBBIAH21, FVC⁺²¹]. **showed** [AKR⁺²¹].
shrimp [BGZW22, BTN⁺²¹, CMN⁺²⁰, Cow20, FMK⁺²¹, LXW⁺²¹,
 LGH⁺²¹, SZH⁺²², TPSJS20a, TPSJS20b, WSW⁺²⁰, WML⁺²¹, YDM⁺²¹].
Siamese [SBB21]. **sidoides** [SMP⁺²²]. **sign** [SLA⁺²⁰]. **signal**
 [BBD⁺²², LTW⁺²¹, TBB⁺²¹]. **significantly** [FMK⁺²¹]. **signs** [ZAG⁺²⁰].
Silencing [TAK⁺²¹]. **silver** [ZHL⁺²¹]. **Simple** [FK21]. **simplex** [MFP21].
Simultaneous [WML⁺²¹, ZLS⁺²¹]. **sinensis**
 [CRP⁺²¹, DWY⁺²⁰, Din21, MLL⁺²², ZGL⁺²⁰]. **single** [SNY⁺²¹].
Siniperca [HWG⁺²¹]. **site** [YDM⁺²¹]. **sites** [PSH⁺²¹]. **situ** [GKTC⁺²¹].

Skeletal [MRM21, PKF⁺²¹, SKR⁺²⁰]. **Skin** [HSM⁺²², WAF⁺²¹, CSVG⁺²², CFGCCE21, JSW⁺²¹, KaVDH⁺²¹, LAH21, MDAO22, MBS21, SGU⁺²¹, VDD⁺²⁰]. **Slovak** [MPP^{+20b}]. **smallmouth** [WBM21]. **Smith** [RM20]. **snapper** [CRWC22, GKU21, HB20]. **snapshot** [BONB20]. **SNP** [SNY⁺²¹]. **snubnose** [ASG⁺²²]. **sobria** [LH20]. **SOD** [HWC⁺²¹]. **softshell** [CRP⁺²¹]. **solani** [BME⁺²⁰]. **sole** [VSODB21]. **Solea** [VSODB21]. **some** [KKBL21]. **sore** [KB21]. **Sounds** [JSW⁺²¹]. **south** [KRS⁺²⁰, DXL^{+20b}, KB21, SMD⁺²⁰, SLPF⁺²⁰, ZGL⁺²⁰]. **South-East** [ZGL⁺²⁰]. **south-eastern** [KRS⁺²⁰, KB21]. **southern** [GLS⁺²¹, VLMS⁺²⁰]. **soya** [RGS⁺²¹]. **sp** [BMO⁺²⁰, EBA⁺²¹, JKM⁺²⁰, KMH⁺²¹, LLR⁺²⁰, PAS⁺²¹, POS⁺²⁰, PSKW22, SGR^{+20a}, VBG⁺²²]. **Sparus** [CSGB⁺²¹, CSVG⁺²², CFGCCE21, FEM⁺²⁰, FK21]. **Spatio** [JQT20]. **Spatio-temporal** [JQT20]. **SPDV** [NKö⁺²¹]. **species** [AHCSCI20, DDHT⁺²², DVR⁺²⁰, GKU21, GKTC⁺²¹, LCTC20, LGJ21, OSM22, PEś⁺²⁰, PCWC20, SPM⁺²⁰]. **specific** [GZZ⁺²², KKBL21, SM21, Wel20, WWK⁺²⁰]. **specificity** [LGP⁺²⁰]. **specimens** [CSVG⁺²², EGRD22]. **sperm** [FdSB⁺²²]. **spermatogenic** [NCA⁺²⁰]. **spheroid** [FSS⁺²¹]. **spinal** [PSKW22]. **spleen** [GSJ⁺²⁰, SRP⁺²¹]. **splendens** [SBB21]. **splendidus** [CTOH20]. **splendidus-related** [CTOH20]. **splitnose** [PAS⁺²¹]. **Spontaneous** [DVR⁺²⁰]. **sportfishes** [KB21]. **spot** [HLpSC22, SZH⁺²², SCX⁺²¹, TAK⁺²¹, ZWX⁺²², ZLZ21]. **spotted** [DXL^{+20a}, DYN⁺²⁰]. **spp** [BTN⁺²¹, BPA⁺²⁰, BMK⁺²⁰, NKZ⁺²⁰, REB⁺²⁰, SMD⁺²⁰, SRE⁺²¹, SWC21, ZAG⁺²⁰]. **spring** [DZJ⁺²¹, GZL⁺²¹, ZZL⁺²¹]. **Stability** [UCB⁺²¹]. **stages** [BKM21, CVDO⁺²⁰, MCA⁺²⁰, TBB⁺²¹]. **Stannius** [SAKC20]. **Staphylococcus** [WWW⁺²¹]. **starting** [SZH⁺²²]. **starving** [BZP⁺²²]. **States** [KRS⁺²⁰, KB21]. **status** [CSGB⁺²¹, SM21]. **stimulated** [CLH⁺²¹]. **stimulates** [LFA20]. **stitch** [TBK⁺²⁰]. **stocking** [SMP⁺²⁰]. **story** [SRN20]. **strain** [BMSC21, YZM⁺²¹, ZTY⁺²²]. **strains** [BMK⁺²⁰, BCT^{+20b}, CTOH20, MWH⁺²¹, SDMO⁺²⁰, YCS⁺²¹]. **strategy** [ABM⁺²¹]. **streptococcal** [LCTC20]. **streptococcosis** [SEL⁺²⁰]. **Streptococcus** [MWY⁺²⁰, NKZ⁺²⁰, PHS⁺²⁰, PTK⁺²¹, PTW21, PSKW22, PSH⁺²⁰, SWC21, TCS21, XFL⁺²¹, ZHpT⁺²⁰]. **stress** [BCT^{+20a}, LDO⁺²¹]. **strip** [HZFT21, WCT⁺²⁰]. **striped** [DXD⁺²¹, FFB⁺²¹, PNØ⁺²¹, PØN^{+21a}, PØN^{+21b}, PRC20]. **stromal** [BBS⁺²⁰]. **strong** [FEM⁺²⁰, MPS⁺²²]. **structurally** [BGZW22]. **structure** [BGZW22, LGH⁺²¹]. **studies** [ASG⁺²², DMB⁺²¹, FSS⁺²¹, JLH⁺²¹, MSB⁺²¹]. **study** [ACGDO⁺²¹, CFGCCE21, DBDSP20, KBMD21, MBJ20, PEś⁺²⁰, PNØ⁺²¹, SPM⁺²⁰, TASP⁺²⁰, WHC⁺²¹, WAF⁺²¹]. **sturgeon** [GMK⁺²¹, PSH⁺²⁰, RBP^{+20b}]. **sturgeons** [BZP⁺²²]. **sub** [QGG⁺²¹, SDMO⁺²⁰]. **sub-Antarctic** [QGG⁺²¹, SDMO⁺²⁰]. **subclinical** [PTW21]. **subcutaneous** [CSGB⁺²¹, CSVG⁺²², RZTV21]. **subdued** [RGS⁺²¹]. **subsp** [WSW⁺²⁰, GPC22, PCWC20, WLH⁺²⁰]. **subunit**

[DZJ⁺²¹, GZL⁺²¹]. **successful** [DGB⁺²²]. **suggest** [GKTC⁺²¹]. **suggests** [CGA⁺²⁰, GLS⁺²¹]. **superoxide** [HWC⁺²¹]. **surrounding** [SMD⁺²⁰]. **surveillance** [DDDJ⁺²⁰, DMH⁺²¹]. **survivability** [DLS⁺²¹]. **survival** [PØN^{+21b}]. **susceptibilities** [PNØ⁺²¹]. **Susceptibility** [JVM⁺²⁰, LFZ⁺²², FFB⁺²¹, GIS⁺²¹, IMAH21, JW22, LWK20, LGJ21, MLL⁺²², PDP⁺²¹, PØN^{+21b}, SPM⁺²⁰]. **susceptible** [HSH⁺²⁰, TAK⁺²¹]. **swab** [FSFS⁺²⁰]. **SWCNTs** [GZL⁺²¹]. **SWCNTs-based** [GZL⁺²¹]. **swimming** [LLR⁺²⁰]. **switching** [CGA⁺²⁰]. **Switzerland** [DBDSP20, SPKS⁺²⁰]. **sympatric** [LNK⁺²¹]. **syndrome** [CdPM⁺²¹, FMP⁺²¹, GVB⁺²¹, GSS⁺²¹, HLPSC22, NCA⁺²⁰, SPKS⁺²⁰, SZH⁺²², SCX⁺²¹, TAK⁺²¹, VDC20, WBM21, ZWX⁺²², ZLZ21]. **syndromes** [JSW⁺²¹]. **syngnathid** [DVR⁺²⁰]. **system** [FSS⁺²¹, SFKB⁺²⁰, TPSJS20a, TPSJS20b, TASP⁺²⁰]. **systematic** [ZGL⁺²⁰]. **systematization** [DBPH21]. **Systemic** [PAS⁺²¹]. **systems** [BTN⁺²¹, DDHT⁺²², LEV⁺²⁰, MHP⁺²⁰].

T [YGC⁺²⁰]. **T-cell** [YGC⁺²⁰]. **T**. [NLR21]. **T3SS** [LTW⁺²¹]. **T6SSs** [JLH⁺²¹]. **Tail** [NRKK21]. **Taiwan** [CRP⁺²¹, CRWC22, PCWC20, SWC21]. **Takifugu** [xCqXfL⁺²¹, FLH⁺²¹, KQW⁺²¹]. **tank** [JLM⁺²⁰]. **tank-reared** [JLM⁺²⁰]. **tanks** [PNØ⁺²¹]. **Tapeworms** [SKO21]. **TaqMan** [YTS22]. **targets** [CLS⁺²², QST⁺²¹]. **Tasmanian** [FCH^{+22b}]. **Taylor** [RM20]. **tegumental** [KBMD21]. **teleost** [KH20]. **Temminck** [SJK⁺²¹, THH⁺²¹]. **temperature** [CLH⁺²¹, DHSM⁺²⁰, FCH^{+22b}, LWR⁺²⁰, LDO⁺²¹, LYC⁺²⁰, PSED⁺²⁰, VSOB22, WBB⁺²¹, WSS⁺²⁰]. **template** [CGA⁺²⁰]. **temporal** [JQT20, LNK⁺²¹]. **Tenacibaculosis** [SNT⁺²², AHCSCI20, IAH21]. **Tenacibaculum** [AHCSCI20, IAH21, IMAH21, NLR21, SCIAH21, SNT⁺²², VIB⁺²¹]. **terminal** [WWW⁺²¹]. **terminalis** [ZHpT⁺²⁰]. **test** [HZFT21, PNØ⁺²¹, WCT⁺²⁰]. **tested** [PØN^{+21b}]. **Testicular** [NCA⁺²⁰, MPP20a]. **testing** [GIS⁺²¹]. **tests** [BLJ⁺²¹, GPC22]. **Tetracapsuloides** [OSM22, SSM⁺²¹, WBB⁺²¹]. **tetrazona** [CCP⁺²¹]. **Thailand** [NKZ⁺²⁰]. **their** [ASG⁺²², ASA⁺²⁰, CTOH20, CLS⁺²², DWY⁺²⁰, KKBL21, SPM⁺²⁰]. **them** [TAK⁺²¹]. **therapeutic** [ZMZ⁺²²]. **thou** [BONB20]. **threaten** [ZOZ⁺²⁰]. **three** [DWY⁺²⁰, LGJ21, OSM22, ZWZ⁺²⁰]. **throughout** [MWZ⁺²⁰]. **throughput** [LXW⁺²⁰]. **Thunnus** [WBV⁺²⁰]. **thynnus** [WBV⁺²⁰]. **tiger** [CCP⁺²¹, FMK⁺²¹]. **Tilapia** [SRN20, ALDMLEM20, BHEM21, DDDJ⁺²⁰, DDHT⁺²², DDTG⁺²¹, DLS⁺²¹, DHSK⁺²¹, ESEI20, KDS⁺²¹, LCTC20, MPS⁺²², MKT⁺²¹, NKZ⁺²⁰, NLL⁺²¹, PHS⁺²⁰, PTK⁺²¹, PSKW22, PPWC20, RCC⁺²¹, SLPF⁺²⁰, SWC21, XFL⁺²¹, YTS22, DDHT⁺²², DHSK⁺²¹, MKT⁺²¹]. **tilapine** [DDHT⁺²²]. **tilapinevirus** [DHSK⁺²¹, MKT⁺²¹]. **TiLV** [DDDJ⁺²⁰, DDTG⁺²¹, KDS⁺²¹]. **time** [MSB⁺²¹, PSED⁺²⁰, QWL⁺²¹, SKR⁺²⁰, TCS21]. **Tissue**

[SM21, FYH⁺²¹, MMTD⁺²¹, MSB⁺²¹]. **Tissue-specific** [SM21]. **tissues** [LDM⁺²⁰, NLH⁺²⁰]. **Tisza** [SCV⁺²⁰]. **TNF** [KQW⁺²¹]. **TNF-** [KQW⁺²¹]. **Tobago** [SBS⁺²²]. **tolerance** [GWL⁺²¹]. **Toll** [LGH⁺²¹, CLH⁺²¹]. **Toll-like** [CLH⁺²¹]. **tomentosa** [NLH⁺²⁰, SSM⁺²⁰]. **tool** [CMM⁺²⁰, KH20]. **tools** [DMB⁺²¹]. **toxicity** [BGZW22]. **toxicosis** [GKU21]. **toxin** [BGZW22, WCT⁺²⁰]. **Trachinotus** [ASG⁺²²]. **tract** [KSI⁺²⁰, KH20]. **trade** [SBS⁺²²]. **trait** [JØM⁺²⁰, MRM21]. **transcription** [KDS⁺²¹, SDMO⁺²⁰]. **transcriptional** [DWY⁺²⁰]. **Transcriptome** [xCqXfL⁺²¹, HWG⁺²¹, MWH⁺²¹, MVW⁺²⁰, RGS⁺²¹, XJM⁺²¹]. **transfer** [WZG⁺²⁰]. **translocation** [LTW⁺²¹]. **transmission** [BHT⁺²⁰, CMN⁺²⁰, LCYL20, LYC⁺²⁰, MLM⁺²⁰, PSED⁺²⁰, QGG⁺²¹, SRT⁺²¹, SLE⁺²⁰, SFKB⁺²⁰]. **transmontanus** [GMK⁺²¹, PSH⁺²⁰]. **Trauma** [HB20]. **Trauma-induced** [HB20]. **treatment** [KKL⁺²², MMTD⁺²¹, VPW⁺²¹, WSS⁺²⁰, HB20]. **treatments** [DLS⁺²¹, WJPS21]. **Trichlorfon** [dCJBG22]. **Trichopodus** [SAKC20]. **Trinidad** [SBS⁺²²]. **trituberculatus** [LLR⁺²⁰]. **trivalent** [ZWZ⁺²⁰]. **tropism** [MSB⁺²¹, SLE⁺²⁰]. **Trout** [ötTS20, AMJ⁺²¹, AKR⁺²¹, ASF⁺²¹, BIK⁺²¹, BZQV21, BMJ⁺²¹, ELB21, GVB⁺²¹, GSS⁺²¹, HSM⁺²², HHJ⁺²¹, JØM⁺²⁰, JKM⁺²⁰, KRS⁺²⁰, LNK⁺²¹, LEV⁺²⁰, LFSB⁺²¹, LPW⁺²⁰, LPL22, ÖTG22, PPT⁺²⁰, QGG⁺²¹, SPKS⁺²⁰, SM21, SVP⁺²¹, SEL⁺²⁰, TBKY20, VIB⁺²¹, WBB⁺²¹, YZM⁺²¹]. **Trpm4** [LFZ⁺²¹]. **trutta** [LEV⁺²⁰, LFSB⁺²¹, WBB⁺²¹]. **tshawytscha** [NKS⁺²¹, NLPM⁺²¹, PPT⁺²⁰]. **tumor** [BZQV21]. **tumour** [BBS⁺²⁰]. **tumours** [STB⁺²¹]. **tuna** [WBV⁺²⁰]. **turbot** [WLH⁺²⁰, WMS21, REB⁺²⁰]. **Turkish** [TIK⁺²²]. **turtle** [CRP⁺²¹]. **twins** [YWZ⁺²¹]. **Two** [DDDJ⁺²⁰, CTOH20, LEV⁺²⁰, MWH⁺²¹, SDMO⁺²⁰]. **Two-year** [DDDJ⁺²⁰]. **type** [FdSB⁺²², PDM⁺²¹, SNY⁺²¹, ZYZ⁺²⁰, MQK⁺²⁰]. **Typha** [SCX⁺²¹]. **typing** [KKBL21].

UhpA [YMC⁺²¹]. **Ukraine** [RBP^{+20b}]. **ulcerations** [VDD⁺²⁰]. **ulcerative** [WBM21]. **Ultrasonography** [CFGCC21]. **Ultrastructural** [NKö⁺²¹, KBMD21]. **underlying** [QST⁺²¹]. **understated** [DBDSP20]. **unique** [TBB⁺²¹, XJM⁺²¹]. **United** [KB21, KRS⁺²⁰]. **update** [AHTCDI20]. **updated** [KRS⁺²⁰]. **upon** [CMN⁺²⁰, YCC⁺²¹]. **upregulates** [LFA20]. **uptake** [AHSB⁺²²]. **USA** [ZAG⁺²⁰, GMK⁺²¹, SEL⁺²⁰, WBM21]. **usage** [PKF⁺²¹]. **Use** [ötTS20, FSFS⁺²⁰, LEV⁺²⁰, LdL20, PNØ⁺²¹]. **used** [JW22]. **uses** [CZMP21]. **using** [AHTCDI20, DDTG⁺²¹, DMH⁺²¹, DGB⁺²², FCH^{+22a}, FdSB⁺²², NKö⁺²¹, ÖTG22, PNAS22, RCC⁺²¹, TCS21, ZLS⁺²¹]. **UV** [TPSJS20b].

V [PDM⁺²¹]. **V.** [HSH⁺²⁰]. **vaccination** [FYH⁺²¹, HSM⁺²², LCYL20]. **vaccine** [BMK⁺²⁰, CLS⁺²², DZJ⁺²¹, GZL⁺²¹, LTW⁺²¹, LH20, RBP^{+20a}, SOE⁺²¹, ZZL⁺²¹]. **vaccines** [MKT⁺²¹, RTA21, YZM⁺²¹, IZWC⁺²⁰]. **Vagococcus** [SEL⁺²⁰, SLE⁺²⁰]. **Valenciennes** [SDMO⁺²⁰]. **value** [CSE21].

Vanillic [LXZ⁺²¹]. **vannamei** [BTN⁺²¹, CMN⁺²⁰, HLpSC22, LXW⁺²¹, LDO⁺²¹, LGH⁺²¹, MWH⁺²¹, TPSJS20a, TPSJS20b, WSW⁺²⁰]. **Vannella** [JKM⁺²⁰]. **vapA** [PDM⁺²¹]. **var** [SGR^{+20a}]. **varia** [BCT^{+20a}]. **variability** [GLS⁺²¹, LPGA⁺²¹]. **variance** [FEM⁺²⁰]. **variant** [DGB⁺²²]. **variation** [LYC⁺²⁰]. **Variations** [PBF⁺²¹, ELB21, JQT20, MRM21]. **varies** [MWZ⁺²⁰]. **various** [AAZR⁺²⁰, UCB⁺²¹]. **vermilion** [HB20]. **Vermont** [BSS⁺²⁰]. **Vermont/Quebec** [BSS⁺²⁰]. **Veronaea** [GMK⁺²¹]. **veronii** [YCS⁺²¹, ZJF⁺²²]. **versus** [DZR⁺²¹]. **vertebra** [JVM⁺²⁰]. **vertebra-derived** [JVM⁺²⁰]. **vertebrae** [TBK⁺²⁰]. **Vertebral** [TBK⁺²⁰]. **Vertebrate** [LFA20]. **vertical** [MLM⁺²⁰]. **verum** [LYX⁺²⁰]. **vesicles** [EBELIAH20, EBBIAH21]. **VHS** [MSB⁺²¹]. **VHSV** [LPW⁺²⁰]. **VI** [PDM⁺²¹]. **via** [DXD⁺²¹]. **viability** [DMB⁺²¹, VSOB22]. **Vibrio** [BTN⁺²¹, BCT^{+20b}, CTOH20, CDY⁺²⁰, DXL^{+20b}, EBELIAH20, FMK⁺²¹, FYH⁺²¹, GKTC⁺²¹, GWL⁺²¹, HSH⁺²⁰, KKL⁺²², LXW⁺²¹, LXZ⁺²¹, MWH⁺²¹, OKL⁺²², WMS21, WCT⁺²⁰, ZTY⁺²², ZDZZ22]. **vibriosis** [FMK⁺²¹, HSH⁺²⁰]. **vibriosis-infected** [FMK⁺²¹]. **Vietnam** [PEN⁺²¹]. **Violacein** [VBG⁺²²]. **viraemia** [DZJ⁺²¹, GZL⁺²¹, ZZL⁺²¹]. **Viral** [BPA⁺²⁰, AKR⁺²¹, AAZR⁺²⁰, ASF⁺²¹, HAK⁺²⁰, LL21, LLJ⁺²¹, LYF⁺²¹, NRKK21, TBKY20, TASP⁺²⁰, UCB⁺²¹, WXM⁺²², WWK⁺²⁰, ZLS⁺²¹, ZMZ⁺²²]. **Virginia** [WBM21]. **virological** [ASG⁺²²]. **virology** [LjY⁺²²]. **Virucidal** [AAZR⁺²⁰]. **Virulence** [ELB21, SOE⁺²¹, VGW⁺²¹, AKR⁺²¹, BCT^{+20b}, CRP⁺²¹, DXL^{+20b}, FVC⁺²¹, GPC22, LLR⁺²⁰, LPGA⁺²¹, NLPM⁺²¹, RKL⁺²⁰, SCIAH21, TIK⁺²², Wel20, YCS⁺²¹, YMC⁺²¹, ZJF⁺²², IZWC⁺²⁰]. **virulence-neutralizing** [Wel20]. **virulence-related** [RKL⁺²⁰]. **virulent** [BMSC21]. **Virus** [DHF⁺²², AMJ⁺²¹, AKR⁺²¹, AAZR⁺²⁰, ASF⁺²¹, BPA⁺²¹, CYX⁺²², CGA⁺²⁰, CSDS21, Cow20, DDDJ⁺²⁰, DDTG⁺²¹, DGB⁺²², DZJ⁺²¹, GZL⁺²¹, HZFT21, HLpSC22, HSG⁺²¹, HAK⁺²⁰, KDS⁺²¹, KSM⁺²¹, LL21, LGH⁺²¹, LCYL20, MPPF21, MPMB⁺²⁰, MSB⁺²¹, MPA⁺²¹, MPP^{+20b}, MLM⁺²⁰, NKö⁺²¹, PSV⁺²¹, SZH⁺²², SSMC22, SCX⁺²¹, SRN20, SRP⁺²¹, TBKY20, TAK⁺²¹, UCB⁺²¹, VSODB21, VSOB22, YLC⁺²¹, ZWX⁺²², ZZL⁺²¹, ZLZ21, ZOZ⁺²⁰, DDHT⁺²², KSD⁺²⁰]. **virus-associated** [SRP⁺²¹]. **virus-related** [MPA⁺²¹]. **viruses** [DWY⁺²⁰]. **visceral** [LWR⁺²⁰]. **viscosa** [CWB^{+20b}]. **visual** [FCH^{+22a}, KDS⁺²¹, PTK⁺²¹, WML⁺²¹, ZHY⁺²¹]. **visualization** [PSV⁺²¹]. **visualized** [YDM⁺²¹]. **vitro** [ASA⁺²⁰, FSS⁺²¹, FdSB⁺²², JKM⁺²⁰, KSM⁺²¹, LAH21]. **VP2** [TIK⁺²²].

W1 [LPW⁺²⁰]. **Walbaum** [AMJ⁺²¹, BZQV21, GSS⁺²¹, HHJ⁺²¹, LHH⁺²²]. **wall** [HCW⁺²⁰]. **warm** [SFKB⁺²⁰]. **warm-blooded** [SFKB⁺²⁰]. **was** [DDHT⁺²²]. **Wastes** [öTTS20]. **Water** [PSED⁺²⁰, TPSJS20b, BTN⁺²¹, LWR⁺²⁰, SMD⁺²⁰, SJK⁺²¹, SNT⁺²², UCB⁺²¹, VSOB22, WBB⁺²¹]. **waters** [MFP21, RSPB22]. **weather** [ZYZ⁺²⁰]. **Weber** [IAO20]. **weight** [MFP21, PØN^{+21b}]. **West** [WBM21]. **western** [JLM⁺²⁰]. **Westphalian**

[DHF⁺22]. **Where** [BONB20]. **which** [HCW⁺20, HWC⁺21]. **whirling** [KRS⁺20]. **white** [BTN⁺21, FFB⁺21, GMK⁺21, HLPSC22, LWR⁺20, LXW⁺21, PSH⁺20, SZH⁺22, SCX⁺21, TPSJS20a, TPSJS20b, TAK⁺21, WSW⁺20, ZWX⁺22, ZLZ21, NRKK21]. **whiteleg** [LGH⁺21]. **whitespotted** [SGU⁺21]. **Whole** [HAK⁺20]. **Whole-genome** [HAK⁺20]. **wide** [CLH⁺21, DDDJ⁺20, GLS⁺21, RKL⁺20]. **wild** [BPA⁺20, FdSB⁺22, JDA⁺20, KRS⁺20, LNK⁺21, MPP20a, MPA⁺21, PVC20, QGG⁺21, SPKS⁺20, VDC20, ZAG⁺20]. **wild-caught** [KRS⁺20, VDC20]. **wild-type** [FdSB⁺22]. **Wisconsin** [SEL⁺20]. **within** [DDHT⁺22, PSH⁺21]. **without** [MSF⁺20]. **wound** [CFGCE21]. **wrasse** [PDM⁺21, PGH⁺21]. **WSSV** [TAK⁺21, ZLZ21, CMN⁺20]. **WSSV-infected** [CMN⁺20]. **wuhanensis** [KB21].

x [DWK⁺22]. **x-cell** [DWK⁺22].

Yamaguti [CRWC22]. **year** [DDDJ⁺20]. **yeast** [RGS⁺21]. **yellow** [LWR⁺20, LLC⁺21]. **yellowfin** [LjY⁺22]. **Yersinia** [BLJ⁺21, BIK⁺21, SM21, VLMS⁺20, Wel20, YZM⁺21]. **young** [FMP⁺21].

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