

-Scil scict024522.4 | OG0 | Leuniv\_Lniv\_C776432\_01 | OG0 | •Lcom\_lcpid21676 | OG0 | Gracom Gcom C560830 01 | OG0 | Leuniv Lniv scaffold6135 01 | OG0 | <sup>1001</sup>•Leuniv Lniv\_scaffold6136\_01 | OG0 | •Codhol\_EP00042\_Codosiga\_hollandica\_P053484 | OG0 | Salinf EP00049 Salpingoeca\_infusionum\_P008376 | OG0 | Sros EGD80536 | OG0 | Sros EGD74415 | OG0 | Microa EP00043 Microstomoeca roanoka P013540 | OG0 | •Mbre EDQ91523 | OG0 | Chofle\_EP00730\_Choanoeca\_flexa\_P010414 | OG0 | •Chofle EP00730 Choanoeca flexa P009235 | OG0 | Choper EP00045 Choanoeca perplexa P017050 | OG0 | Didcos\_EP00039\_Didymoeca\_costata\_P002248 | OG0 | Diagra\_EP00040\_Diaphanoeca\_grandis\_P029148 | OG0 | Stedip\_EP00041\_Stephanoeca\_diplocostata\_P037001 | OG0 | •Helnan EP00037 Helgoeca nana P029733 | OG0 | Acaspe EP00035 Acanthoeca spectabilis P040252 | OG0 | •Saldol\_EP00054\_Salpingoeca\_dolichothecata P017334 | OG0 | Salurc\_EP00051\_Salpingoeca\_urceolata\_P010997 | OG0 | Salkve\_EP00050\_Salpingoeca\_kvevrii\_P018126 | OG0 | •Mylflu EP00047 Mylnosiga fluctuans P009194 | OG0 | Salpun EP00053 Salpingoeca\_punica\_P002870 | OG0 | Salmac\_EP00052\_Salpingoeca\_macrocollata\_P001464 | OG0 | Salpun\_EP00053\_Salpingoeca\_punica\_P018728 | OG0 | •Plajan\_Pjan\_scaffold17622\_01 | OG0 | Plajan Pjan scaffold17621 01 | OG0 | Opea EP00118 Oscarella pearsei P010954 | OG0 | Opea EP00118 Oscarella pearsei P010953 | OG0 | <sup>50</sup>-Ocar\_g8684 | OG0 | Eupdun\_Edun\_sb10618319 | OG0 | Coemet Cmet scaffold15307 01 | OG0 | •Coeast Cast sb831488 | OG0 | •Lampan\_Lpan\_14318\_01 | OG0 | Pbac\_sb2644613 | OG0 | -Horcal\_Hcv1.av93.c3.g877.i1 | OG0 | <sup>99</sup> Pbac sb2667811 | OG0 | •Mlei ML0339.g2.i1 | OG0 | Drygla\_Dgla\_sb287985 | OG0 | <sup>100</sup> Drygla\_Dgla\_sb287986 | OG0 | •Plespi\_Pspi\_C614362\_01 | OG0 | •Xestes\_maker-XT\_scaffold3545-augustus-gene-0.44-mRNA-1 | OG0 | •Halamb\_c52605\_g1\_i1mm.4671 | OG0 | •Aque Aqu2.1.37457 001 | OG0 | •Tetwil\_g25419.t1 | OG0 | ·Stycar\_maker-SC\_scaffold137619-snap-gene-0.6-mRNA-1 | OG0 | •Tetwil g25422.t1 | OG0 | •Emue Em0001g23a.t1 | OG0 | •Spolac\_c98985\_g1\_i1\_m.18489c98985-g1 | OG0 | Spolac\_c98985\_g2\_i1\_m.18491c98985-g1 | OG0 | <sub>s</sub>Spolac\_c98985\_g2\_i4\_m.18494c98985-g1 | OG0 | <sup>57</sup> Spolac c98985 g2 i3 m.18492c98985-g1 | OG0 | TrH2 TrispH2 007381-RA | OG0 | <sup>1001</sup>-Tadh TriadT52729 | OG0 | •HoiH11\_mRNA4981 | OG0 | <sub>•</sub>Hhon\_g09860.t1 | OG0 | <sup>1001</sup>HoiH04 mRNA3490 | OG0 | •HoiH06 mRNA3238 | OG0 | -Hhon\_g09859.t1 | OG0 | <sup>99</sup> HoiH23\_PIH23\_004272-RA | OG0 | Hsap ENST00000265351 | OG0 | •Spur\_XM\_030998811.1 | OG0 | Skow XM 006811473.1 | OG0 | •Bralan\_BLAG90000842\_1 | OG0 | ·Cscu\_XM\_023371157.1 | OG0 | •Dpul mRNA17874 | OG0 | •Tcas\_TC008488\_001 | OG0 | Cscu XM 023371168.1 | OG0 | •Ctel\_gnl\_WGS\_AMQN\_CAPTEDRAFT\_mRNA151775 | OG0 | •Acagra\_model.g2406.t1 | OG0 | Acagra model.g2409.t1 | OG0 | rCgig\_XM\_034468511.1 | OG0 | <sup>100</sup> Cgig\_XM\_034469909.1 | OG0 | •Morvir\_scaffold7.g102.t1 | OG0 | •Hvul\_g10089\_1 | OG0 | •Hvul\_g10088\_1 | OG0 | •Chem\_TCONS\_00017362 | OG0 | Sanmal\_Sma\_027197-T1 | OG0 | Aaur scaffold27.g36.t1 | OG0 | •Aaur\_scaffold27.g37.t1 | OG0 | Nemnom\_g18338.t1 | OG0 | •Rhoesc\_Res\_001612-T1 | OG0 | •Nemnom g18339.t1 | OG0 | •Nvec\_NVE7226 | OG0 | Dgig\_XM\_028542678.1 | OG0 | •Xesp\_012327-T1 | OG0 | Nvec\_v1g144913 | OG0 | <sup>100</sup> Nvec\_v1g18728 | OG0 | •Exapal\_XM\_021039237.1 | OG0 | <sub>|</sub>-Spis\_XP\_022804039\_1 | OG0 | <sup>100</sup><sup>1</sup>-Pocdam\_XM\_027199863.1 | OG0 | Fspp\_ffun1.m4.12143.m1 | OG0 | <sup>100</sup>1**-**Fspp\_ffun1.m4.27118.m1 | OG0 | -Gasp\_gasp1.m3.9463.m1 | OG0 | 96<sup>1</sup>-Fspp\_ffun1.m4.12142.m1 | OG0 | -Adig\_XM\_015913030.1 | OG0 | Adig\_XM\_015913011.1 | OG0 | 100 Amil\_Amillepora24168-RA | OG0 | •Gfas\_gfas1.m1.5655.m1 | OG0 | -Adig\_XM\_015913027.1 | OG0 | -Amil\_Amillepora33921-RA | OG0 | •Adig\_XM\_015913023.1 | OG0 | Amil Amillepora33929-RA | OG0 | •Amil\_Amillepora33930-RA | OG0 | Amil\_Amillepora24171-RA | OG0 | -Amil Amillepora33932-RA | OG0 | -Amil\_Amillepora33924-RA | OG0 | -Amil Amillepora33936-RA | OG0 -Amil Amillepora33931-RA | OG0 |