



Apa = *Acropora palmata* (Anthozoa), new genes

**Nve = *Nematostella vectensis* (Anthozoa), reference genes**

Hvu = *Hydra vulgaris* (Hydrozoa), renamed genes

**Che = *Clytia hemisphaerica* (Hydrozoa), studied genes, some renamed (see Fig. S18)**

Aau = *Aurelia aurita* (Scyphozoa), renamed genes from Hensel et al. + pers. com. K. Khalturin