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| --- | --- | --- | --- | --- | --- |
| **Experiment/Survey** | **Tissue**  | **Chosen Reference gene(s)** | **No significant effect of sex on expression** | **Flat expression profile across sexes** | **Normalisation with this gene(s) did not affect overall trend of results** |
| Experiment 1: Social induction of sex change in wild bluehead wrasse | Gonad | *18S* and *g6pd* | ✓ | ✓ | ✓ |
| Fore/midbrain | *ef1a* | ✓ | ✓ | ✓ |
| Experiment 2: Social induction of sex change in captive spotty wrasse | Gonad | *ef1a* and *18S* | 🗶 | 🗶 | ✓ |
| Fore/midbrain | *ef1a* and *g6pd* | ✓ | ✓ | ✓ |
| Survey 1: Opportunistic sampling of spotty wrasse | Gonad | *g6pd* | ✓ | ✓ | 🗶 |
| Fore/midbrain | *g6pd* | ✓ | ✓ | ✓ |
| Survey 2: Wild-caught kyusen wrasse | Gonad | *ef1a* and *g6pd* | ✓ | ✓ | ✓ |
| Whole brain | *ef1a* | ✓ | ✓ | ✓ |