**Molecular characterization of the sea urchin larva photosensory system: Insights into the evolution of a Go-Opsin positive neuronal population**

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Table S Primers used to clone the gene of interests

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| --- | --- |
| **Gene name** | **Primer sequence** |
| Sp-Opsin3.2 | Sp- Opsin3.2F | CGCCCTCTACCTGACCTTAG  |
| Sp- Opsin3.2R | ATTTAGGTGACACTATAGGCGCGAAAACTCTGCTGATA  |
| Sp-Trh | Sp-TrhF | Clones gifted by Oliveri’s lab (UCL) |
| Sp-TrhR | Clones gifted by Oliveri’s lab (UCL) |