**S1 Table.** The primers for construction of FP clones.

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| **Fluorescent proteins** | **Forward primers** | **Reverse primers** |
| mNeptune and its derivatives | 5' ATAGGATCCATGGTGTCTAAGGGCGAAGAGCTGATTA 3'  | 5' ATAGAGCTCTTACTTGTACAGCTCGTCCATGCCATTA 3'  |
| eqFP670TagRFP675 | 5' ATATGGATCCATGGGAGAGGATAGCGAGCTGATCTCCGAG 3'5' ATATGGATCCATGAGTGAGCTGATTAAGGAGAACATGCACATGAAGCTG 3' | 5' TATAGAGCTCTAGCTGTGCCCCAGTTTGCTAGGCAGGTCG 3'5' GCATGAGCTCTTAATTAAGTTTGTGCCCCAGTTTGCTAGGGAG 3' |