**S1 Table. Primer used in this work**

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| Name | Sequence |
| 5\_SA\_srtA\_SalI | CCCGTCGACAAACCACATATCGATAATTATCTTCACG |
| 3\_SA\_srtA\_NotI | GGGGCGGCCGCTTATTTGACTTCTGTAGCTACAAAGATTTTAC |
| 5\_new\_plzMCS | AATTCCCCAAGCTTCCCAGATCTAAACCGCGGAAACAGCTGAAACCATGGAAAGCATG |
| 3\_new\_plzMCS | CTTTCCATGGTTTCAGCTGTTTCCGCGGTTTAGATCTGGGAAGCTTGGGG |
| 5\_Mp\_UTR\_EcoRI | CGCGAATTCACAGCCTAGCCGCAGAAACTC |
| 3\_Mp\_Npart\_BglII | CGCAGATCTAGTTTCCTTCATTGGTGCTTTGTTTTG |
| 5\_Mp\_Cpart\_SacII | TCACCGCGGCAGCCCTTACTGTTATGG |
| 3\_Mp\_Cpart\_SphI | CGCGCATGCTTAGTTTTCTTCTTTGCGTTTTACAAC |
| 5\_M\_mid\_HindIII | AAAAAGCTTTAGAAGAAGCAAACAGCAAATTAG |
| 3\_M\_LPSTGE\_SacII | CTGCCGCGGTGAAGAATGGGTTAG |
| 3\_M\_EGTSPL\_SacII | CTGCCGCGGTGAAGAATGGGTTAGCTGTTAATGGTGATGTACCTTCCTGTCTCTTAGTTTCCTTCATTGGTGC |
| 3\_M\_TEPGSL\_SacII | CTGCCGCGGTGAAGAATGGGTTAGCTGTTAATGAACCTGGTTCTGTCTGTCTCTTAGTTTCCTTCATTGGTGC |
| 5\_SclB\_up | TTATGAACGCGGGAAAATTATTG |
| 3\_SclB\_up | CGTCTTTACCATCCAGTAGTCTATCTTG |
| 5\_Cpa\_up | CGAAGTATACCTACTTCACTTGTGTCTG |
| 3\_Cpa\_up | TAAAAGTTAAGGTTGTTGTGATATCGTTTC |

* Restriction sites are marked with an underline.