**Table S2. PCR primers**

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| **Oligo Sequence** |
| **Screening of stable clones at the targeting locus****F1**  CATTATTTGCTTTTATTTTATAGTGTTTGTGCTC **F2** GGGATAACAGGGTAATCCCATAACTTCGT**F3** GCAAGGCGATTAAGTTGGGTAACG**R1** CGCATTACCCTGTTATCCCTAGATATAACTTC**R2** CAGCATATCACAGTATCTAAGTGCTAGTTACAGG**R3**  GCGGGCAGTGAGCGCAAC**Inverse PCR and sequence of flanking regions****Target F** GGGTGCCTAATGAGTGAGCTAACTCACA**Target R** CGTTACCCAACTTAATCGCCTTGC |
| **Mapping of E2****E2 F1** CATCGATCTGCAGCTTCAGATGGC**E2 F2** TGGACGAGCTACTCCGTGTATCTCTCTG**E2 F3** GGGTTTGGGATACAGTGAGCTCAAGAC**E2 R1** AAGACCGTGTTATCATAAGCAACAACAGG**E2 R5** CAAGATTCTTACTGCTGGGAATAATGATAATGC**E2 R6** AGGGATAGGGTAGAGATAAACAGGTTAGCAG**E2 R7** CAACCAGGTCCTGTCCACTAGGACG |
| **Mapping E3** |
| **E3 F1** ACAAAGCCTTTGGGGGGTTGG**E3 F2** TGACCATCCCAGCTATTTTCTATTCGG**E3 F3** TTCCATTTCCACTATGAGGTTTTGGC**E3 R1** GTTTCCGAATAGAAAATAGCTGGGATGG**E3 R2** GGGTATAGAAAATGGACTCCTTTATTCGG |
| **Mapping E4** |
| **E4 F1** GAGTCCTGATTGCCTTTTCCCAGTATC**E4 F2** AACAAGAGACAAAGACCATCACTCCCC**E4 R1** GTTACCCACTTCATTGTGCCAGAGGC**E4 R2** CAATGGACTTGTCACAGTTTTCGGC**E4 R3** AGGCCTTTGAAATGCTGTTCTCCTAAG |