**Supplementary File 6**

**Oligonucleotides**

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| Name | Primer Sequence (5’-3’) |
| 3XFLAG\_F | AGCTGGCCTGGTTTGATACTGACCTGGACTATAAGGACCACGACGGAGACTA |
| 3XFLAG\_R | CGATCCGCCACCGCCAGAGCCACCTCCGCCTGAACCGCCACCACCTGACTTATCGTCATCGTCTTTGTAATCAATATC |
| GFP\_R | CCCAAACTGGCTTTTTAAAACTTCTTTACTTGTACAGCTCGTCCATGCCGAGAGTGA |
| GFP\_F | TCAGGTGGTGGCGGTTCAGGCGGAGGTGGCTCTGGCGGTGGCGGATCGCCGGTCGCCACCATGGTGAGCAAGG |
| RHA2\_F | CGGCGGCATGGACGAGCTGTACAAGAGAAGTTTTAAAAAGCCAGTTTGGG |
| RHA2\_R | CTATGACCATGATTACGCCAAGCTTTTCTTGAGTCACTCCCAAAATCCA |
| CHERRY 2\_R | CCCAAACTGGCTTTTTAAAACTTCTCTTGTACAGCTCGTCCATGCCG |
| CHERRY2\_F | TCAGGTGGTGGCGGTTCAGGCGGAGGTGGCTCTGGCGGTGGCGGATCGATGGTGAGCAAGGGCGAGGA |
| V5\_2\_R | CGATCCGCCACCGCCAGAGCCACCTCCGCCTGAACCGCCACCACCTGACGTAGAATCGAGACCGA |
| V5\_2\_F | GCTGGCCTGGTTTGATACTGACCTGGGTAAGCCTATCCCTAACC |
| LHA2\_R | GGGATAGGCTTACCCAGGTCAGTATCAAACCAGGCCAG |
| LHA2\_F | GTTGTAAAACGACGGCCAGTGAATTAAGCTTGACAGGGGTAAATGCAGAGTGTTCAG |
| PGK\_REV | CCTCCCCTACCCGGTAGAATTT |
| BCAT\_GDNA\_R | AACAAGCAAGGCTAGGGTTT |
| BCAT\_CHERRY\_R | AGCCGTACATGAACTGAGG |
| BCAT\_CHERRY\_F | AGCCGTACATGAACTGAGG |
| BCAT\_GDNAF | TCACTGCCTAGGTGGTCACA |
| BCAT\_GFPF | ACCACTACCAGCAGAACAC |
| BCAT\_GFPR | TCGTGCTGCTTCATGTGGT |
| SGBCAT\_FSEQ | TGGCACCACTTCCCGC |
| SGBCAT\_RSEQ | CTGTGGGCGAGGCCAT |
| BCAT\_TAG2\_FW | AAATAGTGCCTTTCCTTAGTAC |
| BCAT\_TAG2\_R | AATTAGTGTTCTACACCATTAC |
| ATG\_BCAT1F | AGAAAAGCGGCTGTTAGTCACTG |
| ATG\_BCAT2\_F | TGTTAGTCACTGGCAGCAACAGTC |
| BCAT\_TAG3\_F | AGCAACAGTCTTACCTGGACTCTG |
| BCAT\_ATG3\_R | GCATCTGTGATGGTTCAGCCAAA |
| BCAT-TAG3\_F | ATGAAACCACTAAAGCGCAGATTC |
| BCAT\_TAG3\_R | TCTTGAAGCATCGTATCACAGCAG |
| CLOVER\_R | CGTTGTGGCGGATCTTGAAGTT |
| CLOVER\_F | AACTTCAAGATCCGCCACAACG |
| CHERRY\_MID\_R | CCATGGTACGACACTGCATT |
| CHERRY\_MID\_F | AATGCAGTGTCGTACCATGG |
| CTNNB\_afterHA\_r | AGGCCAATCACAATGCAAGT |
| insert\_rev | GGGGGAACTTCCTGACTAGG |
| BCATC-term\_f\_Seq | TATGGACCCCATGATGGAAC |
| BRS\_f | TGCAGTTTCGAATGGACAAA |
| CTNNB1\_afterHA\_3rev  | CTCGACCAAAAAGGACCAGA |
| HGR\_3\_f  | ATTTCGGCTCCAACAATGTC |
| CHERRY\_3\_F | AAGCAGAGGCTGAAGCTGAA |
| CTNNB1\_Cterm\_f | TTTGCCTTCCTTCTTGCCTA |
| Clover\_end\_for | GTCCAAGCTGAGCAAAGACC  |
| Clover\_mid\_f | ACTTCAAGATCCGCCACAAC |
| Cherry\_end\_f | CACCTACAAGGCCAAGAAGC |
| BRS\_rev  | TACCAATCGCAATGGCTTCT |
| HGR\_rev | GATGTTGGCGACCTCGTATT |
| HGR\_2\_rev | ACATTGTTGGAGCCGAAATC |
| BRS\_2\_f | TGTTTGTGCAGAAGCCATTG |
| HGR\_2\_f  | TCAGCGAGAGCCTGACCTAT |
| HGR\_f | GAATTCAGCGAGAGCCTGAC |
| Clover\_end\_r | GGTCTTTGCTCAGCTTGGAC |
| Cherry\_end\_r  | GCTTCTTGGCCTTGTAGGTG |
| Cherry\_mid2\_for | GACATCCTGTCCCCTCAGTT |
| BRS\_3\_f | GCGACAGAGAAGATTACAATGC |
| BRS\_3\_rev | TTCGGGTATATTTGAGTGGAATG |
|  BRS\_4\_f\_seq  | TTGATTCCCACTTTGTGGTTC |
|  BRS\_5\_f\_seq  | TCTCTCGTGGGATCATTGTTT  |