**Supplementary Table 1.** Capture probe sequences.

|  |  |
| --- | --- |
| Gene | Sequence (5’ - 3’) |
| EpCAM | TGGTGCTCGTTGATGAGTCA |
| AGCCAGCTTTGAGCAAATGA |
| AAAGCCCATCATTGTTCTGG |
| CTCTCATCGCAGTCAGGATC |
| TCCTTGTCTGTTCTTCTGAC |
| CTCAGAGCAGGTTATTTCAG |
| CK8 | CGTACCTTGTCTATGAAGGA |
| ACTTGGTCTCCAGCATCTTG |
| CCTAAGGTTGTTGATGTAGC |
| CTGAGGAAGTTGATCTCGTC |
| CAGATGTGTCCGAGATCTGG |
| TGACCTCAGCAATGATGCTG |
| CK18 | AGAAAGGACAGGACTCAGGC |
| GAGTGGTGAAGCTCATGCTG |
| TCAGGTCCTCGATGATCTTG |
| CAATCTGCAGAACGATGCGG |
| AAGTCATCAGCAGCAAGACG |
| CTGCAGTCGTGTGATATTGG |
| CK19 | CTGTAGGAAGTCATGGCGAG |
| AAGTCATCTGCAGCCAGACG |
| CTGTTCCGTCTCAAACTTGG |
| TTCTTCTTCAGGTAGGCCAG |
| CTCAGCGTACTGATTTCCTC |
| GTGAACCAGGCTTCAGCATC |
| Vimentin | GAGCGAGAGTGGCAGAGGAC |
| CTTTGTCGTTGGTTAGCTGG |
| CATATTGCTGACGTACGTCA |
| GAGCGCCCCTAAGTTTTTAA |
| AAGATTGCAGGGTGTTTTCG |
| GGCCAATAGTGTCTTGGTAG |
| Twist | ACAATGACATCTAGGTCTCC |
| CTGGTAGAGGAAGTCGATGT |
| CAACTGTTCAGACTTCTATC |
| CCTCTTGAGAATGCATGCAT |
| TTTCAGTGGCTGATTGGCAC |
| TTACCATGGGTCCTCAATAA |
| CD45 | TCGCAATTCTTATGCGACTC |
|  | TGTCATGGAGACAGTCATGT |
|  | GTATTTCCAGCTTCAACTTC |
| CCATCAATATAGCTGGCATT |
| TTGTGCAGCAATGTATTTCC |
| TACTTGAACCATCAGGCATC |