### Human guides and primers

| sgRNA Fos       | Forward Primer                        | Reverse Primer                        |
|-----------------|---------------------------------------|---------------------------------------|
| gRNA_hu_FOSa_F  | caccGGGCTCAACGCAGACTACG               |                                       |
| gRNA_hu_FOSa_R  | aacaCGTAGCCTGGTGAAGCC               |                                       |
| gRNA_hu_FOSb_F  | caccCAGGTCCGACTGTCGAGA               |                                       |
| gRNA_hu_FOSb_R  | aaacTCTCAGACCAGTCCGACCTG             |                                       |

| SEQ primer Fos  | Forward Primer                        | Reverse Primer                        |
|-----------------|---------------------------------------|---------------------------------------|
| cFosa_seq_F     | CTCGTACTCAACCGCATCT                   |                                       |
| cFosa_seq_R     | AGTGCAGACAGAGGGTTGCT                  |                                       |
| cFosb_seq_F     | CTCGTACTCAACCGCATCT                   |                                       |
| cFosb_seq_R     | GTACTGGGCTCTGACCTC                    |                                       |

| Gene            | Forward Primer                        | Reverse Primer                        |
|-----------------|---------------------------------------|---------------------------------------|
| SPRR3           | qPCR_huSPRR3_F1                       | CCAGATCCCAGAGGCTGAAC                  |
| LIF             | qPCR_huLIF_F1                         | GAAAGCATGGGATGCTGGACACAC              |
| DSP             | qPCR_huDSP_F1                         | AGGCTGACGATGCTGACCT                  |
| JUN             | qPCR_huJUN_F1                         | GAGCTGGAGCGCTGACTAAT                  |
| LTB             | qPCR_hLTB_F2                          | CAGCAAGGACTGGGTTTACG                  |
| PLAU            | qPCR_hPLAU_F1                         | TAGACCGCACTCCAGAGGTTG                 |
| MMP7            | qPCR_hMMP7_F1                         | ATGTGGAGTGCCAGATGTTG                 |
| FGFR1           | qPCR_hFGFR1_F1                        | AACCTGACGAAATAGGGAGGCT               |
|                 | qPCR_hFGFR1_R1                        | ATGCTGGCTCTGACTTCTCCACA              |
**Mouse guides and primers**

| sgRNA Pten | PTEN_CRI_A_F | caccGCAGCAATTCACTGTAAAGC |
|------------|--------------|--------------------------|
|            | PTEN_CRI_A_R_822 | aaacGCTTTACAGTGAATTGCTGC |
| sgRNA Fos | ms_gRNAcFosd_F | caccGGAGGATGACGCCTCGTAGT |
|            | ms_gRNAcFosd_R | aaacACTACGAGGCACGTTCCTCC |
| sgRNA Jun | ms_Jun_F1 | caccCGACGTCGGGCGACGTGAGA |
|            | ms_Jun_R1 | aaacTCTCACGTCGCCCGACGTGC |
| Pten       | ms_Ptena_F1 | CTCCCTGGAGTGAAGAGCAC |
|            | Ms_Ptena_R1 | GTGTGCTAGCACCTACTCC |
| c-Fos      | Ms_cFosc/d_F3 | GCCCAGTGACGTAGGAAGTC |
|            | Ms_cFosc/d_R1 | TTCCAGGGCTAAGGCTGCT |
| c-Jun      | mscJun(Seq)_F1 | TGAAGTGACGGACCCTTCA |
|            | mscJun_R1 | CTTGATCGCCTCCTGAGCT |
| Spata4     | msSpata4_F1 | AACTGGCCACAGATAGGAGG |
|            | msSpata4_R1_(Seq) | CTAGGAACCAGGGCAAC |
| Lnx2       | msLnx2_F1_(Seq) | AACACTGAGACTGGGATCG |
|            | msLnx2_R1 | TGGTCCAGTAACCTCGAG |
| Xirp       | msXirp1_F1_(Seq) | GACCTGAGAAATCTAGGAAGAT |
|            | msXirp1_R1 | GACTGCTAGTCGCTCTCCT |
| Crtam      | msCrtam_F1 | GCCACACCTCCTGATCCTTC |
|            | msCrtam_R1_(Seq) | CAACATCAGAGCTGGCCTT |
| Erbb2      | msErbb2_F1_(Seq) | GCCCAAGCATGGAATAAAC |
|            | msErbb2_R1 | TCCGATACCTCCTTCTGGTG |