

Table S1. List of custom probes designed by Nanostring

Gene	Target sequence
B2M	CACGGAGCGAGACATCTCGGCCGAATGCTGTGACGCTTCTCAAGACCTAAGCGACAGCGTGACCTTGTTTCA
EFEMP1	TGACTTCACGAGCACAAAGCATTGCACTTACAGGACTGTTTGTCTGAGGTCTCCTCTTCTTTCTTGGTGTGAGAAAGTGCTC
SLIT2	AACCTGTGACATCTCTTGGAAATACCTTTCCGCAAGACCTTCAAACCTTCACAATTCTGCGGGTTAGCAGGAAGGTTAGGGAAAC
RGS1	TCTGTTAATTCCTTCAGCCAGGGACCACTGACTTATAGCTTATAGCTGTGTTGAGATTATTGAGCTTCATCATGACCAGAAG
DTL	ACTTAGAAAAGGCAACTGACTTGAGGCTGCATTGATGACCTTTGCATGTTCAAAGACGCCTATCTTCCAGTTTGATCGGGAAACT
CD53	GGTTTTGCATTTCCGGAGATGAAACAAGTCTCTTCCACACAGGACTACTGCGAACCTAACTCCTCGCTACATTCTCATTTGTTTTTC
MMP15	ACAAAACGACCGTCTTGCGCTCGTAGGCGCACTGATGTACCGGCCAATTGGTTTTACTCCCTCGATTATGCGGAGT
ICMT	AACCAAGCGTACACTCCACTGGTCACCAGAGATGTGTATCTGATTTTCTTTCGGGTTATATCTATCATTTACTTGACACCCT
SPP1	CTGACTCGTTTCATAACTGTCTCTCCACGGCTGTCCCAATCAGAAGGCGCAACAGCCACTTTTTCCAAATTTTGCAAGAGCC
AURKA	AAGGAAATTGCTGAGTCACGAGAACGCTTTTGGACCTCCAACCTGGAGCTCACCGTGTGGACGGCAACTCAGAGATAACGCATAT
PLEK	GAGCTGCTGCTACTTGTGCTTAAAGCTGAGGCACGAAACGAATATCATTTCTGGAGTTTATGTATTGCCAACGAGTTTGTCTTT
APOLD1	CCCTAATGGGCTTTTAGTGTTACATCCCTTGTTCATACGGTGAGACACTGCAGATAAGGTTGTTATTGTGGAGGATGTTACTACA
ITGA4	TGCCCCGGGATTGATCACTGAAGCGTTGGCGAGCCAGTTGCTTCTTCTGTGTTCAGCTACAAACTTAGAAAC
ISG15	CTCAGAGGTCGTGCGATTGTCCACCACCAGCAGGACCATAAAATTTGGTTTTGCCTTTCAGCAATTCAACTT
GAPDH	AAGTGGTCGTTGAGGGCAATGCCAGCCCCAGCGTCAAAGCTGGTCAAGACTTGCATGAGGACCCGCAAAATTCCT
CFB	CGGTGCAGGGGAGACAAATGGGCTGTATGCTGGCCATATTTACGCTTACTTTTCTGGGACGCTTGAAGCGCAAGTAGAAAAAC
RAPH1	GATAATCCTTTCAAGGTGCCATGTTTCAATGTATGTCCGGCTAACAGGCAACAGCAGACCTGCAATATCAAAGTTATAAGCGCGT
S100A8	AATTTCTTCAGGTCACTCCTGTAGACGGCATGGAATTTCCCTTTATCAGCCTGCCAATGCACTCGATCTGTCAATTTTTGCG
NANP	CCTGTGGGAGAGTTAAAGGACAAGCCCCCTGCAGCACAGCCAAACAACTGGAGAGAGAAGTGAAGACGATTAAACCCA
OAS2	CTGGATGGTGAACCCATCAAGGGACTTCTGGATCTCGAAATGTTTTTACGATTGCTGCATTCCGCTCAACGCTTGAGGAAGTA
VCAN	CAAAATTTGTTCTTCTGTGAGACAGGATGCTGTGAGATGGGCACCTGCCTGAGGCTGTAAAGCTGTAGCAACTCTTCCACGA
CLDN6	CTCTTTGGCTCCATCATCCAAGGGTGAGAAACAGCAGAGCCTAAGCTAGGACGCAATATCACTTGAAGAAGTGAAAGCGAG
LRP2	AGCACCAAACTAGAGCCCTCCCTCGCACAGTGTAAATACACAACCCACGCGATGACGTTCTGCTCAAGAGTCGCATAATCT
NPC2	GTTGGGTGGGGCATGGGCTCACATTCATCTTTATAACTCCATCCACACATTTGGAATGATGTGTACTGGGAATAAGACGACG
RALBP1	TCATTTTGAAGGATTTCTGGCTCATCTTCCAGAGCTATCTTCTGAAAGCACAGAATCCTCTGACTGTGAAGGAGGGTCAAAC
NR2F6	TACGTGTCCAGAGGATCTGCCTGGCACGCTAGCTACCTTGACGTAGATTGTATCAGGTTACGATGACTGC
ARL4C	CCACACACACACACCCCATCCAGCATTACACCAAAAGCCTTACCCTTCTTACAGATCGTGTGCTCATGACTTCCACAGACGT
TINAGL1	ATCTCCTTGTGCTGGAGCCGAGGCGGTAGACAGGCTTGGAGGAGTTGATAGTGGTAAAAACAACATTAGC
LMF2	CCCACAAGGGACAGTTGGACTACAGCACTGAGCTTCCGTAGCCTACGTATATATCCAAGTGGTTATGTCCGACGGC
FGF9	CCCATCCAAGCCTCCATCATACATTATGTCATGCGACAAGTTTGGCAACACAGCAAGAAGGAGTATGGAACCTTATAGCAAGAGAG
UTRN	AACCTGGAGGTTGGCATCATCCAGCTCAGATACTAAACGCTTCACAATTTACCCCTCCAAACGCATTCTTATTGGCAATGGAA
FGF18	ATCGGGCTTCCCAACGAGCTTGCTTTTGGCGTTTCATGCACAGGTAGAATTTCCGAAAGCAATCTGTCGCTCACTCTGTATGTCCTG
BMP7	GTAGCGTGGGTGGAAGAATTCTTGTCTGTTCCACGAGGTTGACGAAGCCCGGGAATCGGCATTTCGATTCTTAGGATCTAAA
GPRC5B	AGTGGTGATCACTTTCCAATGTGATGGTCATCTATCACCCAGAGGGCCGATCTTATAACGGAACAACTGAACGGGCCATT
THBD	TGGCACTGGTACTCGCAGTTGGCTCTGAAGCACGGCGCTATGCAGACGAGCTGGCAGAGGAGAGAAATCA
TNFSF10	CTGTGAAGATCACGATCAGCACGCAAGTCTGTCCCCATTGCAACCATGTGAAGTAATGTGAGCGTACTT
FUT2	GAAGAGGCAGGACCTATGGACTTGGATGTCATGCCAGCTACAAGCCAATATCACCAAGTTAGCGTGGCGTATACCATGTTGTTAAAC
CLIC4	TGAGAAAACCTCACTCCCTCTAAACTTTTAGCTTCTACATGGTGTGACACCTGAATCAATAGAACAATATCAGTTATGGCGGTG
SPRY1	TGAACCTGTGCTGTGTCAGGCTCTTTTCAAGGAACCTTCAAGTCAATCCCGTTTGAATATGACAGGCCGCTAAAGACGTTCT
PRIMA1	TCCAGTACACGCGGCACGTTGCTAAGAAGGCAGATTTCAGGATATTACACCGTCTCAGATGAGTGGGTTAATCAATCAAGTATG
CALR	AGGCCACGACGCAAAAGTTATCATAGGCATAGATACTGGGATCGGCTGACACATTAGTAACGTCGGCAAGCACTTAGTCG
SDC3	AGAGGAGAGATTCAACAACCCAGAGAGACAGGACAAAACAGGCTGGTGGCTGAACCAAGATTATGTATGGACGCGCAATAGATA
SLC6A8	AGAAGGTTCCATTGCTGGCTGGCTCTCTAAGCTTCTATAACAGGGCATACGAAATTTGAGCAAGCAATTGAAGGCTTAGA
IFITM1	TCTGTAACATAATATGGTAGACTGTACAGAGCCGAATACCAAGTAACAGGCTATCAGCTAATAGGGTCGGCTCAACAGTGATCC
ADAMTSL5	ATCAGGTAAGAAGACAGGAGAGCTGGAGCCCGGTATGGAGAGGAAGAACCTATCAATTCGTGACCCCGATCATCCAGTCCAGAA
MAL	ACAGCAGTTGGAGGTTAGACACAGCAAGCTCCCAACCCGACGCGAAGCTTGAGCTCTAGGCCAAAACGACCTTAATGGTCA
PTP4A2	ACTGAACACAGCAATGCCATTGGTATCTCTGAAGCGTAATCGCATCTTACTAGCCAGATCCTACGAGATGAGCTACGTAACCTA
MELK	GAATGCTACTGGGAGAGAGCCATTGGGAACATCATATTTCTCTCATACAAATGCACCTATATGAGGGGAGAGTAGCTGGAT