

Supplementary Table 1. Information on NanoString probes used in the study

Probe Panel Identifier	Gene Name	GenBank Accession Number	Position	Probe Target Sequence
ALAS1*	<i>ALAS1</i>	NM_000688.4	1616-1715	GGGGATCGGGATGGAGTCATGCCAAAAATGGACATCATTTCTGGAACACTTG GCAAGCCTTTGGTTGTGTTGGAGGGTACATCGCCAGCACGAGTTCTC
CDKN2A	<i>CDKN2A</i>	NM_058195.3	581-680	CGCACGGTACCTGCGCGCGGCTGCGGGGGGCACAGAGGCAGTAACCATGC CCGCATAGATGCCGCGGAAGGTCCCTCAGACATCCCCGATTGAAAGAAC
CLEC3B	<i>CLEC3B</i>	NM_003278.2	608-707	AGAAGTGCAGGCTCTGTCTCAGGCGCGGCCAACGGCAAGTGGTTCGACAAGC GCTGCCGCGATCAGCTGCCCTACATCTGCCAGTTCGGGATCGTGTAGCC
BC048201	<i>ERLEC1P1</i>	BC048201.1	125-224	CCTGAAGCCGAGAAATGAAATCCCAAGTTGACCGTCAAGTCCAACGCTCGCT GCAGACATCTAGTGGACCCGGCGCTCGCGGACGGAAGCGGACAGACCT
GAPDH*	<i>GAPDH</i>	NM_002046.3	36-135	TCCTCCTGTTTCGACAGTCAGCCGCATCTTCTTTTCGCTGCCAGCCGAGCCA CATCGCTCAGACACCATTGGGGAAGGTGAAGGTCGGAGTCAACGGATT
HPV16_E6	HPV16 E6	KT959566.1	364-463	AAGCAAAGACATCTGGACAAAAAGCAAAGATTCCATAATATAAGGGGTCCGT GGACCGGTGATGTATGTCTTGTGTCAGATCATCAAGAACACGTAGAG
LAMC2	<i>LAMC2</i>	NM_018891.2	4101-4200	ATTGTTGAAATAATTGAAGAGAGAAATGACAGGAGCCTGCTCTAAGGCAGTAG AATGGTGGCTGGGAAGATGTGAAGGAAGATTTCCAGTCTGTGAAG
LIPI	<i>LIPI</i>	240000_AT.1	471-570	AAAATGTTACTTGGATAAGGTTTCCAGCAATAACACAGGGAAAAAGATAGTGC CTATTTCCACCTGCCATGTGAGAAAACCCAATTTCATAGTCCACTCGA
LOC283278	<i>LOC283278</i>	AL833346.1	2747-2846	AGCAACTTTTCATTGTATCGTAGCAATAAACTCCACACTGGGTGACATCTACCT AGAAATCCCTTCCCTCTAACCAGGCCATGATGGGAACCTTTGCTGCC
MYH11_b	<i>MYH11</i>	NM_001040113.1	921-1020	CTGCTAGAAAAATCACGGGCAATTCGCCAAGCCAGAGACGAGAGGACATTCC ACATCTTTTACTACATGATTGCTGGAGCCAAGGAGAAGATGAGAAGTG
MYH11	<i>MYH11</i>	NM_022844.2	6576-6675	GCAGACACTGAGTTTTTAGAAAAACATATCCACGGTAACCGGTCCCTGGCAAT TCTGTTTACATGAAATGGGGAGAAAGTCACCGAAATGGGTGCCGCCG
C5ORF13	<i>NREP</i>	NM_001142474.1	991-1090	AAACTCATTGTTTCCTTGTGGTAAGTGACCGAGATGCTGCCACAGGACCTGA GACACTGATGAATGGTGCTATTTTGGACTTTCAACATGCTCCTTGCGG
OASL	<i>OASL</i>	NM_003733.2	826-925	TGTATCTACTGGACCAAGTACTACACACTCCACAATGCAATCATTGAGGATTG TGTCAGAAAACAGCTCAAAAAAGAGAGGCCCATCATCTGGATCCGG
OSMR	<i>OSMR</i>	NM_001168355.1	1293-1392	AGCCACCGTGGCCACTAACGTGTCTTTGTTTCACAGACTGTGTGATCAAGTA AATGTGCTGTAGATCTTTGCCTCATTACAGCGGAGGTGAGAGTTAG
PLEKHA7	<i>PLEKHA7</i>	NM_175058.4	541-640	AGTTCTGGGATGAGGCTGTGGAAAAGGAGGTGGTTTGTGCTTGCTGATTACT GCTTATTTTACTATAAAGACAGCCGAGAAGAAGCGGTCTCGGGAGCA
RPL27*	<i>RPL27</i>	NM_000988.3	267-366	GTATACTACAATCACTAATGCCACAAGGTACTCTGTGGATATCCCTTTGG ACAAAACGTGCTCAATAAGGATGTCTTCAGAGATCCTGCTCTTAAAT
RPS18*	<i>RPS18</i>	NM_022551.2	111-210	GCGGCGGAAAATAGCCTTTGCCATCACTGCCATTAAGGGTGTGGGCCGAAGA TATGCTCATGTGGTGTGAGGAAAGCAGACATTGACCTACCAAGAGG
SERPINE1	<i>SERPINE1</i>	BC005927.1	316-415	AGTAACAAGAACCTTGACTCTCTCAGTCCCTCTGCATCAAGACACTTACCCATT TCCACCTCATGCCTGCTAACTTGAATGAAACAATCGCTGGGAAAG
SLC16A1	<i>SLC16A1</i>	NM_003051.3	3196-3295	AAGGATAAGGAGGGAAGGTGGACCAGAATGAAAACGTGTAATATTTTTTAAAC CTAATATCACTTAAATCGAGGCAGAAAGATACAGACATTCAATGAAT
SLC16A1_b	<i>SLC16A1</i>	NM_003051.3	636-735	TGGTGGCTGCTTGTCTCAGGCTGTGGCTTGATTGCAGCTTCTTTCTGTAACCCG TACAGCAACTATACGTCTGTATTGGAGTCATTGGAGGTCTTGGGCTT
TBP*	<i>TBP</i>	NM_003194.4	740-839	CAGCTTCGGAGAGTTCTGGGATTGTACCGCAGCTGCAAAATATTGTATCCACA GTGAATCTTGGTTGTAACTTGACCTAAAGACCATTGCACTTCGTGC
THBS1	<i>THBS1</i>	NM_003246.2	3466-3565	ACCCTCGTCACATAGGCTGGAAAGATTTACCGCCTACAGATGGCGTCTCAG CCACAGGCCAAAAGACGGGTTTCATTAGAGTGGTGATGTATGAAGGGAA
TPPP	<i>TPPP</i>	NM_007030.2	5361-5460	GACCGTGATGTATCAATAGGCTAGAACGTCCTTCAAACACTGAACCTGCATC TTTCTCTCTTACTACTGAACACTTTGTGAGCTCTGGTGGTCCAGG
TUBA1B*	<i>TUBA1B</i>	NM_006082.2	1461-1560	GAGGAAGGCGAGTTTTTCAGAGGCCCGTGAAGATATGGCTGCCCTTGAGAAG GATTATGAGGAGGTTGGTGTGGATTCTGTTGAAGGAGAGGGTGAGGAAG
ZDHHC11	<i>ZDHHC11</i>	NM_024786.2	2405-2504	CATAGTACTGGGAAACCCAGACCTGGATTCTGAGTTTTTCAGCCTAGCCCA GACTTCTTATCTTAGTAGACAAAAGAGTCAATACCAGAGAACCAGAG

*Housekeeping gene target used for normalization