Supplementary Table 1: Sequences of all pre-amplification and qPCR primers. F and R are forward and reverse primers of qPCR, which are nested between OF and OR, the outer primers used for pre-amplification. In semi-nested assays, F or R is used accordingly for the pre-amplification together with one outer primer. T7F and T7R are the primers used to generate the IVT RNA standards. The GAPDH IVT primers did not work and therefore were not reported.

Assay	F of qPCR	R of qPCR	OF	OR	Assay use
CSTA	AAAACTCAAGTTGTTGCTGGAA	TCACCTGCTCGTACCTTAATG	F	TGTCCGGGAAGACTTTTGAATA	SIR candidate
ANXA2	TCCCTGTACTATTATATCCAGCAA	TTCTGGTAGTCGCCCTTAGTGT	AATTCAAGAGAAAGTACGGCAAG	R	SIR candidate
RPS6	GAAGAGGCTGCAGAATATGCTAA	CGCTTCTCCTTAGCCTCCTT	F	GTCTCTTCGCAATTTGTTCCTG	SIR candidate
RPS7	GACAAAGCACAGCAGAACAATG	CACCAGAAAAAGTTTCAACCTTG	F	CTTGCCCGTGAGCTTCTTATAG	SIR candidate
RPS10	CTGGGTCAGCAACCGAAT	CCAAATCCGCCTCTAAACTG	F	AATGCAAAAGAATCCTCTCCAA	SIR candidate
RPS16	CCTGGTGGCCTATTACCAGA	CTTTGATCTCCTTCTTGGAAGC	ATGCTATCCGTCAGTCCATCTC	R	SIR candidate
RPL37	GAAATACCACCGGAACTGGTC	GAATCCATGCCTGAATCTGC	F	GTTTAGGTGTTGTTCCTTCACG	SIR candidate
ACTB	CCCAGCACAATGAAGATCAA	TTGCGCTCAGGAGGAGCAATG	F	CGATCCACACGGAGTACTTG	SIR candidate
S100A8	GCTAGAGACCGAGTGTCCTCA	GTCTGCACCCTTTTTCCTGA	ATGCCGTCTACAGGGATGAC	R	SIR candidate
GAPDH	TCACCAGGGCTGCTTTTAACTC	GTTCTCAGCCTTGACGGTG	TCAACGGATTTGGTCGTATTGG	R	SIR candidate
ANXA2	GAGAAAGTACGGCAAGTCCCTGTA	CACAGGTACAGCAGCGCTTTC	AGGTCTGAATTCAAGAGAAAGTACGG	CGGGCTTCAGTCATCTCCAC	selected SIR
DUSP1	CAGACATCAGCTCCTGGTTCAA	CAAACACCCTTCCTCCAGCAT	CCTGTGGAGGACAACCACAAG	GCCTGGCAGTGGACAAACA	oc marker
H3F3A	CGCTTCCAGAGCGCAGCTAT	TCTTCAAAAAGGCCAACCAGAT	AGCGTCTGGTGCGAGAAATT	GCACACAGGTTGGTGTCTTCAA	oc marker
IL1B	TGTTGAAAGATGATAAGCCCACTCT	CAAATCGCTTTTCCATCTTCTTCT	GTACCTGTCCTGCGTGTTGAAAG	TTCTATCTTGTTGAAGACAAATCGCTT	oc marker
IL8	CCAAGGAAAACTGGGTGCAG	CTTGGATACCACAGAGAATGAATTTTT	TTTCTGATGGAAGAGAGCTCTGTCT	ATCTTCACTGATTCTTGGATACCACA	oc marker
OAZ1	TCTTCATTTGCTTCCACAAGAACC	TCAAAGCCCAAAAAGCTGAAG	TGCGAGCCGACCATGTC	CCCCGGTCTCACAATCTCAA	oc marker
RPL37	ACTGGTCGAATGAGGCACCTAA	GGTTTAGGTGTTGTTCCTTCACG	ATACCACCGGAACTGGTCGAA	AACAGCTGCCCTCTTGGGTT	selected SIR
S100A8	TGCTAGAGACCGAGTGTCCTCAG	CATCAGTGTTGATATCCAACTCTTTGA	CATGCCGTCTACAGGGATGAC	AAGTTAACTGCACCATCAGTGTTGATAT	selected SIR
S100P	GCTGATGGAGAAGGAGCTACCA	TTGAGCAATTTATCCACGGCAT	GCACGCAGACCCTGACCA	CGTCCAGGTCCTTGAGCAATT	oc marker
SAT	TTGGCATAGGATCAGAAATTCTGAA	TCTGCTACCAAGAAGTGCATGCT	CGTGATGAGTGATTATAGAGGCTTTG	GGTTCATTCCATTCTGCTACCAA	oc marker
ANXA1	GGTCTCAAGCTATGATCAGAAGACTTT	GAAGAAACTTTCCTATTTAAGCTTATAGGATG	CATTCCCTTGATGGTCTCAAGC	GCATGTAGGTAGCTACACTGTAATCCTG	Exon array candidates
ARF5	AAGGCCCCCTCTTCCAGA	CCCCTAGAGTACACCCAAAACAGA	CCTGCTGGGACCTATGGAAG	ACCCGAAGCCCTCACCTT	Exon array candidates
B2M	GGGGGAAAATTTAGAAATATAATTGACAG	GAATCTTATATGACAAAATGTTTCATTCATT	GCTTAGAATTTGGGGGAAAATTTAG	CCACAACCATGCCTTACTTTATCA	Exon array candidates
CRNN	CCAATCCAGTGGGTGCATC	AAAGACCTAAAAGGGAAGCTGCATA	GAGTTTGGCTTGTCCTGCATG	AGTTCAGGATAGAAAGCTCCTTGC	Exon array candidates
CSTB	AAGCTTCATCTCCGGGCTGT	AAAAGCAGCTGCAGAATCCTG	AGAGCGTGCACTTGTGATCCTA	GAAGGAAAGAAATCAACACAATGAAA	Exon array candidates
CXCL1	CCAAGCAAATGGCCAATGA	TAAACAGTTACAAAACAGATGTGCACA	TGGCGGATCCAAGCAAA	TTGACCACACACTGTGAAATCATT	Exon array candidates
EGR1	GGTTCTCCAGAATGTAAGAAAACAAA	CAGTTAAAAAAATAGACTTTTGAGAGTTCAGA	GAGCTTCGGTTCTCCAGAATGT	AAAAATCGCCGCCTACTCAG	Exon array candidates
EIF1AY	ATTTTGGCCATCATCAACCAA	TCAGTTTGCTTTCAGAAACTACACACT	TACAGTTGGGATTTTGGCCATC	GGTAATTCAGTGTCCTCAGCTTTTAA	Exon array candidates
FOS	CCATGAAAACGTTTTATTGTGTTTTT	GACCTCAAGGTAGAAAAAAATAAAATAAAAA	GATCATGCATTGTTGAGGTGGT	CATTCAAATTCACTTTCCACATGTC	Exon array candidates
G0S2	CGCTGGGAGAGTGCAGGA	TCAGCGGTTTCTCTGAAGTTAAGTC	CCTGACTCCGCTGGGAGA	GATGCTTGTGGTAGGTCAGTTCTAGAT	Exon array candidates
IER3	TTAACTTATGCAAGGGTGTGAGATG	CCACAAAGCTCAATAAATACCAAGAG	CGTCCTCCTAGGTGATGGAGAT	GGTGTCCTGCTTCCACCAGT	Exon array candidates
IL1B	GCCAATCCCCAGCCCTT	GGGCTTTAAGTGAGTAGGAGAGGTG	TCTCTCCTTTCAGGGCCAATC	ATGTGGCCGTGGTTTCTGTC	Exon array candidates
IL1RN	CTGAGCAAATGTGGCTCCTG	CTACAATGTCAAGGAGCAATTTATTCC	TCAGCTCCCAAGGCTCTGAG	AGGCACAGCCATCTTTCATACA	Exon array candidates
ITGB2	GGCCGGGTGCTTCTGG	CCTCCTCAAGTCTCCATGCAA	CCAGTTATTTTCCGCCCTCAA	CCTAACCTCACCAACCTCAAGC	Exon array candidates
IVNS1ABP	CTAGAAATGAATGGAAGATGATGGG	TGGTGTTCCCTACAGTTGCAATC	CATGCCATCAGTTGTGTGGAA	ATCCTCCCACTGCATAAATGGT	Exon array candidates
KRT4	CCTCTCACCTCCCATGGACA	AGGGACATATGTGACCCCAATAA	CACCTGGAATGGGAAGGATG	TCTAGTGGGAGATGGCATTGG	Exon array candidates
MT-ND1	CAAACTCAAACTACGCCCTGATC	GACTTCATATGAGATTGTTTGGGCTA	CTGATCAGGGTGAGCATCAAAC	TGGAGAGGTTAAAGGAGCCACT	Exon array candidates
MT-ND3	CGCGTCCCTTTCTCCATAAA	AGGAGGGCAATTTCTAGATCAAATAA	CGGCTTCGACCCTATATCCC	GTTAGTTGTTTGTAGGGCTCATGGT	Exon array candidates
MT-ND4	GAACTATCAAACTCCTGAGCCAACA	GAGGTATCTTTACTATAAAAGCTATTGTGTAAGC	GGCTCACTAAACATTCTACTACTCACTCTC	GGAGTCCGTAAAGAGGTATCTTTACTATAAA	Exon array candidates
MT-ND5	GGCTGAGAGGGCGTAGGAA	GCATCTGCTCGGGCGTAT	CCAACTGTTCATCGGCTGAGA	CGCCGATACGGTTGTATAGGA	Exon array candidates
MUC7	TTGGATCCTACAGAGATAGCCTACTG	GATGGCCCATACAATATTCTCTCTTT	TCCCACAAGCCAGATGCAG	TCAGGGAAAAGTAAATGGTTGATG	Exon array candidates
PI3	TCCCGTTAAAGGACAAGTTTCAG	AGTGGAGACTGGACCTTTGACTG	AAAGGCCGTGTTCCATTCAA	GCGCACCGGATCAAGATAAT	Exon array candidates
PRB4	CAGCCTCCCCAGTAATCTAGGAT	CGGCATTTGTAGCAATTGAATTAT	AGACCTGCCCAGGGACAAC	AGCTATGATGACCTTGTTCCAATG	Exon array candidates
RNR2	CCTCCGAGCAGTACATGCTAAGA	CCGTTGGTCAAGTTATTGGATCA	GCAGAACCCAACCTCCGA	GGTAACTTGTTCCGTTGGTCAAG	Exon array candidates
RPS4Y1	AGCTTTGCCACGAGGCTTT	CAGGGAAATCCAAGGTTTATTGC	TGATGTGGTGCATGTGAAGGA	CTCTCTTCAGCAACAGTAAGTCGAA	Exon array candidates
S100A14	GGAGCTCATGGGTGGAGGA	ATCCCTGGCCCAACCAGT	TGTGCACTCTGTCTTGGATGCT	TCCCCCTACTACCAATTCTTTGG	Exon array candidates
SAT	TGCATGTTTGAAATGAGGTCTGT	AAGATCTGACTCTCCAAACTGCATC	TGGCGTTGTTGCATGTTTG	ACCACCTTGTTGTTTATCGAAAGAT	Exon array candidates
SPRR1A	ATAATCGCTCCTTTGCACCTCT	CTCAGGAGCCCTCCAGAATG	GCTGTCACCCTGAATCATAATCG	GACGTTCAGCCTTACGCAGAG	Exon array candidates
SPRR2A	GGAGACTGAGCAAAGGAAGTCC	CTGCTCTTTCTTCCGAAGCTCT	CTGTCCAGGTGGAGACTGAGC	TCTCTGATGGTTCCCAGGGA	Exon array candidates
SPRR3	GCCATAGTCTCTCTCTTATTTGTATCCTAA	ACAGGATTCTTCAGAGTGTGTGTGA	CCCAAGCCATAGTCTCTCTCTTATTT	CGAAGACCAGAAAAGCCATGA	Exon array candidates

	T7F	T7R
CSTA	CTAATACGACTCACTATAGGGacggaaaattggaagctgtg	ctcattttgtccgggaagac
ANXA2	CTAATACGACTCACTATAGGGaatcatggtctcccgcagt	acaggtacagcagcgctttc
RPS6	CTAATACGACTCACTATAGGGtgctctgaagaagcagcgta	agaagctcgcagagaggaaa
RPS7	CTAATACGACTCACTATAGGGcaagagaatccgcgtcaaac	attaacatccttgcccgtga
RPS10	CTAATACGACTCACTATAGGGacctggtgccgacaagaaa	aatgcaaaagaatcctctccaa
RPS16	CTAATACGACTCACTATAGGGgtgtccgtgtaaagggtggt	ccggtcatactggatgagga
RPL37	CTAATACGACTCACTATAGGGgccaagcgcaagagaaagt	gccctcttgggtttaggtgt
ACTB	CTAATACGACTCACTATAGGGtccctggagaagagctacga	aaagccatgccaatctcatc
S100A8	CTAATACGACTCACTATAGGGatttccatgccgtctacagg	cctggaagttaactgcaccat
GAPDH		