

**Table S2 Taq Man probes used in this work**

<b>Assay Name</b>	<b>Forward Primer Sequence</b>	<b>Reverse Primer Sequence</b>	<b>Reporter 1 Sequence</b>
<b>βTUB</b>	GTGAGGCTGAAGGCTGTGA	GGTACCACCACCGAGAGAGT	CCTCCAGGGCTTCCAG
<b>SIDA</b>	GTGCGCAACAATTTTCGGATGTA	GAGCTGCTGGGATCAGACTTC	CTTCCCCGTAAGCCAC
<b>SIDC</b>	GGGCAAGGCGATGTTAGC	CCGAGCATAGCCTTCGATCAATC	CTGTTGCGAGTTCTCC
<b>SIDG</b>	CGAGTCTCGCCGAAGTTCTG	AAGGCATAGCGAACCATCTCC	CCTCCTTCGCGTACCC
<b>CCCA</b>	CTTGGATCTCAGCCATCACACT	AAGTAAGGTATGAGCGGGATGAAC	CCTCCCACGAAATAC
<b>SREA</b>	TGGTTCCTGTCCTGGTGGA	TTGTAGGCAGGGCAACCAT	TCCCTCGGCTCCGCC
<b>HAPX</b>	CCAGACGTCTTGATACCACCAA	GGCAAATCGGGAAGTGAAATCAATTT	CCGAGCCTCAGATCAA

**Reporter 1 Dye:** FAM

**Reporter 1 Concentration (μM):** 5

**Reporter 1 Quencher:** NFQ

**Forward Primer Concentration (μM):** 18

**Reverse Primer Concentration (μM):** 18