

S1 Table. Gene assays used to measure mRNA expression of *SYK*, *SYK* splice variants and reference genes, and generate EMT, infiltrate and GGI indices.

INDEX	Gene Symbol	Gene Name	qPCR detection method	Assay ID ThermoFisher Scientific	F sequence	R sequence
SYK total	<i>SYK (T)</i>	Spleen Tyrosine Kinase	Taqman	Hs00374292_m1		
SYK short	<i>SYK (S)</i>	Spleen Tyrosine Kinase	Taqman	Hs00177369_m1		
SYK long	<i>SYK (L)</i>	Spleen Tyrosine Kinase	Taqman	Hs00895384_m1		
EMT	<i>BGN</i>	biglycan	Taqman	Hs00959141_g1		
EMT	<i>CDH2</i>	cadherin 2, type 1, N-cadherin (neuronal)	Taqman	Hs00983062_m1		
EMT	<i>FAP</i>	fibroblast activation protein, alpha	Taqman	Hs00990806_m1		
EMT	<i>FN1</i>	fibronectin 1	Taqman	Hs00277509_m1		
EMT	<i>INHBA</i>	inhibin, beta A	Taqman	Hs01081598_m1		
EMT	<i>EPCAM</i>	tumor-associated calcium signal transducer 1	SYBR		AGTTTGCGGACTGCACTTCA	AATACTCGTGATAAAATTTGGATCCA
EMT	<i>ESR1</i>	estrogen receptor 1	SYBR		ATCCTACCAGACCCTTCAGTG	GCCAGACGAGACCAATCATC
EMT	<i>ESR2</i>	estrogen receptor 2 (ER beta)	SYBR		CATGCTCCTGGCAACTACTTC	GCTCTTGGCAATCACCCAAC
EMT	<i>IGF1</i>	insulin-like growth factor 1 (somatomedin C)	SYBR		TGGTGGATGCTCTTCAGTTC	GACAGAGCGAGCTGACTTG
EMT	<i>IGF2</i>	insulin-like growth factor 2 (somatomedin A)	SYBR		GCGGCTTCTACTTCAGCAG	CAGGTGCATATTGGAAGAAC
EMT	<i>TGFB1</i>	transforming growth factor, beta 1	SYBR		GCCCTGGACACCAACTATTG	CGTGTCCAGGCTCCAATG
EMT	<i>VIM</i>	vimentin	SYBR		CAGATTCAGGAACAGCATGTC	TCAGAGAGGTCAGCAAAGTTG
EMT & Infiltrate	<i>VEGFA</i>	vascular endothelial growth factor A	Taqman	Hs00900055_m1		
Infiltrate	<i>PTPRC</i>	protein tyrosine phosphatase, receptor type, C, CD45	Taqman	Hs00236304_m1		
Reference gene	<i>HMBS</i>	hydroxymethylbilane synthase	SYBR		CATGTCTGGTAACGGCAATG	GTACGAGGCTTTCAATGTTG
Reference gene	<i>HPRT1</i>	hypoxanthine phosphoribosyltransferase 1	SYBR		TATTGTAATGACCAGTCAACAG	GGTCTTTTCACCAGCAAG
Reference gene	<i>TBP</i>	TATA-box binding protein	SYBR		TTCGGAGAGTTCTGGGATTG	ACGAAGTGAATGGTCTTTAG