

Gene symbol	Gene name	Gene function	Forward (sequence 5' → 3')	Reverse (sequence 5' → 3')
<b>ErbB family members</b>				
<i>Egfr</i>	Epidermal Growth Factor Receptor	ErbB tyrosine kinase receptor	GCATCATGGGAGAGAACAACA	CTGCCATTGAACGTACCCAGA
<i>Erb3</i>	Epidermal growth factor receptor 3	ErbB tyrosine kinase receptor	TCTGCATTAAAGTCATCGAGGAC	CAGCCGTACAATGTGGGCAT
<b>RNA-sequencing validation</b>				
<i>Fas</i>	TNF receptor superfamily member 6	Identical protein binding	TATCAAGGAGGCCCATTTTGC	TGTTTCCACTTCTAAACCATGCT
<i>Tcf3</i>	Transcription factor 3	DNA-binding transcription factor activity	GGGTGCCAGCGAGATCAAG	ATGAGCAGTTTGGTCTGCGG
<i>IL15</i>	Interleukin 15	Cytokine activity	ACATCCATCTCGTGCTACTTGT	GCCTCTGTTTTAGGGAGACCT
<i>ApoE</i>	Apolipoprotein E	Protein homodimerization activity	CTGACAGGATGCCTAGCCG	CGCAGGTAATCCCAGAAGC
<i>Socs3</i>	Suppressor of cytokine signaling 3	Negative regulation of cytokines that signal through the JAK/STAT pathway	ATGGTCACCCACAGCAAGTTT	CTGGAGCGGCATGTAGTG
<b>Reference genes</b>				
<i>Actb</i>	Beta Actin	Cytoskeletal structural protein	GGCTGTATTCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
<i>Gapdh</i>	Glyceraldehyde3-phosphate dehydrogenase	Glycolysis pathway enzyme	AGGTCGGTGTGAACGGATTG	GGGGTCGTTGATGGCAACA