

Table 1. Human specific primer sequences

Gene	Full name	NM accession number	Sequences	Amplicon
<i>ITGB1</i>	<i>Integrin B1</i>	002211-033666-033667-033669-033668-133376	F=5'-CGGACAGTGTGTTTGTAGG-3' R=5'-CAGTGTAGTTGGGGTTGC-3'	161
<i>ITGB3</i>	<i>Integrin B3</i>	000212	F=5'-TACAAACACGTGCTGACG-3' R=5'-GAGTCTTGGCATCAGTGG-3'	196
<i>ITGB4</i>	<i>Integrin B4</i>	000213-001005619-001005731	F=5'-CTGCACCTACAGCTACACC-3' R=5'-CACAGTACTCCAGCATAGC-3'	173
<i>ITGA1</i>	<i>Integrin A1</i>	181501	F=5'-GGCCGTAGTTAAAGTGACC-3' R=5'-GTGAATCTAGGGTGACACG-3'	185
<i>ITGA2</i>	<i>Integrin A2</i>	002203	F=5'-TCCAGACAGTACAGCTAACG-3' R=5'-GCAACCAGAGCTAACAGC-3'	187
<i>ITGA3</i>	<i>Integrin A3</i>	005501-002204	F=5'-TGAGAACTTCTACCCAGACC-3' R=5'-GGCACTCTGGTTGTAAGC-3'	187
<i>ITGA4</i>	<i>Integrin A4</i>	000885	F=5'-CGCTTCAGTGATCAATCC-3' R=5'-CTGTCTGGAAAGTGTGACC-3'	166
<i>ITGA5</i>	<i>Integrin A5</i>	002205	F=5'-GAGCAGAACCATGTGTACC-3' R=5'-CAAAGTAGTCAAGCTCAGG-3'	181
<i>ITGA6</i>	<i>Integrin A6</i>	000210-001079818	F=5'-CCCAGATATTGCAGTTGG-3' R=5'-CTGAATCTGAGAGGGAACC-3'	200
<i>ITGA7</i>	<i>Integrin A7</i>	002206	F=5'-GACTCACTGCACTACTCAGG-3' R=5'-CAGCTCTACCTCCAGTCC-3'	192
<i>ITGA8</i>	<i>Integrin A8</i>	003638	F=5'-GAGATTCGGTAGTCTATGG-3' R=5'-ACTCCTGCAGAACTTGG-3'	168
<i>ITGA9</i>	<i>Integrin A9</i>	002207	F=5'-ACTGGAGAGGAGGAGAGG-3' R=5'-CCCCAAAGCTAGATACAGG-3'	195
<i>ITGA11</i>	<i>Integrin A11</i>	001004439-012211	F=5'-CATCCTGAAGACACCTAAGC-3' R=5'-CTGGCATGTATCTGAACC-3'	183
<i>ITGAV</i>	<i>Integrin AV</i>	002210	F=5'-CAGTCCCATCTCAAATCC-3' R=5'-CTGGCCCTGTATAAGATAGC-3'	160
<i>Nurr1</i> (<i>NR4A2</i>)*	<i>nuclear receptor subfamily 4, group A, member 2</i>	006186	F=5'-TTGCCAGATGCGCTTCGACG-3' R=5'-CCAACAGCCAGGCACTTCTG-3'	414
<i>DAT</i> *	<i>Dopamine transporter</i>	001044	F=5'-GAAGTGGTATGGATCACAG-3' R=5'-GTAGAAGTCAACGCTCAGGT-3'	121
<i>TH</i> *	<i>Tyrosine hydroxylase</i>	199292-000360-199293	F=5'-CACCATCTAGAGACCCGGCC-3' R=5'-GCAATCAGCTTCTGCGCTG-3'	290
<i>NT3</i>	<i>Neurotrophin 3</i>	Commercial primers ordered from Qiagen, ref #QT00204218		
<i>NGF</i>	<i>Nerve growth factor</i>	Commercial primers ordered from Qiagen, ref #QT00001589		
<i>BDNF</i>	<i>Brain-derived neurotrophic factor</i>	Commercial primers ordered from Qiagen, ref #QT00235368		
<i>GDNF</i>	<i>Glial cell line-derived neurotrophic factor</i>	Commercial primers ordered from Qiagen, ref #QT00043330		
<i>STC1</i> *	<i>Stanniocalcin 1</i>	003155	F=5'-AGGCAAGGCTGACTTCTCTG-3' R=5'-AACTACTGTGCGCATTTGGG-3'	102

*Primers ordered from Origen, USA