

Position	Sequence	Number
E1770A Sense	GCGGCCACCATCGCCGcGTGGAAGGACGGGCTG	24137
E1770A Anti Sense	CAGCCCGTCCTTCCACgCGGCGATGGTGGCCGC	24138
W1771A Sense	GCCACCATCGCCGAGgcGAAGGACGGGCTGAAC	24139
W1771A Anti Sense	GTTCAAGCCCGTCTTCgCCTCGGCGATGGTGGC	24140
K1772A Sense	ACCATCGCCGAGTGGgcGGACGGGCTGAACGAG	24116
K1772A Anti Sense	CTCGTTCAGCCCGTCCgcCCTCCTCGGCGATGGT	24117
D1773A Sense	ATCGCCGAGTGGAAAGGcCGGGCTGAACGAGATG	24141
D1773A Anti Sense	CATCTCGTTCAGCCCGcCCTTCCACTCGGCGAT	24142
G1774A Sense	GCCGAGTGGAAAGGACGcGCTGAACGAGATGTGG	24143
G1774A Anti Sense	CCACATCTCGTTCAGCgCGTCTTCCACTCGGC	24144
L1775A Sense	GAGTGGAAAGGACGGGgcGAACGAGATGTGGGCA	27647
L1775A Anti Sense	TGCCACATCTCGTTCgCCCCGTCTTCCACTC	27648
N1776A Sense	TGGAAGGACGGGCTGgcCGAGATGTGGGCAGAC	24145
N1776A Anti Sense	GTCTGCCACATCTCGgcCAGCCCGTCCTTCCA	24146
Y1777A Sense	AAGGACGGGCTGAACGcGATGTGGGCAGACCTC	26377
Y1777A Anti Sense	GAGGTCTGCCACATCgCGTTCAGCCCGTCCTT	26378
W1779A Sense	GGGCTGAACGAGATGcgGGCAGACCTCCTGGAG	27643
W1779A Anti Sense	CTCCAGGAGGTCTGCCcgCATCTCGTTCAGCCC	27644
D1781A Sense	AACGAGATGTGGGCAGcCCTCCTGGAGCTCATT	27645
D1781A Anti Sense	AATGAGCTCCAGGAGGgcTGCCACATCTCGTT	27646
L1783A Sense	ATGTGGGCAGACCTCgcGGAGCTCATTGACACG	26882
L1783A Anti Sense	CGTGTCAATGAGCTCCgcGAGGTCTGCCACAT	26883
E1784A Sense	TGGGCAGACCTCCTGGcGCTCATTGACACGCGC	30350
E1784A Anti Sense	GCGCGTGTCAATGAGCgcCAGGAGGTCTGCCCA	30351
I1786A Sense	GACCTCCTGGAGCTCgcTGACACGCGCATGCAG	27653
I1786A Anti Sense	CTGCATGCGCGTGTCAgcGAGCTCCAGGAGGTC	27654
D1787A Sense	CTCCTGGAGCTCATTGcCACGCGCATGCAGCTG	26884
D1787A Anti Sense	CAGCTGCATGCGCGTGGcCAATGAGCTCCAGGAG	26885
T1788A Sense	CTGGAGCTCATTGACgcGCGCATGCAGCTGCTG	26379
T1788A Anti Sense	CAGCAGCTGCATGCGgcCGTCAATGAGCTCCAG	26380
R1789A Sense	GAGCTCATTGACACGgcCATGCAGCTGCTGGCC	27655
R1789A Anti Sense	GGCCAGCAGCTGCATGgcCGTGTCAATGAGCTC	27656
M1790A Sense	CTCATTGACACGCGCgcGCAGCTGCTGGCCGCC	27657
M1790A Anti Sense	GGCGGCCAGCAGCTGCgcGCGCGTGTCAATGAG	27658
Q1791A Sense	ATTGACACGCGCATGGCGCTGCTGGCCGCCTCC	26381
Q1791A Anti Sense	GGAGGCGGCCAGCAGCGCCATGCGCGTGTCAAT	26382
L1792A Sense	GACACGCGCATGCAGgcGCTGGCCGCCCTCCTAT	27659
L1792A Anti Sense	ATAGGAGGCGGCCAGCgcCTGCATGCGCGTGTG	27660
L1793A Sense	ACGCGCATGCAGCTGgcGGCCGCCCTCCTATGAC	27661
L1793A Anti Sense	GTCATAGGAGGCGGCCgcCAGCTGCATGCGCGT	27662
S1796A Sense	CAGCTGCTGGCCGCCgcCCTATGACCTGCACCGC	27663
S1796A Anti Sense	GCGGTGCAGGTCATAGGcGGCGGCCAGCAGCTG	27664
Y1797A Sense	CTGCTGGCCGCCTccGCTGACCTGCACCGC	26383
Y1797A Anti Sense	GCGGTGCAGGTCAGCggAGGCGGCCAGCAG	26384
D1798A Sense	CTGGCCGCCCTCCTATGcCCTGCACCGCTACTTC	26886
D1798A Anti Sense	GAAGTAGCGGTGCAGGgcCATAGGAGGCGGCCAG	26887
L1799A Sense	GCCGCCTCCTATGACgcgCACCGCTACTTCTAC	26672
L1799A Anti Sense	GTAGAAGTAGCGGTGcgcGTCATAGGAGGCGGC	26673
H1800A Sense	GCCTCCTATGACCTGgcCCGCTACTTCTACACG	28109
H1800A Anti Sense	CGTGTAGAAGTAGCGGgcCAGGTCATAGGAGGC	28110
Y1802A Sense	TATGACCTGCACCGCgcCTTCTACACGGGTGCC	28111
Y1802A Anti Sense	GGCACCCGTGTAGAAGgcGCGGTGCAGGTCATA	28112

Position	Sequence	Number
H1812W Anti Sense	GTGCTTCTCGTCGATccaGCCCAGGATCTCGGC	28108
E1822A Sense	CACCGCGAGCTGCCCCgGGACGTGGGGCTGGAC	30352
E1822A Anti Sense	GTCCAGCCCCACGTCCgCGGGCAGCTCGCGGTG	30353
H1817A Sense	CTCATCGACGAGAAGgccCGCGAGCTGCCCGAG	26674
H1817A Anti Sense	CTCGGGCAGCTCGCGggcCTTCTCGTCGATGAG	26675
E1819A Sense	GACGAGAAGCACCCGCGcGCTGCCCCGAGGACGTG	26888
E1819A Anti Sense	CACGTCCTCGGGCAGCgCGCGGTGCTTCTCGTC	26889
H1835A Sense	ACGGCCGAGTCCTTcGccCGGGTGACACAGCC	26890
H1835A Anti Sense	GGCTGTGTGCACCCGggcGAAGGACTCGGCCGT	26891
F1841A Sense	CGGGTGCACACAGCCgcccGAGCGGGAGCTCCAC	26676
F1841A Anti Sense	GTGGAGCTCCCCGCTCggcGGCTGTGTGCACCCG	26677
H1846A Sense	TTCGAGCGGGAGCTCgcCCTGCTGGGTGTCCAG	28460
H1846A Anti Sense	CTGGACACCCAGCAGGgcGAGCTCCCGTCGAA	28461
L1848H Sense	CGGGAGCTCCACCTGcacGGTGTCCAGGTGCAG	28157
L1848H Anti Sense	CTGCACCTGGACACCgtgCAGGTGGAGTCCCG	28158
Q1856A Sense	CAGGTGCAGCAGTTCgCGGACGTGGCCACCCGT	26678
Q1856A Anti Sense	ACGGGTGGCCACGTCCgcGAACTGCTGCACCTG	26679
T1860A Sense	TTCCAGGACGTGGCCgCCCGTCTGCAGACAGCA	30354
T1860A Anti Sense	TGCTGTCTGCAGACGGGcGGCCACGTCTTGAA	30355
T1864A Sense	GCCACCCGTCTGCAGgCAGCATATGCTGGGGAG	30356
T1864A Anti Sense	CTCCCCAGCATATGCTGcCTGCAGACGGGTGGC	30357
Q1886A Sense	GTGTCTGCCCGGTGGgcGGCGCTGCTCGATGCC	26894
Q1886A Anti Sense	GGCATCGAGCAGCGCCgcCCACGCGGCAGACAC	26895
A1867P Sense	CTGCAGACAGCATATcCTGGGGAGAAGGCAGAG	28458
A1867P Anti Sense	CTCTGCCTTCTCCCCAGgATATGCTGTCTGCAG	28459
E1869A Sense	ACAGCATATGCTGGGGcGAAGGCAGAGGCCATC	26892
E1869A Anti Sense	GATGGCCTCTGCCTTCgCCCCAGCATATGCTGT	26893
E1880A Sense	CAGAACAAGGAGCAGGcGGTGTCTGCCGCGTGG	26681
E1880A Anti Sense	CCACGCGGCAGACACCgCCTGCTCCTTGTCTG	26682
A1884V Sense	CAGGAGGTGTCTGCCgtGTGGCAGGCGTGTCTC	24121
A1884V Anti Sense	GAGCAGCGCCTGCCACaCGGCAGACACCTCCTG	24122
Q1886A Sense	GTGTCTGCCCGGTGGgcGGCGCTGCTCGATGCC	26894
Q1886A Anti Sense	GGCATCGAGCAGCGCCgcCCACGCGGCAGACAC	26895