A
Msh6 V397E
CTGTATGAGCCTGAA
L Y E P E
Msh6 WT
CTGTATGTGCCTGAA
L Y V P E
Msh6 G683D
CTAGGTGATATTGTT
L G D I V
Msh6 WT
CTAGGTGGTATTGTT
L G G I V
Msh6 L448P
CTGGGGCYGATATTC
L G P I F
Msh6 WT
CTGGGGCTGATATTC
L G L I F
Msh6 F703S
GCTAATTCTGAAGAG
A N S E E
Msh6 WT
GCTAATTTTGAAGAG
A N G E E
Msh6 G1137S
ATGGGGAGCAAGTCT
M G S K S
Msh6 WT
ATGGGGGGCAAGTCT
M G G K S
Msh6 L1060R
CTGTGCCKGGCTAAC
L C R A N
Msh6 WT
CTGTGCCTGGCTAAC
L C L A N
Msh6 R1332Q
CTATTTCRGTAATTA
L F Q intron
Msh6 WT
CTATTTCGGTAATTA
L F R intron
Msh6 E1191K
TTTGTTRAGTTGAGT
F V K L S
Msh6 WT
TTTGTTGAGTTGAGT
F V E L S
B
Msh6 R510G
GTGAGARGGGAGATT
V R G E I
Msh6 WT
GTGAGAAGGGAGATT
V R R E I
Msh6 T1217D
AGAGGCRMCGCAACT
R G D A T
Msh6 T1217I
AGAGGCAYCGCAACT
R G I A T
Msh6 WT
AGAGGCACCGCAACT
R G T A T
Msh6 A586P
CTAGTGSCTCCACTAT
L V P H Y
Msh6 WT
CTAGTGGCTCACTAT
L V A H Y
C
Msh6 G565R
TCACTGSGCAAGTTT
S L R K F
Msh6 WT
TCACTGGGCAAGTTT
S L G K F