Eag domain
Cap region
K28E
PAS (Per-Arnt-Sim) domain
F29L
I31S
I31S
N33T
Y43C
G53R
R56Q
T65P
C66G
H70R
P72Q
A78P
L86R
M124R/M124T
R148W
R181Q (polymorphism)
R176W (polymorphism)
R328C
P347S (polymorphism)
Transmembrane domain 1
Transmembrane domain 2
Transmembrane domain 3
T421M
A422T
T436M
D456Y
N470D
T474I
A490T
Transmembrane domain 3
Transmembrane domain 4
Transmembrane domain 5
Pore helix
Transmembrane domain 6
D501N
R531Q/R531W
R534C/R534L
L552S
H562P
A561P/A561T/A561V
L564P
W568C
I571L
G572S/G572R
R582C
G584S
I593R
P596R
G601C
G604S
D609N/D609G
Y611H
V612L
T613M
A614V
S621N
T623I
N629D/N629S/N629K
F627L
G628S
N633D/N633S
V630L/V630A
E637K
F640V
M645V
C-linker/cNBD
Transmembrane domain 6
CNB domain (cyclic nucleotide binding domain)
L678P
L693P
R696C/R696P
S706C
R752W/R752Q
D774Y
R784W
F805C
S818L
V822M
R823W
C-linker/cNBD
CNB domain (cyclic nucleotide binding domain)
A915V (polymorphism)
P917L (polymorphism)
R922W
G873S (polymorphism)
R885C
R887H
K897T (polymorphism)
A913V
N996I
R1047L (polymorphism)
A1058E (polymorphism)
Q1068R (polymorphism)
G1036D