1.0
0.0
−1.0
−2.0
-3.0
−4.0
Fitness Effect (%)
+/+
T231A/+
G514C/+
T521K/+
R64C/+
D295N/+
pgm1Δ/+
pgm1Δ/pgm1Δ
S120A/+
S120A/S120A
PGM1 Genotype