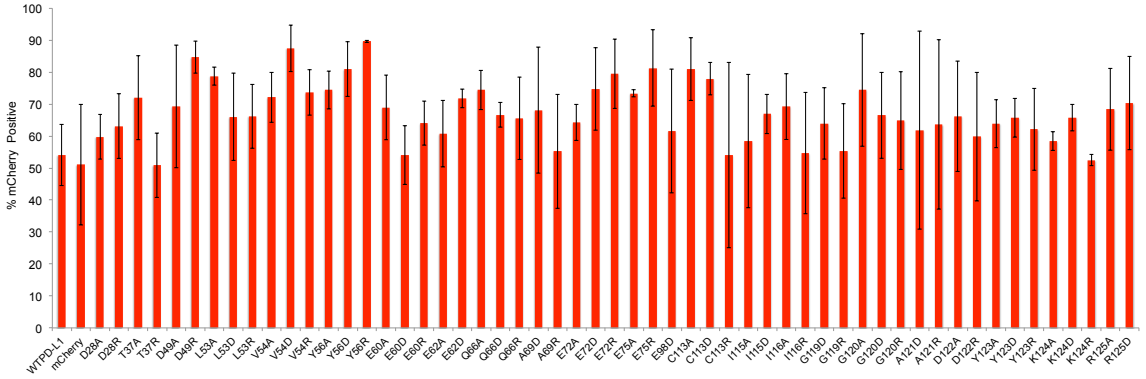
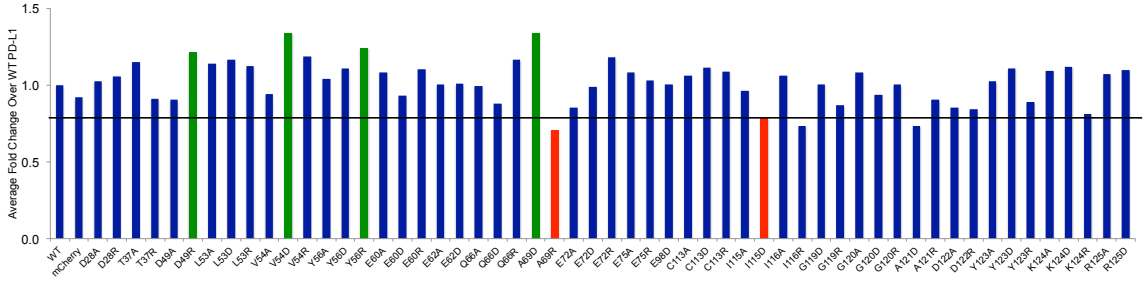
Figure S3


% mCherry Positive
100
90
80
70
60
50
40
30
20
10
0
WTPD-L1
mCherry
D26A
D26R
T37A
T37R
D49A
D49R
L53A
L53D
L53R
V54A
V54D
V54R
Y56A
Y56D
Y56R
E60A
E60D
E60R
E62A
E62D
Q66A
Q66D
Q66R
A69D
A69R
E72A
E72D
E72R
E75A
E75R
E98D
C113A
C113D
C113R
I115A
I115D
I116A
I116R
G119D
G119R
G120A
G120D
G120R
A121D
A121R
D122A
D122R
Y123A
Y123D
Y123R
K124A
K124D
K124R
R125A
R125D


Average Fold Change Over WT PD-L1
1.5
1.0
0.5
0.0
WT
mCherry
D26A
D26R
T37A
T37R
D49A
D49R
L53A
L53D
L53R
V54A
V54D
V54R
Y56A
Y56D
Y56R
E60A
E60D
E60R
E62A
E62D
Q66A
Q66D
Q66R
A69D
A69R
E72A
E72D
E72R
E75A
E75R
E98D
C113A
C113D
C113R
I115A
I115D
I116A
I116R
G119D
G119R
G120A
G120D
G120R
A121D
A121R
D122A
D122R
Y123A
Y123D
Y123R
K124A
K124D
K124R
R125A
R125D