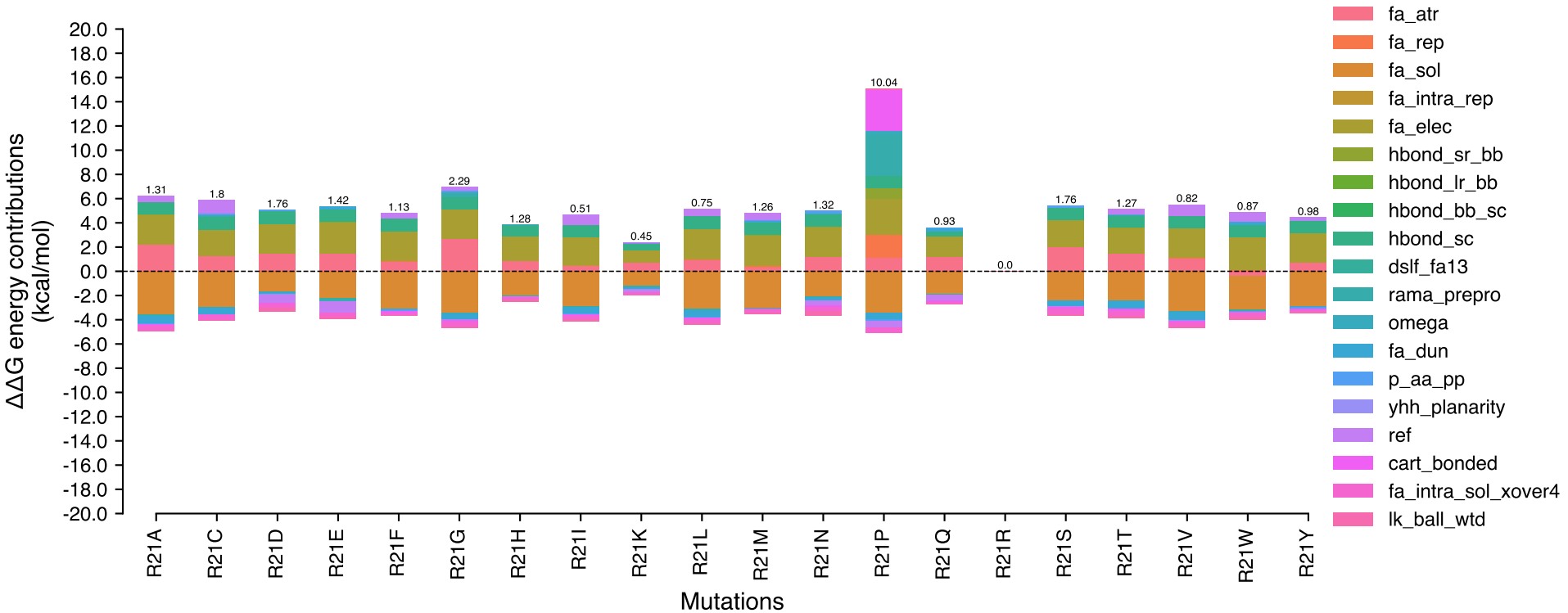
ΔΔG energy contributions (kcal/mol)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
-6.0
-8.0
-10.0
-12.0
-14.0
-16.0
-18.0
-20.0
1.31
1.8
1.76
1.42
1.13
2.29
1.28
0.51
0.45
0.75
1.26
1.32
10.04
0.93
0.0
1.76
1.27
0.82
0.87
0.98
R21A
R21C
R21D
R21E
R21F
R21G
R21H
R21I
R21K
R21L
R21M
R21N
R21P
R21Q
R21R
R21S
R21T
R21V
R21W
R21Y
Mutations
fa_atr
fa_rep
fa_sol
fa_intra_rep
fa_elec
hbond_sr_bb
hbond_lr_bb
hbond_bb_sc
hbond_sc
dslf_fa13
rama_prepro
omega
fa_dun
p_aa_pp
yhh_planarity
ref
cart_bonded
fa_intra_sol_xover4
lk_ball_wtd