

**Supplementary Table 3.** Frequency of *MET* tyrosine kinase domain (TKD) mutations in cohort #2 according to amino acid residue, out of a total of 2,559 *MET* TKD mutations.

MET residue	Number	% out of a total of 2,559 mutations
R1170*/Q/L/G/P	125	4.88
R1166Q*/H/L	98	3.83
R1148Q*/L	91	3.56
H1094Y/L/R/N/D	87	3.40
R1327C/H/P/G/L/_P1328>SQ	75	2.93
R1336Q/W/L/_I1337>WL/G/P	59	2.31
V1271M/L	55	2.15
E1325K*	44	1.72
Y1230H/C/D*/F/G/N/S	40	1.56
D1228N/H/Y/E/_M1229>K	38	1.48
L1195V/F/R	38	1.48
G1119E/R*/del/fs*7/K/V	27	1.06
G1163E/A/R*/V	26	1.02
E1127K*/D/G/Q	25	0.98
P1153L/3/2/A	25	0.98
D1101N/H/Y/G	24	0.94
X1312_splice	24	0.94
D1133N/H/Y	23	0.90
M1250T/I/L/V	23	0.90
N1081S/T	23	0.90
V1287I/L/A	23	0.90
W1320*/C/R/L	20	0.78
E1306K*/T	18	0.70
H1106D/Y/N/fs*11/fs*12	18	0.70
P1283S/H/L/T/fs*4/fs*5/I/R	18	0.70
M1229L/I/V/fs*3/R/T	17	0.66
E1314K*/V	16	0.63
P1285S/A	16	0.63
D1180V/Y/H/E/fs*31	15	0.59
D1291N/H/A/fs*16/fs*2/V	15	0.59
R1086K/T/I/G/S	15	0.59
V1092I/L	15	0.59
G1085E//R/V/*A	14	0.55
G1151R/E/W/A/V	14	0.55
S1141L*/W	14	0.55
V1220A/I/F/G	14	0.55
X1174_splice	14	0.55

D1099N/E/fs*11/G	13	0.51
E1214K*/G/Q	13	0.51
E1275K*/>LLWK/Q	13	0.51
M1211V/fs*36/I	13	0.51
R1301K/T*/I	13	0.51
S1236R/N/T/C/G/I	13	0.51
A1108V/D/T	12	0.47
F1200I/L/V/C/fs*15/Y	12	0.47
K1199fs*49/M/fs*14/fs*15/N/R	12	0.47
L1165I/F/V/P	12	0.47
P1311L/S/H/R/T	12	0.47
X1211_splice	12	0.47
D1164N/G/Y/H	11	0.43
G1280E/2/fs*6/R/V	11	0.43
M1131I/V	11	0.43
M1277I/del/L/V	11	0.43
R1227K/T/G/fs*21/I/S	11	0.43
S1268F/C/P/T	11	0.43
S1329F/fs*23/T/Y	11	0.43
X1266_splice	11	0.43
D1222N/A/Y/E/fs*26	10	0.39
E1082K*/D/G	10	0.39
F1080L/S/fs*17/V	10	0.39
G1144R/E/V	10	0.39
I1292V/M/R/T	10	0.39
M1160I/3/L/V	10	0.39
P1328L/S/Q	10	0.39
S1135N/R/C/I/T	10	0.39
T1343A/I/N/S	10	0.39
X1086_splice	10	0.39
A1281T/V/D/S	9	0.35
D1286H/N/Y/G/_T1293del	9	0.35
E1172*/K/Q	9	0.35
E1253K*/fs*24/G/Q	9	0.35
E1332K*/1	9	0.35
F1168L/_N1171del/S	9	0.35
G1128E/R*/A/fs*4	9	0.35
I1084M/L/T	9	0.35
I1105L/F/M/N/S	9	0.35
L1181R/I/F/P/V	9	0.35
P1137S/H/L/T	9	0.35

S1111F/Y/fs*2	9	0.35
S1122F/I/Y	9	0.35
S1152F/G/Y/P/T	9	0.35
W1274*/L/F	9	0.35
A1226S/fs*6/fs*22/P/T/V	8	0.31
C1146Y/fs*16*/F/W	8	0.31
E1120D/K/*	8	0.31
F1341L/I/S/V	8	0.31
G1090S/V/C/D/F/fs*19	8	0.31
I1182T/_G1183insl/del/L/M/S/V	8	0.31
K1215I/N/T/R	8	0.31
L1205V/_A1207>T/M/S	8	0.31
M1192I/V	8	0.31
M1326I/R/T	8	0.31
N1100T/D/H/I/K/S/Y	8	0.31
P1282S/L/Q/fs*6	8	0.31
P1322S/A/L	8	0.31
R1208K/fs*6/G/T	8	0.31
S1331F/A/fs*2/P	8	0.31
T1289I/A/N/S	8	0.31
W1267*/C/fs*10/fs*8/L	8	0.31
A1206V/S/fs*42/T	7	0.27
A1207E/G/S/T/V	7	0.27
D1117N/G/H	7	0.27
D1213H/del/V/Y	7	0.27
G1087W/R/A/V	7	0.27
G1183S/C/I/V	7	0.27
G1242D/V/C/R/S	7	0.27
G1299E/R	7	0.27
H1079Y/P/L	7	0.27
H1136Y/N/Q/R	7	0.27
L1097F/V/fs*10/V	7	0.27
L1140F/V	7	0.27
L1302P/_L1303>RLL/F/H/I/V	7	0.27
Q1187*/P/R	7	0.27
R1203I/fs*12/K/T	7	0.27
R1279T/G/I/K/S	7	0.27
T1217A/fs*5/I/K	7	0.27
V1109L/E/fs*1/I/M	7	0.27
V1237I/A/E/L	7	0.27
Y1093C/N*/D	7	0.27

A1324V/T/S	6	0.23
E1150K/*	6	0.23
E1233K/Q*/G	6	0.23
F1216L/I	6	0.23
F1260L/C/fs*27	6	0.23
G1095E/V	6	0.23
G1185fs*30/C/D/fs*4/S	6	0.23
G1224S/A/C/D/R	6	0.23
G1270S/D/C	6	0.23
K1259fs*18/T/M/V	6	0.23
Q1123*/H/K/R	6	0.23
Q1258E/L/fs*15/K	6	0.23
S1264*/L	6	0.23
T1126I/S	6	0.23
T1261A/S/I/N	6	0.23
V1083I/_I1084>EL/F/fs*24/L	6	0.23
V1139I/A/F/G	6	0.23
V1218I/A/F/fs*27/L	6	0.23
V1334A/L/_F1344del/M	6	0.23
W1249*/C/R	6	0.23
Y1194C/fs*22/H	6	0.23
Y1234*/C/fs*3/H	6	0.23
Y1295H*/C/F/S	6	0.23
A1243E/T/V	5	0.20
A1251D/T	5	0.20
C1210S/fs*4/F/R	5	0.20
C1319Y/F	5	0.20
F1330C/fs*3/L/V/Y	5	0.20
F1344fs*9/L/S	5	0.20
G1191D/S/R	5	0.20
H1088R/Q	5	0.20
H1174Y/D/fs*5/N	5	0.20
H1238R/D/L/Y	5	0.20
H1321Y/N/Q	5	0.20
I1130del/M	5	0.20
I1337V/K/L/M	5	0.20
K1179N/E	5	0.20
K1244N/E/M	5	0.20
K1263E*/M	5	0.20
K1323E/R/I	5	0.20
L1273F/R	5	0.20

L1312F/*	5	0.20
L1333P/M/R	5	0.20
P1158L/S/Q	5	0.20
P1176L/S/T	5	0.20
P1305L	5	0.20
R1114K	5	0.20
R1300*/G/I/K	5	0.20
S1342F/C/P	5	0.20
T1262A/S	5	0.20
V1294A/fs*20/fs*22/L	5	0.20
X1113_splice	5	0.20
X1311_splice	5	0.20
A1196T/P/V	4	0.16
A1221S/T/V	4	0.16
D1231N/Y	4	0.16
D1265H/N	4	0.16
F1223C/S/V/Y	4	0.16
I1115L/M/T/V	4	0.16
I1145M/N/V	4	0.16
I1169F/L/M	4	0.16
K1103E/N/R	4	0.16
K1219N*/E	4	0.16
K1232N/E/T	4	0.16
L1112F	4	0.16
L1125V	4	0.16
L1142F/I	4	0.16
L1186F/R/V	4	0.16
L1225V/F/I	4	0.16
L1296F/fs*20/V	4	0.16
L1303I/del	4	0.16
L1317Q/P/R	4	0.16
N1167D/fs*12/fs*6/T	4	0.16
N1288D/I/S/Y	4	0.16
S1197R/G/T	4	0.16
S1338L/*	4	0.16
T1173I/N/S	4	0.16
T1293A/fs*14/fs*21/I	4	0.16
V1156I/A	4	0.16
V1188L/F/I	4	0.16
V1315I/L	4	0.16
Y1159F/C/H	4	0.16

A1339V/_I1340>AI	3	0.12
C1107R/S/W	3	0.12
C1308Y/F	3	0.12
D1310H/Y	3	0.12
F1134C/fs*27/I	3	0.12
G1102D/S	3	0.12
H1202fs*12/L/Y	3	0.12
I1129N/fs*2	3	0.12
I1340V/M	3	0.12
I1345V	3	0.12
K1110fs*3/I/N	3	0.12
K1161fs*18/I/R	3	0.12
K1193E/N	3	0.12
K1248T/N	3	0.12
L1143M/Q/V	3	0.12
L1147P/M	3	0.12
L1157I/P/V	3	0.12
L1255M/V	3	0.12
M1316I/T	3	0.12
N1209D/K/S	3	0.12
N1239S	3	0.12
Q1298*/H/R	3	0.12
Q1304P/*	3	0.12
S1254I/R/T	3	0.12
S1335F/P	3	0.12
T1096I/S	3	0.12
T1241fs*7/I/R	3	0.12
T1278A/I/K	3	0.12
V1155M/A	3	0.12
A1189S/V	2	0.08
C1091R/Y	2	0.08
F1089fs*16/fs*21	2	0.08
F1124L	2	0.08
F1290C/V	2	0.08
H1162L/N	2	0.08
I1118T	2	0.08
K1104E/N	2	0.08
K1132E/N	2	0.08
K1240I/R	2	0.08
K1318*/I	2	0.08
L1098*/F	2	0.08

L1212P/V	2	0.08
L1252F/fs*25	2	0.08
L1272F/H	2	0.08
L1276P/V	2	0.08
L1297F	2	0.08
N1138D/S	2	0.08
Q1256K/R	2	0.08
S1149N/R	2	0.08
T1116A/P	2	0.08
V1178A/E	2	0.08
V1201A/F	2	0.08
V1247L	2	0.08
V1266del/M	2	0.08
Y1235C/fs*1	2	0.08
Y1284F	2	0.08
Y1307*/F	2	0.08
Y1313C	2	0.08
D1204E	1	0.04
F1184L	1	0.04
F1269fs*17	1	0.04
K1190N	1	0.04
K1198I	1	0.04
L1154R	1	0.04
L1245M	1	0.04
N1113S	1	0.04
N1171S	1	0.04
P1246L	1	0.04
P1309S	1	0.04
T1177S	1	0.04
T1257S	1	0.04
V1078G	1	0.04
X1302_splice	1	0.04