[図1]

配列番号１：ヒト化抗ＨＥＲ２抗体重鎖のアミノ酸配列

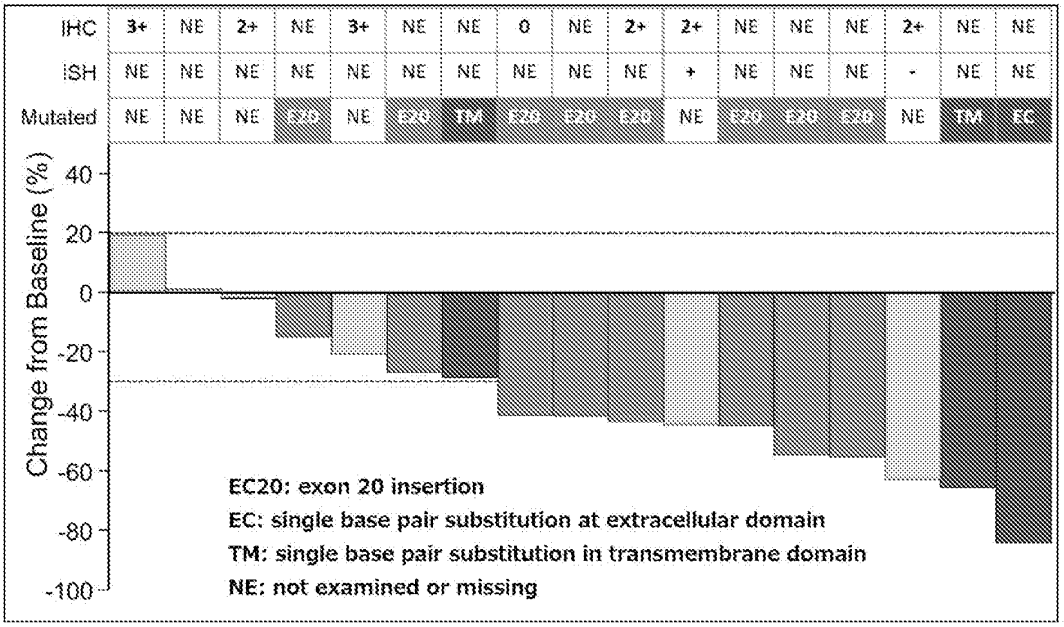
EVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVR
QAPGKGLEWVARIYPTNGYTRYADSVKGRFTISADTSK
NTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGT
LVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDY
FPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVT
VPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHT
CPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV
VDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYR
VVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA
KGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

[図2]

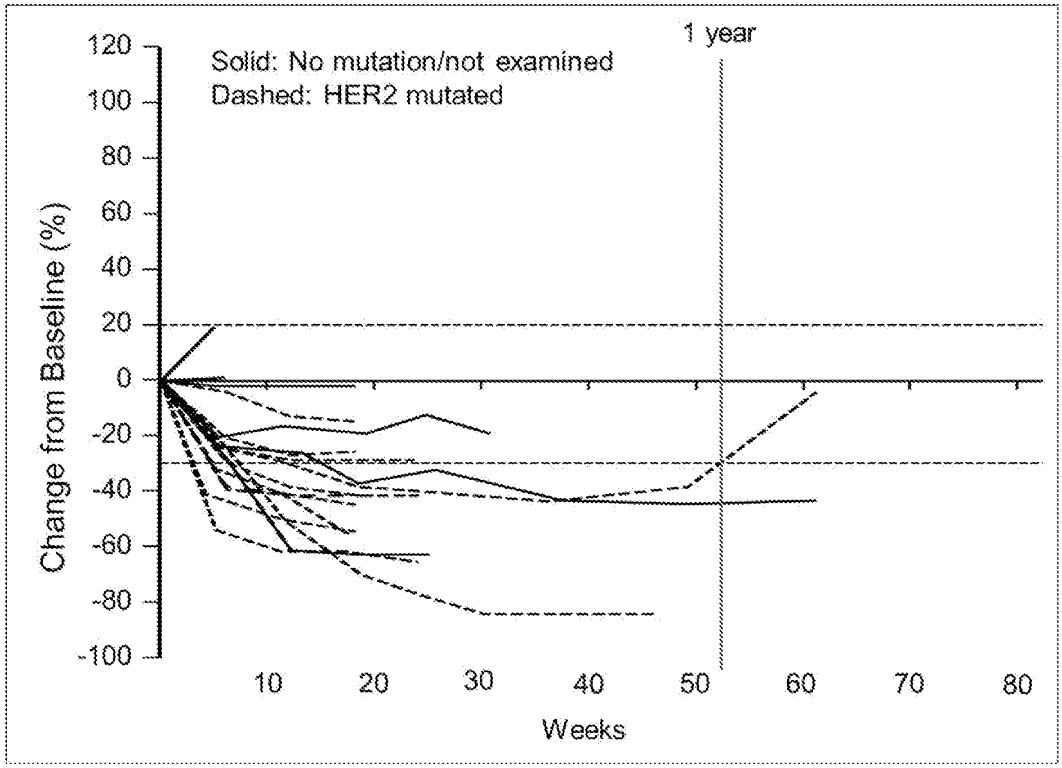
配列番号２：ヒト化抗ＨＥＲ２抗体軽鎖のアミノ酸配列

DIQMTQSPSSLSASVGDRVTITCRASQDVNTAVAWYQQ
KPGKAPKLLIYSASFLYSGVPSRFSGSRSGTDFTLTIS
SLQPEDFATYYCQQHYTTPPTFGQGTKVEIKRTVAAPS
VFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDN
ALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHK
VYACEVTHQGLSSPVTKSFNRGEC

[図3]


IHC 3+ NE 2+ NE 3+ NE NE 0 NE 2+ 2+ NE NE NE 2+ NE NE
ISH NE NE NE NE NE NE NE NE NE NE + NE NE NE - NE NE
Mutated NE NE NE EC NE EC TM EC EC EC NE EC EC EC NE TM EC
Change from Baseline (%)
40
20
0
-20
-40
-60
-80
-100
EC20: exon 20 insertion
EC: single base pair substitution at extracellular domain
TM: single base pair substitution in transmembrane domain
NE: not examined or missing

[図4]


1 year
Solid: No mutation/not examined
Dashed: HER2 mutated
Change from Baseline (%)
120
100
80
60
40
20
0
-20
-40
-60
-80
-100
10
20
30
40
50
60
70
80
Weeks

[図5]

配列番号３：ＨＥＲ２蛋白のアミノ酸配列

ＭＥＬＡＡＬＣＲＷＧＬＬＬＡＬＬＰＰＧＡＡＳＴＱＶＣＴＧＴＤＭＫＬＲＬＰＡＳ
ＰＥＴＨＬＤＭＬＲＨＬＹＱＧＣＱＶＶＱＧＮＬＥＬＴＹＬＰＴＮＡＳＬＳＦＬＱＤ
ＩＱＥＶＱＧＹＶＬＩＡＨＮＱＶＲＱＶＰＬＱＲＬＲＩＶＲＧＴＱＬＦＥＤＮＹＡＬ
ＡＶＬＤＮＧＤＰＬＮＮＴＴＰＶＴＧＡＳＰＧＧＬＲＥＬＱＬＲＳＬＴＥＩＬＫＧＧ
ＶＬＩＱＲＮＰＱＬＣＹＱＤＴＩＬＷＫＤＩＦＨＫＮＮＱＬＡＬＴＬＩＤＴＮＲＳＲ
ＡＣＨＰＣＳＰＭＣＫＧＳＲＣＷＧＥＳＳＥＤＣＱＳＬＴＲＴＶＣＡＧＧＣＡＲＣＫ
ＧＰＬＰＴＤＣＣＨＥＱＣＡＡＧＣＴＧＰＫＨＳＤＣＬＡＣＬＨＦＮＨＳＧＩＣＥＬ
ＨＣＰＡＬＶＴＹＮＴＤＴＦＥＳＭＰＮＰＥＧＲＹＴＦＧＡＳＣＶＴＡＣＰＹＮＹＬ
ＳＴＤＶＧＳＣＴＬＶＣＰＬＨＮＱＥＶＴＡＥＤＧＴＱＲＣＥＫＣＳＫＰＣＡＲＶＣ
ＹＧＬＧＭＥＨＬＲＥＶＲＡＶＴＳＡＮＩＱＥＦＡＧＣＫＫＩＦＧＳＬＡＦＬＰＥＳ
ＦＤＧＤＰＡＳＮＴＡＰＬＱＰＥＱＬＱＶＦＥＴＬＥＥＩＴＧＹＬＹＩＳＡＷＰＤＳ
ＬＰＤＬＳＶＦＱＮＬＱＶＩＲＧＲＩＬＨＮＧＡＹＳＬＴＬＱＧＬＧＩＳＷＬＧＬＲ
ＳＬＲＥＬＧＳＧＬＡＬＩＨＨＮＴＨＬＣＦＶＨＴＶＰＷＤＱＬＦＲＮＰＨＱＡＬＬ
ＨＴＡＮＲＰＥＤＥＣＶＧＥＧＬＡＣＨＱＬＣＡＲＧＨＣＷＧＰＧＰＴＱＣＶＮＣＳ
ＱＦＬＲＧＱＥＣＶＥＥＣＲＶＬＱＧＬＰＲＥＹＶＮＡＲＨＣＬＰＣＨＰＥＣＱＰＱ
ＮＧＳＶＴＣＦＧＰＥＡＤＱＣＶＡＣＡＨＹＫＤＰＰＦＣＶＡＲＣＰＳＧＶＫＰＤＬ
ＳＹＭＰＩＷＫＦＰＤＥＥＧＡＣＱＰＣＰＩＮＣＴＨＳＣＶＤＬＤＤＫＧＣＰＡＥＱ
ＲＡＳＰＬＴＳＩＩＳＡＶＶＧＩＬＬＶＶＶＬＧＶＶＦＧＩＬＩＫＲＲＱＱＫＩＲＫ
ＹＴＭＲＲＬＬＱＥＴＥＬＶＥＰＬＴＰＳＧＡＭＰＮＱＡＱＭＲＩＬＫＥＴＥＬＲＫ
ＶＫＶＬＧＳＧＡＦＧＴＶＹＫＧＩＷＩＰＤＧＥＮＶＫＩＰＶＡＩＫＶＬＲＥＮＴＳ
ＰＫＡＮＫＥＩＬＤＥＡＹＶＭＡＧＶＧＳＰＹＶＳＲＬＬＧＩＣＬＴＳＴＶＱＬＶＴ
ＱＬＭＰＹＧＣＬＬＤＨＶＲＥＮＲＧＲＬＧＳＱＤＬＬＮＷＣＭＱＩＡＫＧＭＳＹＬ
ＥＤＶＲＬＶＨＲＤＬＡＡＲＮＶＬＶＫＳＰＮＨＶＫＩＴＤＦＧＬＡＲＬＬＤＩＤＥ
ＴＥＹＨＡＤＧＧＫＶＰＩＫＷＭＡＬＥＳＩＬＲＲＲＦＴＨＱＳＤＶＷＳＹＧＶＴＶ
ＷＥＬＭＴＦＧＡＫＰＹＤＧＩＰＡＲＥＩＰＤＬＬＥＫＧＥＲＬＰＱＰＰＩＣＴＩＤ
ＶＹＭＩＭＶＫＣＷＭＩＤＳＥＣＲＰＲＦＲＥＬＶＳＥＦＳＲＭＡＲＤＰＱＲＦＶＶ
ＩＱＮＥＤＬＧＰＡＳＰＬＤＳＴＦＹＲＳＬＬＥＤＤＤＭＧＤＬＶＤＡＥＥＹＬＶＰ
ＱＱＧＦＦＣＰＤＰＡＰＧＡＧＧＭＶＨＨＲＨＲＳＳＳＴＲＳＧＧＧＤＬＴＬＧＬＥ
ＰＳＥＥＥＡＰＲＳＰＬＡＰＳＥＧＡＧＳＤＶＦＤＧＤＬＧＭＧＡＡＫＧＬＱＳＬＰ
ＴＨＤＰＳＰＬＱＲＹＳＥＤＰＴＶＰＬＰＳＥＴＤＧＹＶＡＰＬＴＣＳＰＱＰＥＹＶ
ＮＱＰＤＶＲＰＱＰＰＳＰＲＥＧＰＬＰＡＡＲＰＡＧＡＴＬＥＲＰＫＴＬＳＰＧＫＮ
ＧＶＶＫＤＶＦＡＦＧＧＡＶＥＮＰＥＹＬＴＰＱＧＧＡＡＰＱＰＨＰＰＰＡＦＳＰＡ
ＦＤＮＬＹＹＷＤＱＤＰＰＥＲＧＡＰＰＳＴＦＫＧＴＰＴＡＥＮＰＥＹＬＧＬＤＶＰ
Ｖ