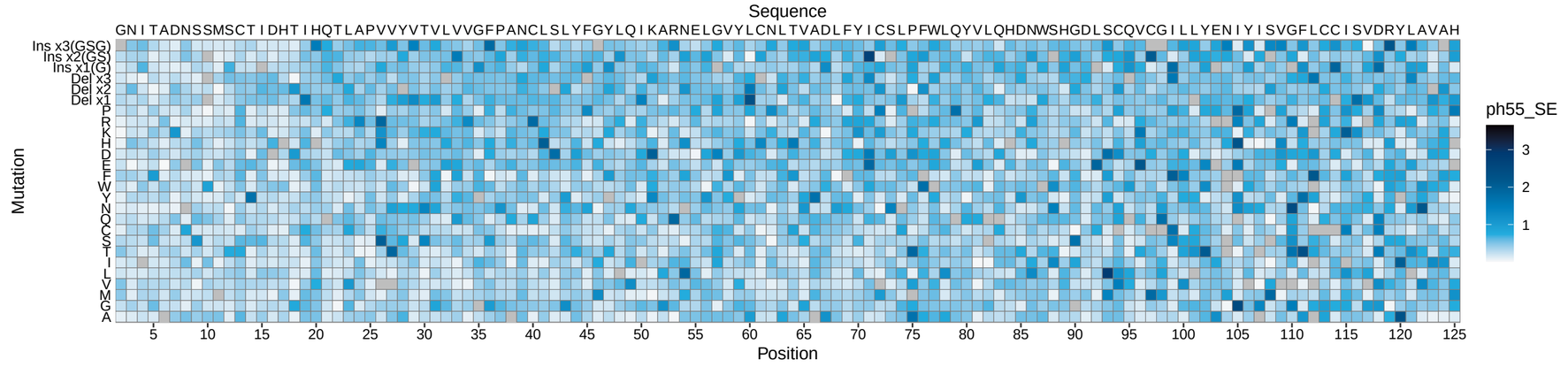
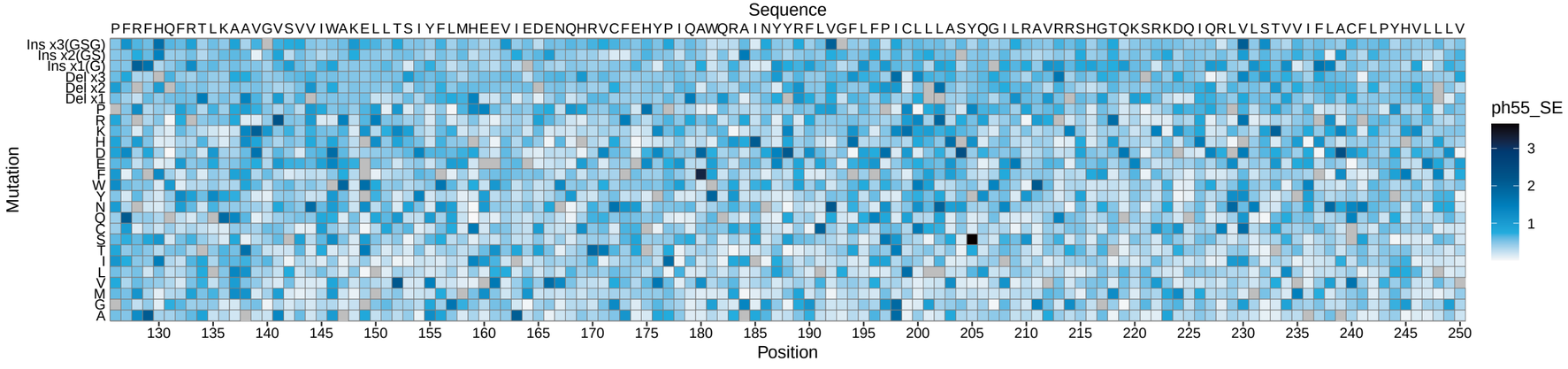
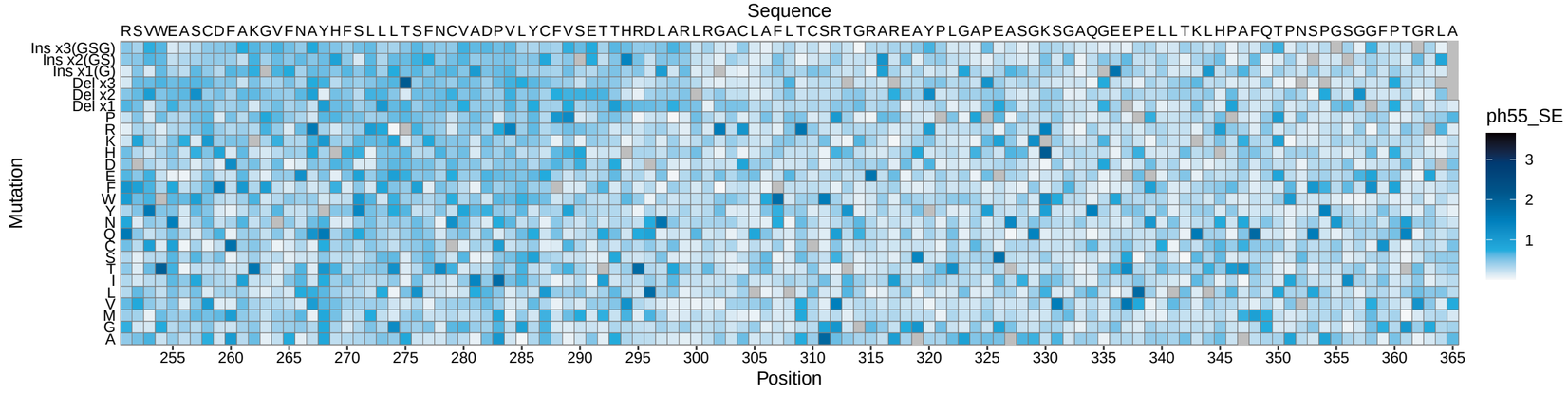

Sequence
GNITADNSSMSCTIDHTIHQTLAPVVYVTVLVVGFPANCLSLYFGYLQIKARNELGVYLCNLTVADLFYICSLPFWLQYVLQHDNWSHGDLSCQVCGILLYENIYISVGFLCCISVDRYLAVAH
Mutation
Ins x3(GSG)
Ins x2(GS)
Ins x1(G)
Del x3
Del x2
Del x1
P R K H D E F W Y N Q C S T I L V M G A
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125
Position
ph55_SE
3
2
1


Sequence
PFRFHQFRTLKAAVGVSVVIWAKELLTSIYFLMHEEVIEDENQHRVCFEHYPIQAWQRAINYYRFLVGFLFPICLLLASYQGILRAVRRSHGTQKSRKDQIQRLVLSTVVIFLACFLPYHVLLLV
Mutation
Ins x3(GSG)
Ins x2(GS)
Ins x1(G)
Del x3
Del x2
Del x1
P R K H D E F W Y N Q C S T I L V M G A
130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250
Position
ph55_SE
3
2
1


Sequence
RSVWEASCDFAKGVFNAYHFSLLLTSFNCVADPVLYCFVSETTHRDLARLRGACLAFLTCSRTGRAREAYPLGAPEASGKSGAQGEEPELLTKLHPAFQTPNSPGSGGFPTGRLA
Mutation
Ins x3(GSG)
Ins x2(GS)
Ins x1(G)
Del x3
Del x2
Del x1
P R K H D E F W Y N Q C S T I L V M G A
255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365
Position
ph55_SE
3
2
1