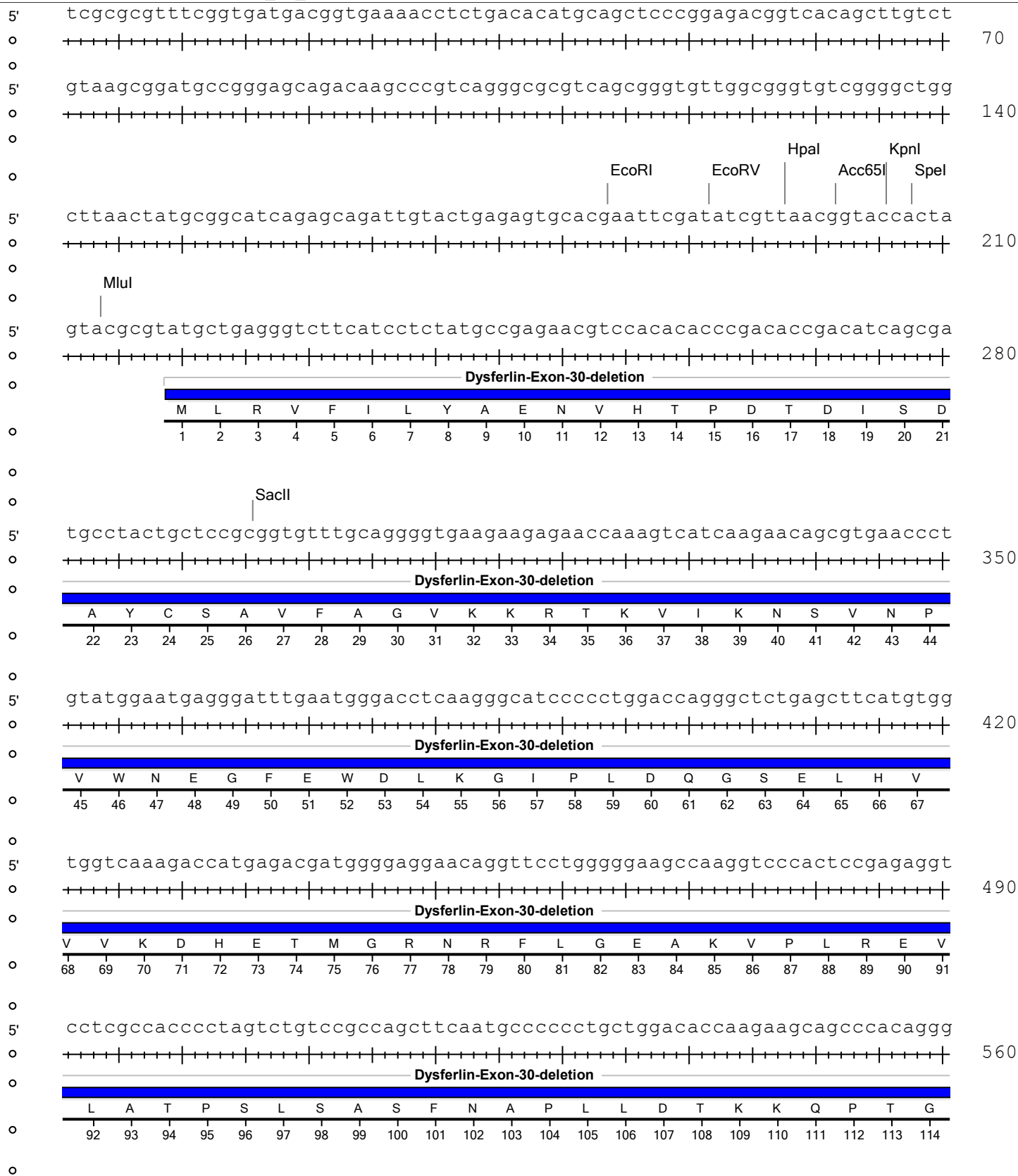
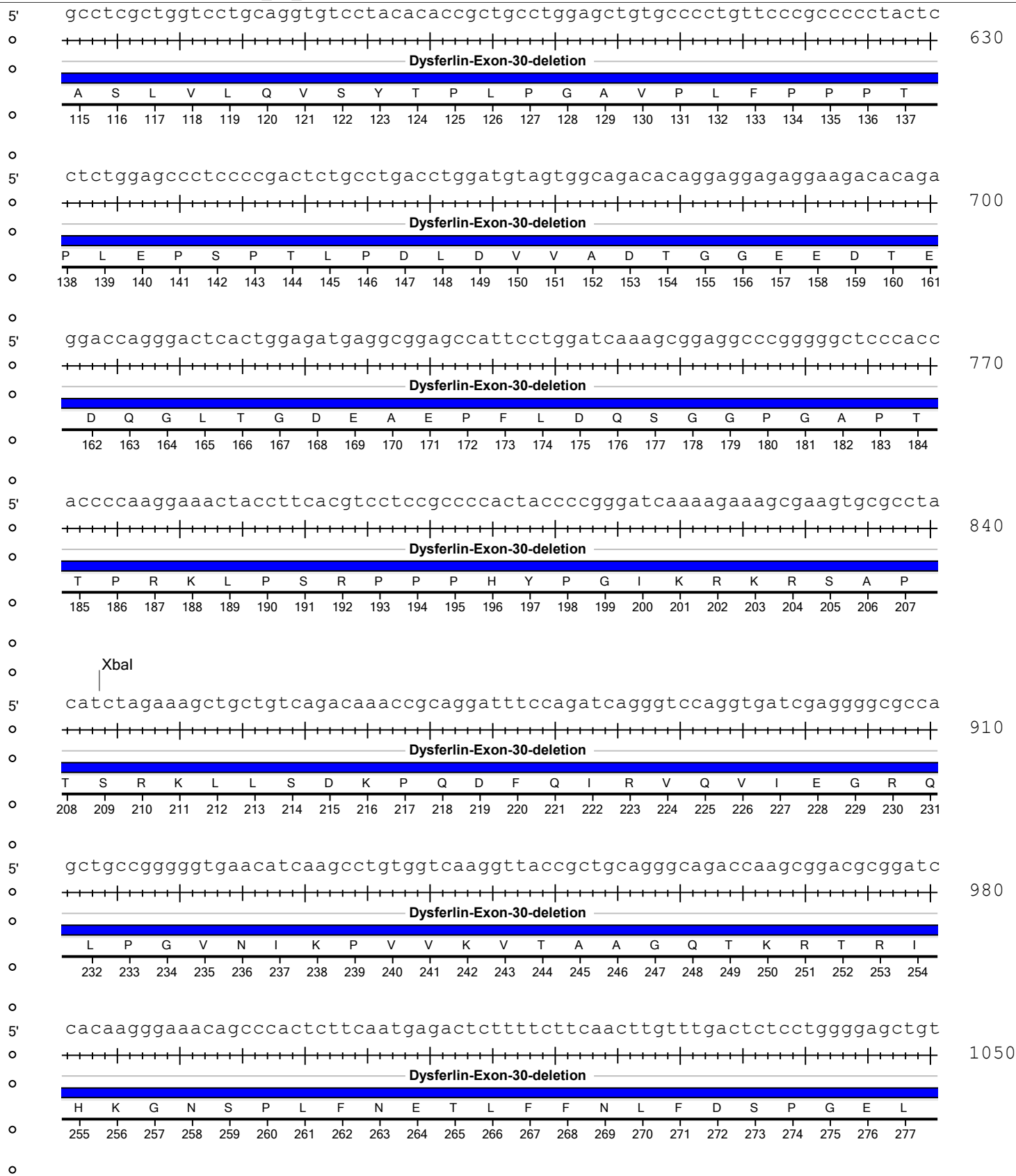


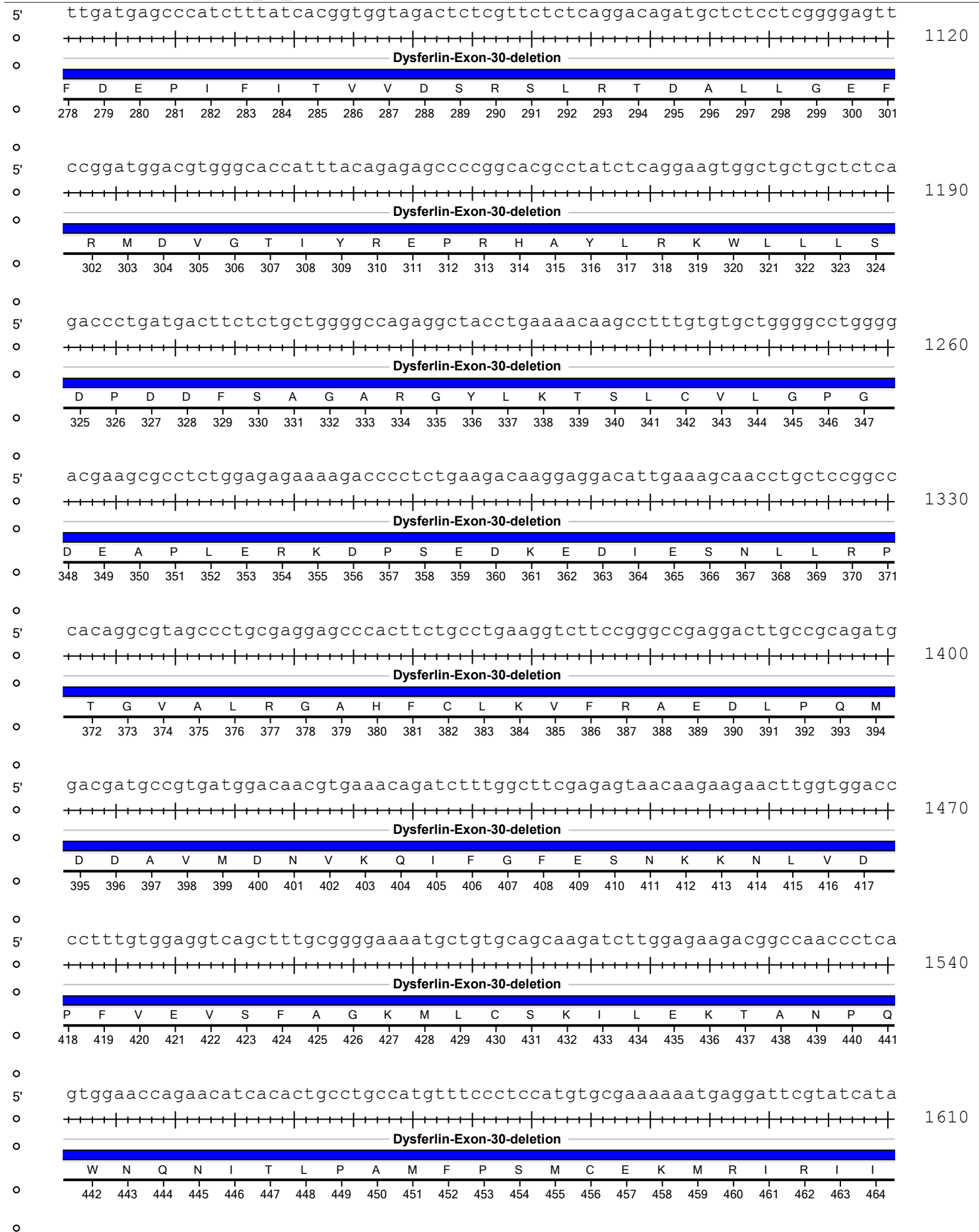
Dysferlin-Exon-30-deletion_in_pUC57-Kan



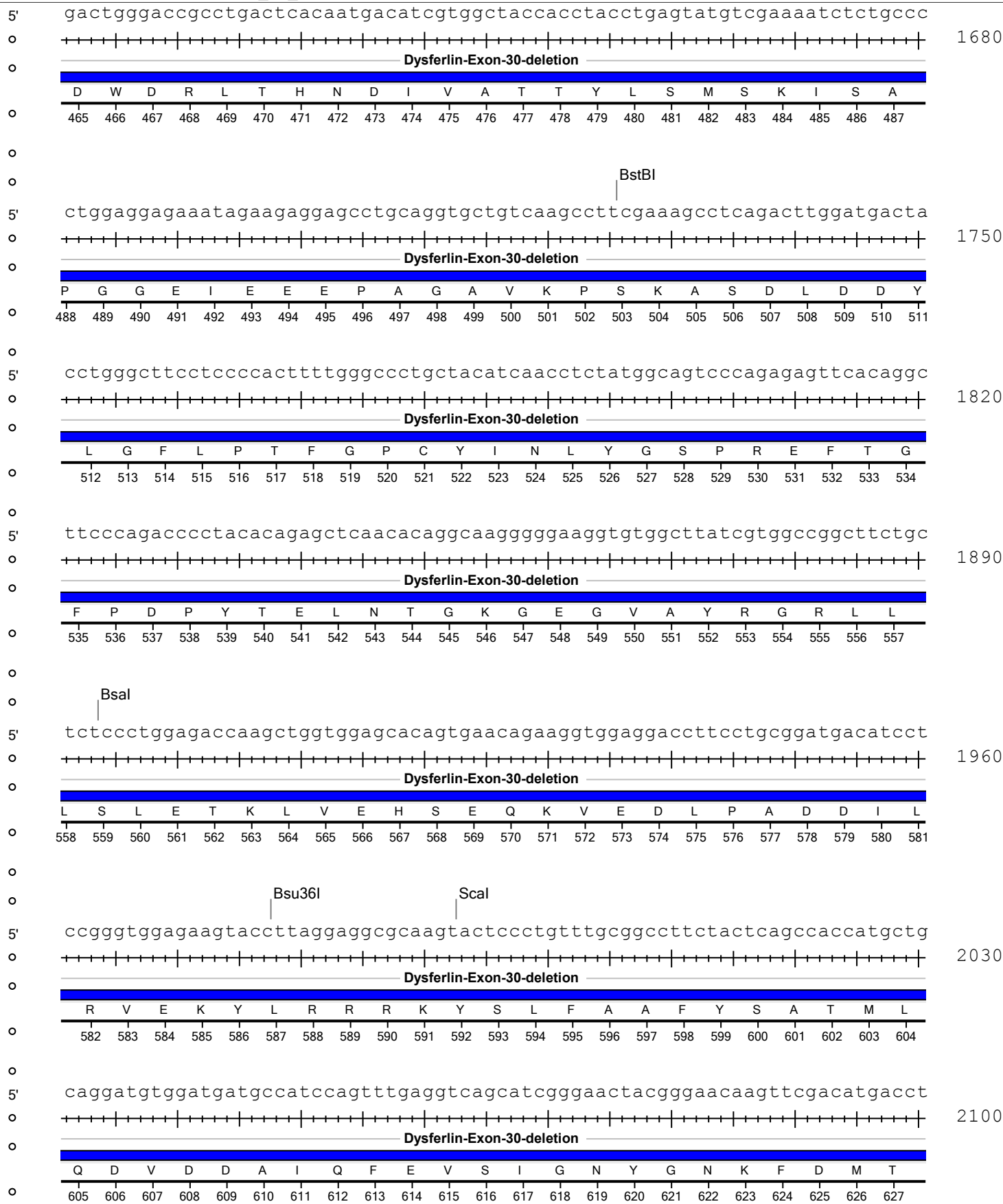
Dysferlin-Exon-30-deletion_in_pUC57-Kan



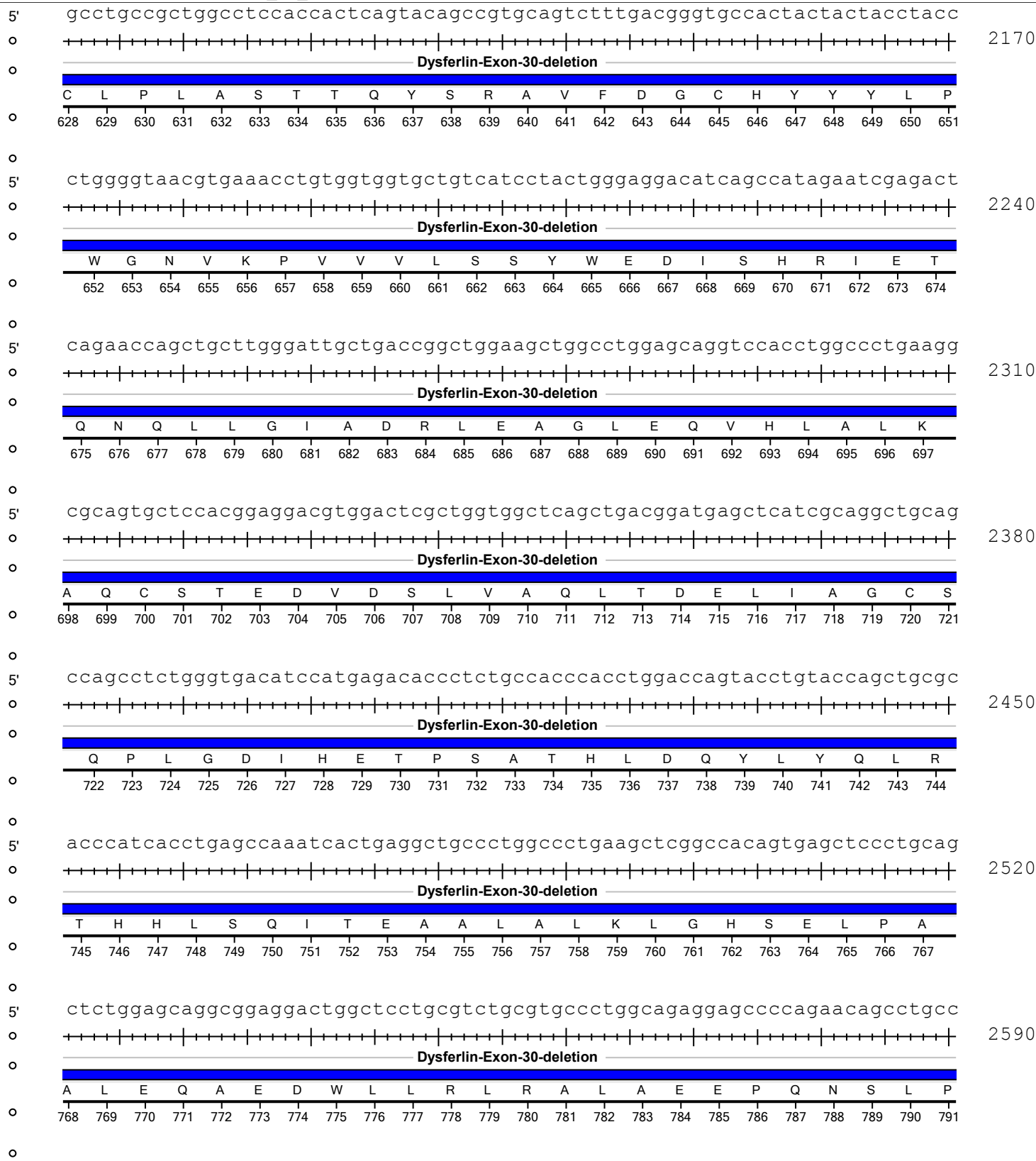
Dysferlin-Exon-30-deletion_in_pUC57-Kan



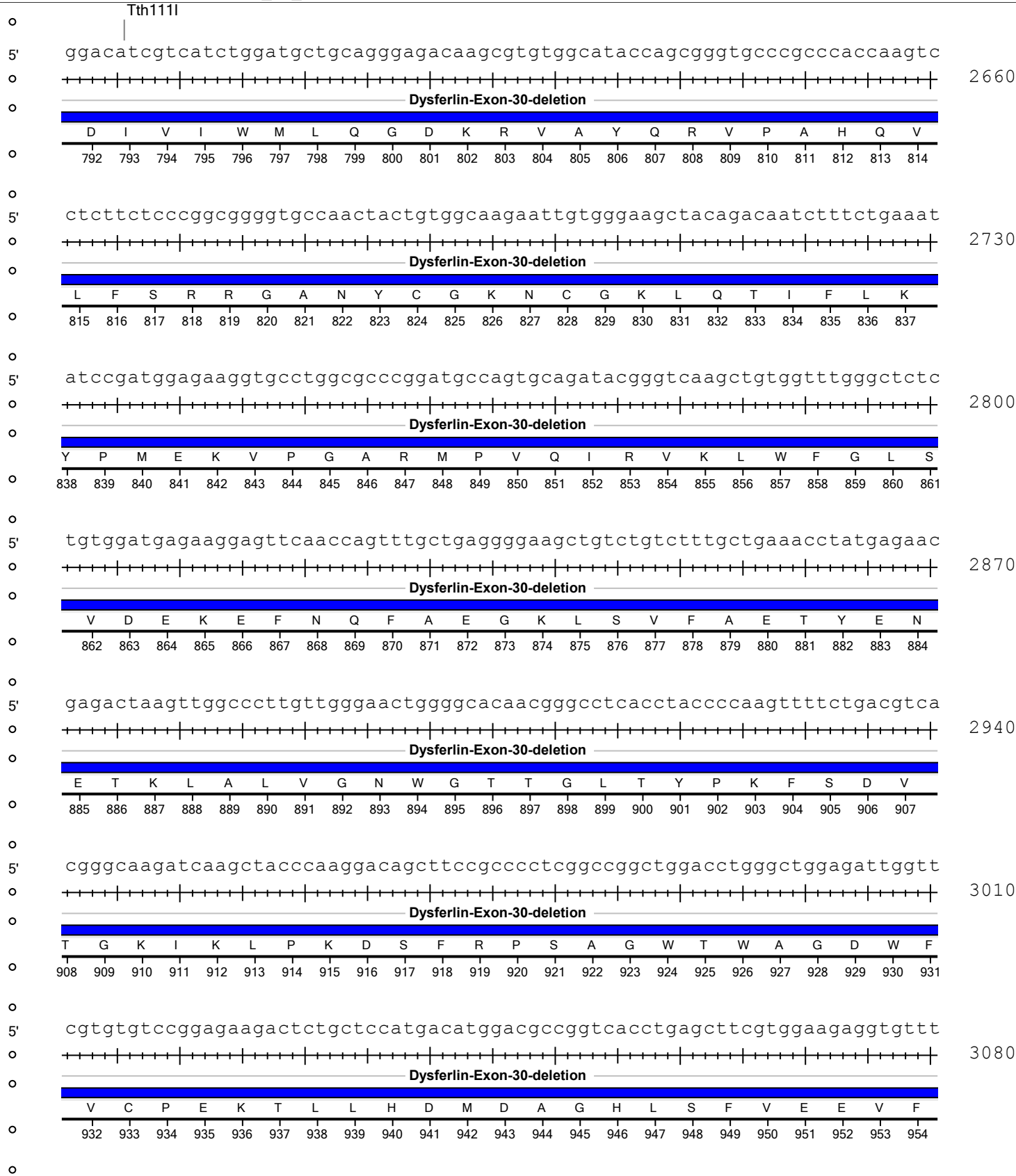
Dysferlin-Exon-30-deletion_in_pUC57-Kan

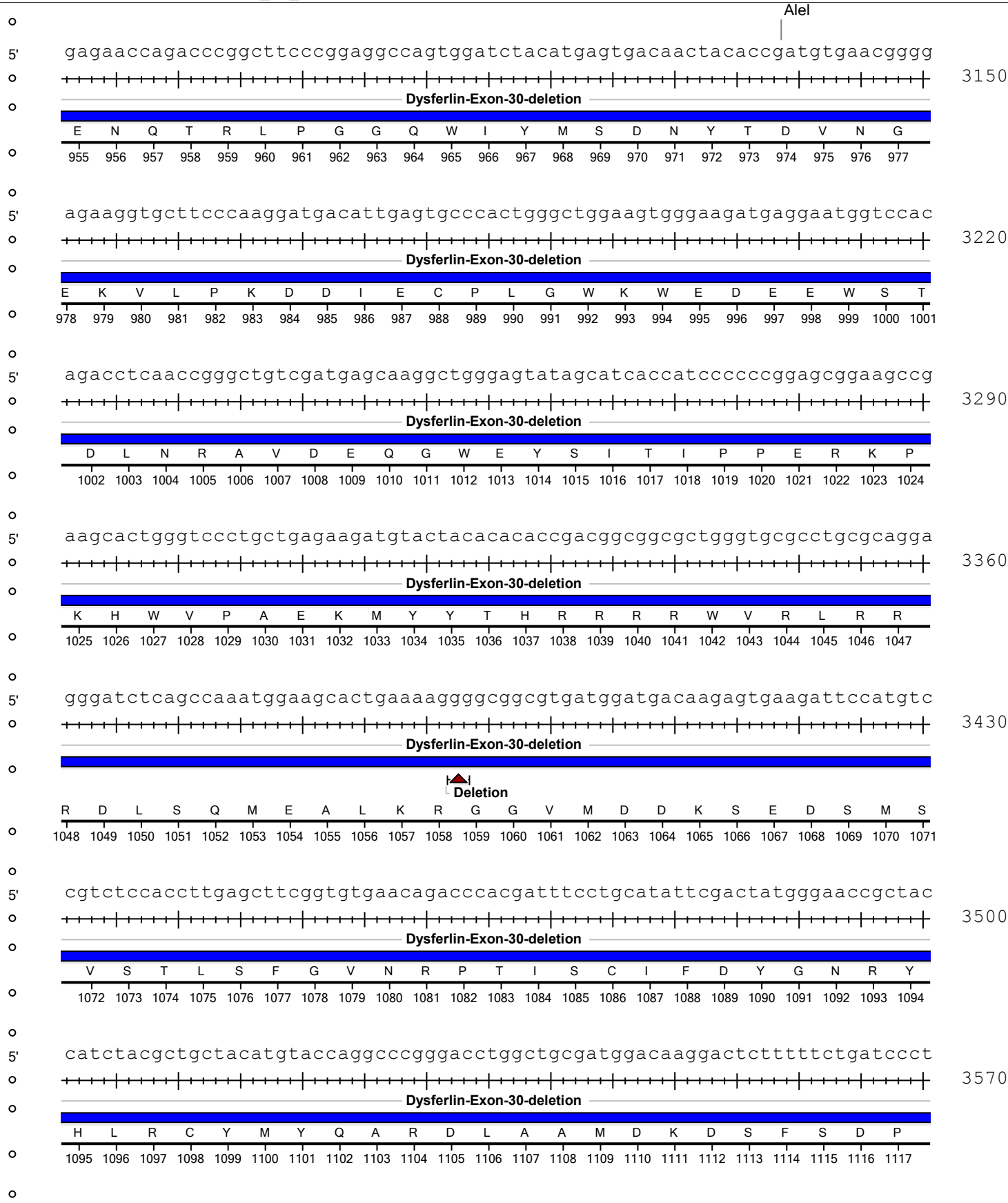


Dysferlin-Exon-30-deletion_in_pUC57-Kan



Dysferlin-Exon-30-deletion_in_pUC57-Kan





Dysferlin-Exon-30-deletion_in_pUC57-Kan

5' atgccatcgctccttcccttcctgcaccagagacgagaagcgtgggtggaagaacaccttaaccccacctg
o
o
o
Dysferlin-Exon-30-deletion
Y A I V S F L H Q S Q K T V V V K N T L N P T W
o 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141

5' ggaccagacgctcatctttctacgagatcgagatctttggcgagccggccacagttgctgagcaaccgccc
o
o
o
Dysferlin-Exon-30-deletion
D Q T L I F Y E I E I F G E P A T V A E Q P P
o 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164

5' agcattgtggtggagctgtacgaccatgacacttatgggtgcagacgagtatatgggtcgctgcacatctgtc
o
o
o
Dysferlin-Exon-30-deletion
S I V V E L Y D H D T Y G A D E F M G R C I C
o 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187

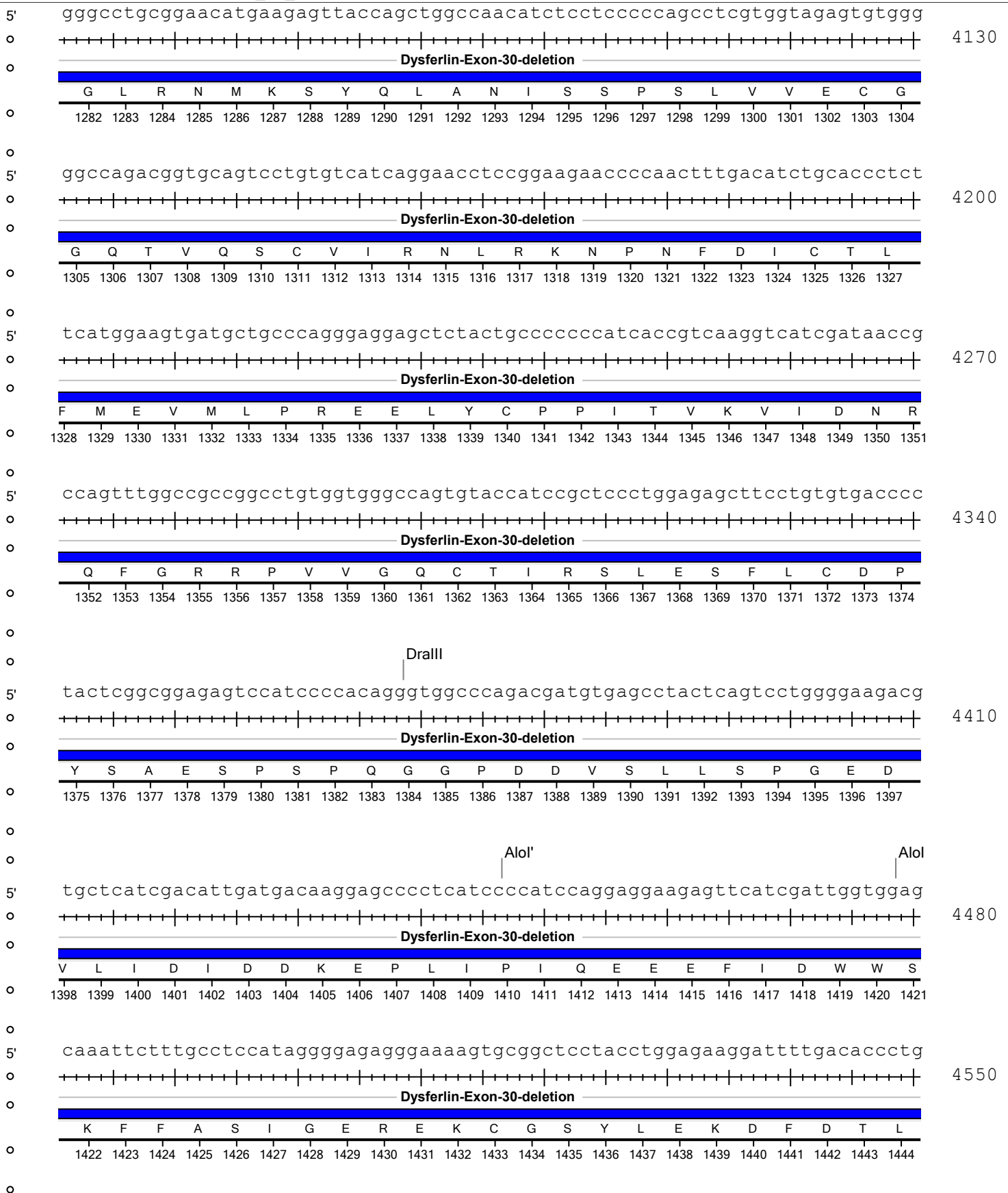
5' aaccgagctctggaacggatgccacggctggcctgggttcccactgacgaggggcagccagccgctcggggga
o
o
o
Dysferlin-Exon-30-deletion
Q P S L E R M P R L A W F P L T R G S Q P S G E
o 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211

5' gctgctggcctcttttgagctcatccagagagagaagccggccatccaccataattcctgggttttgagggtg
o
o
o
Dysferlin-Exon-30-deletion
L L A S F E L I Q R E K P A I H H I P G F E V
o 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234

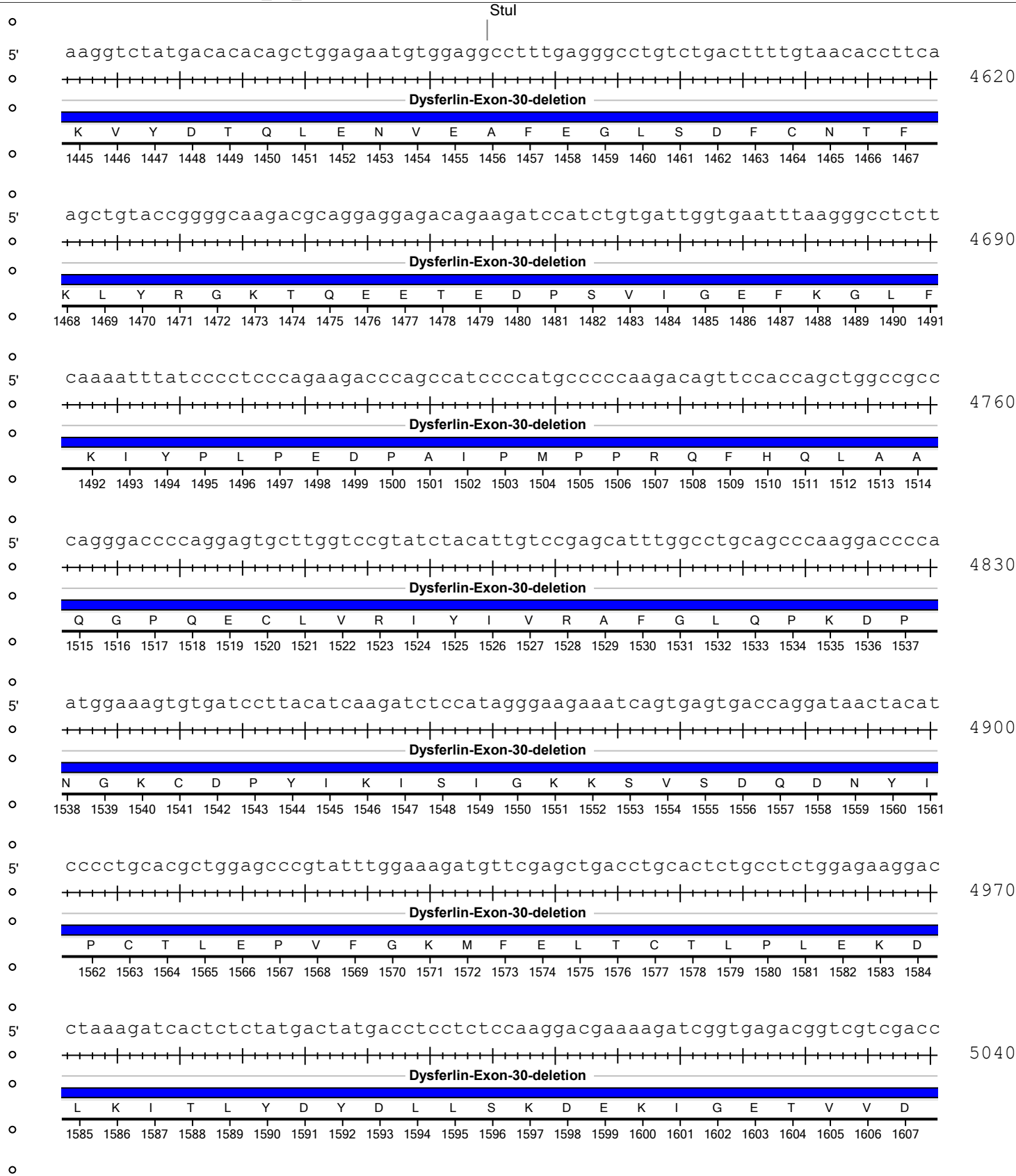
5' caggagacatcaaggatcctggatgagctctgaggacacagacctgccctaccaccacccccagagggagg
o
o
o
Dysferlin-Exon-30-deletion
Q E T S R I L D E S E D T D L P Y P P P Q R E
o 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257

Afel
5' ccaacatctacatggttcctcagaacatcaagccagcgctccagcggtaccgccaatcgagatcctggcatg
o
o
o
Dysferlin-Exon-30-deletion
A N I Y M V P Q N I K P A L Q R T A I E I L A W
o 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281

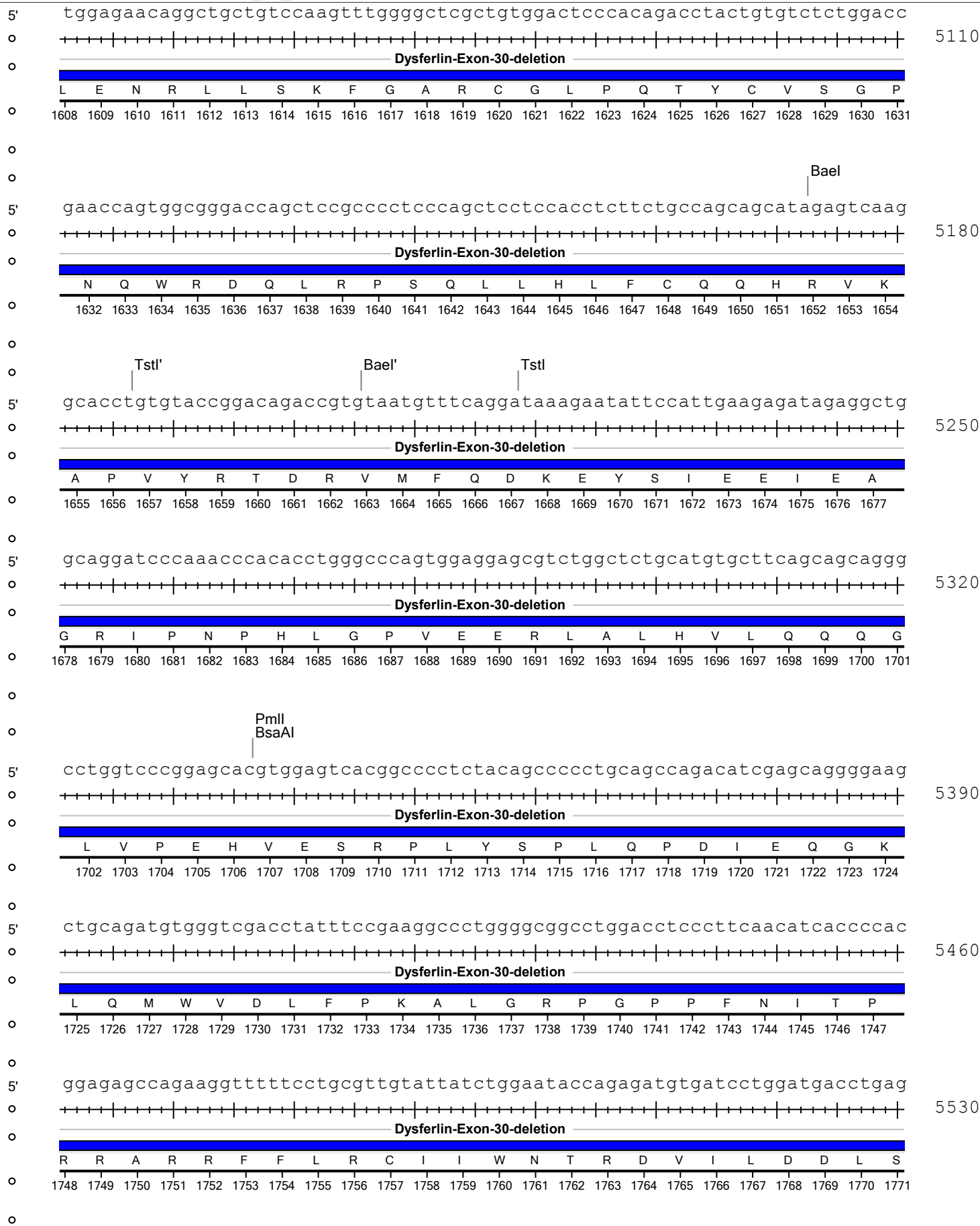
Dysferlin-Exon-30-deletion_in_pUC57-Kan



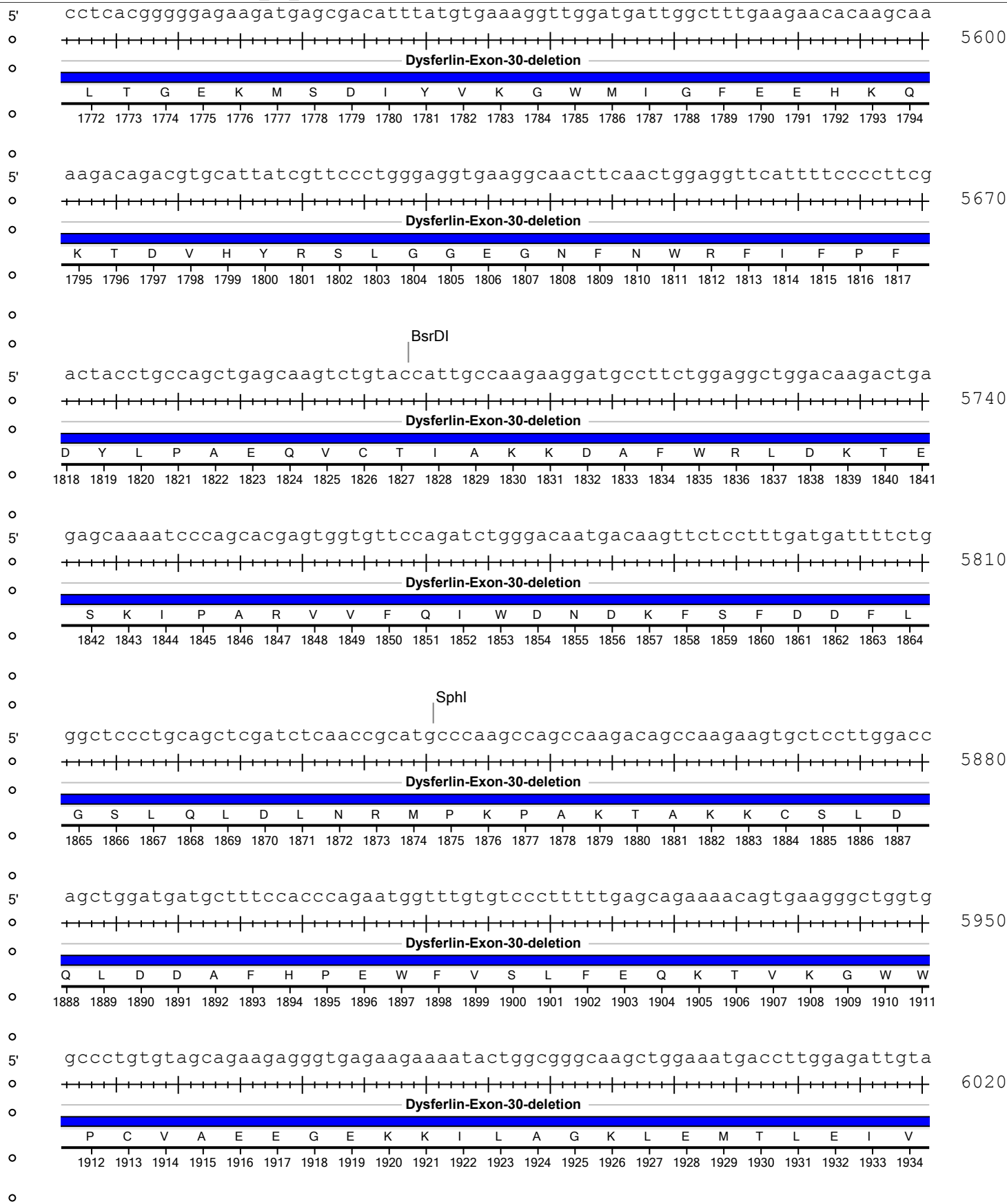
Dysferlin-Exon-30-deletion_in_pUC57-Kan



Dysferlin-Exon-30-deletion_in_pUC57-Kan

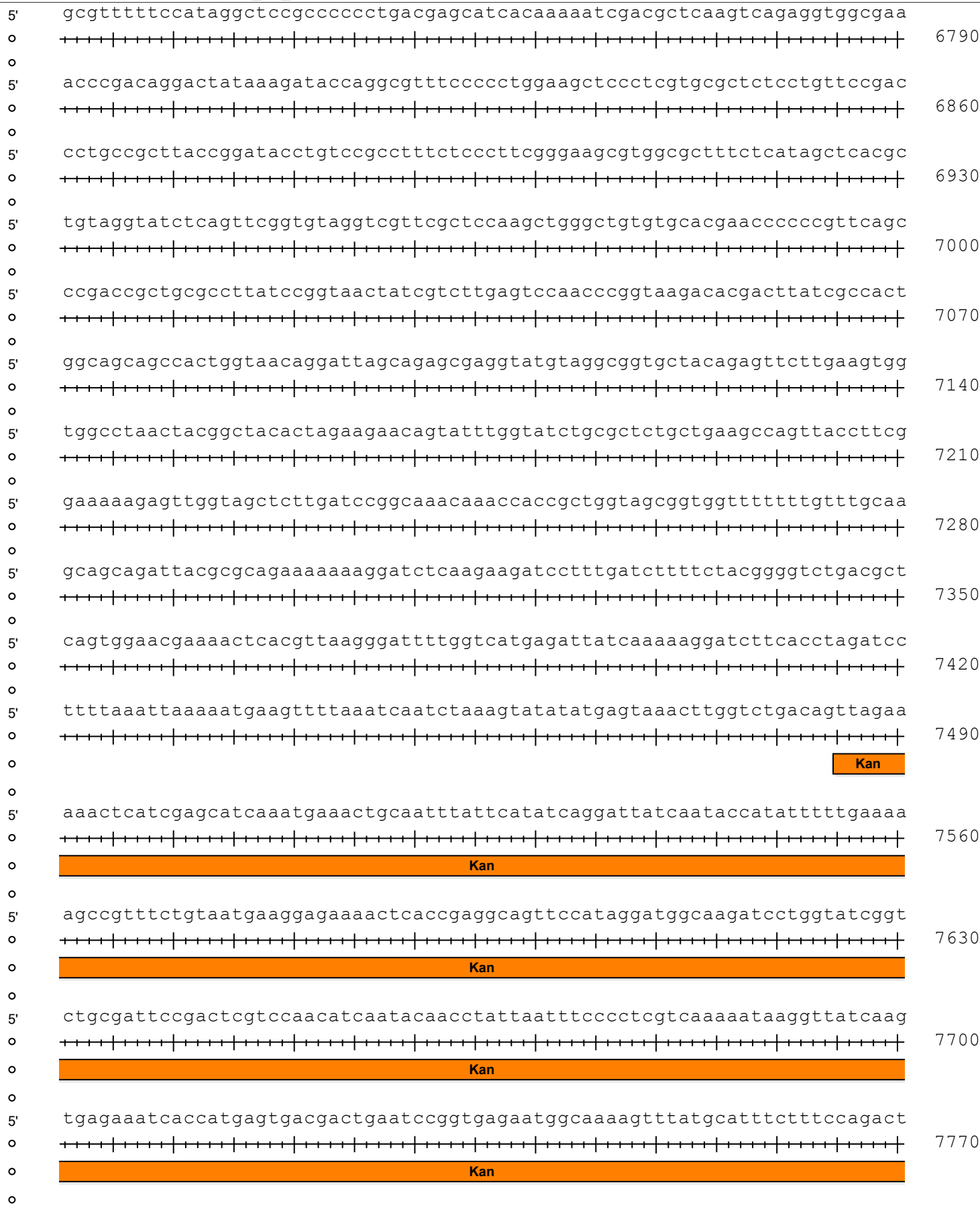


Dysferlin-Exon-30-deletion_in_pUC57-Kan



5' gcagagagtgagcatgaggagcggcctgctggccagggccgggatgagcccaacatgaaccctaagcttg
 6090
 Dysferlin-Exon-30-deletion
 A E S E H E E R P A G Q G R D E P N M N P K L
 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957
 HindIII
 5' aggacccaaggcgcggcgacacctccttctgtggttacctccccatacaagaccatgaagttcatcct
 6160
 Dysferlin-Exon-30-deletion
 E D P R R P D T S F L W F T S P Y K T M K F I L
 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981
 5' gtggcggcggtttccggtgggccaatcatcctcttcatcatcctcttcatcctgctgctgttcctggccaatc
 6230
 Dysferlin-Exon-30-deletion
 W R R F R W A I I L F I I L F I L L L F L A I
 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004
 BclI
 5' ttcatctacgccttcccgaactatgctgccatgaagctggtgaagcccttcagctgatgatcaccatggc
 6300
 Dysferlin-Exon-30-deletion
 F I Y A F P N Y A A M K L V K P F S .
 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
 NdeI NheI BmtI NotI
 5' atatggctagcgcggcgcccatgggtcatagctgtttcctgtgtgaaattgttatccgctcacaaattccac
 6370
 5' acaacatacgagccggaagcataaagtgtaaagcctggggtgcctaataagtgagtgagctaactcacattaat
 6440
 5' tgcgttgcgctcactgcccgtttccagtcgggaaacctgtcggtgccagctgcattaatgaatcgggcaa
 6510
 SapI
 5' cgcgcggggagagggcggtttgcgtattgggcgctcttccgcttccctcgctcactgactcgctgcgctcgg
 6580
 5' tcgttcggctgcggcgagcggtatcagctcactcaaaggcggtatacggttatccacagaatcagggga
 6650
 5' taacgcaggaaagaacatgtgagcaaaaaggccagcaaaaaggccaggaaccgtaaaaaggccgcgttgctg
 6720

Dysferlin-Exon-30-deletion_in_pUC57-Kan



Dysferlin-Exon-30-deletion_in_pUC57-Kan

