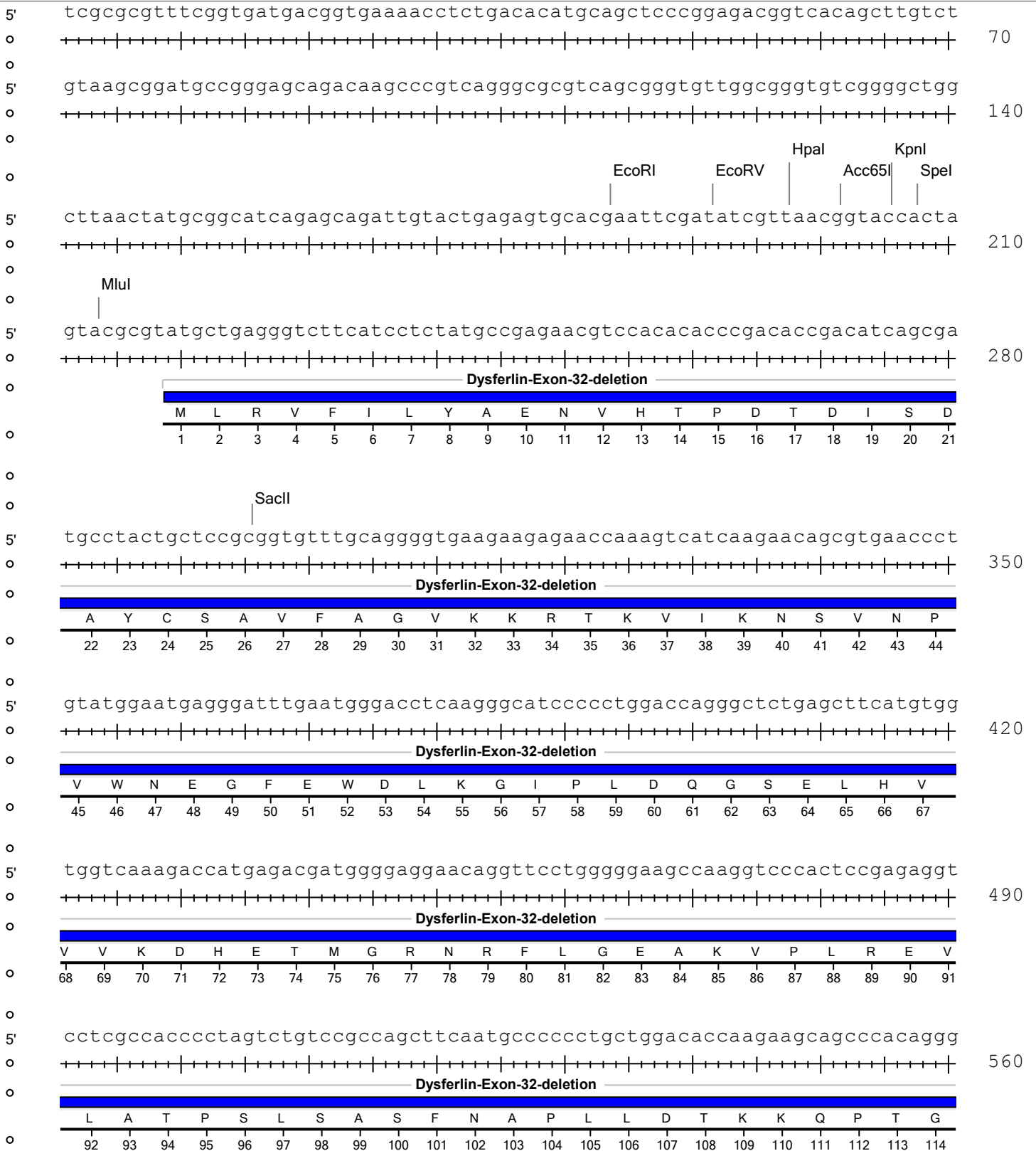
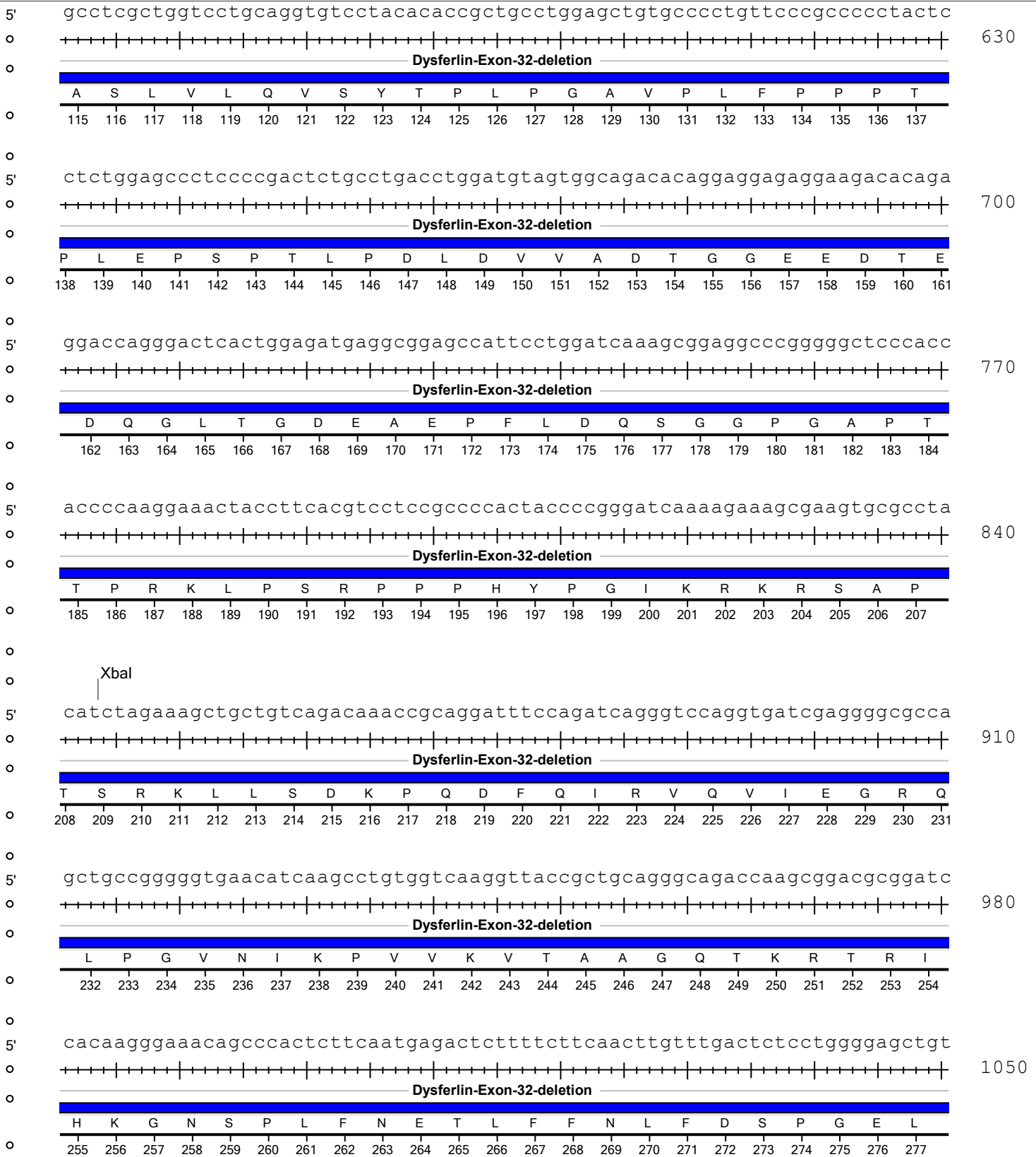


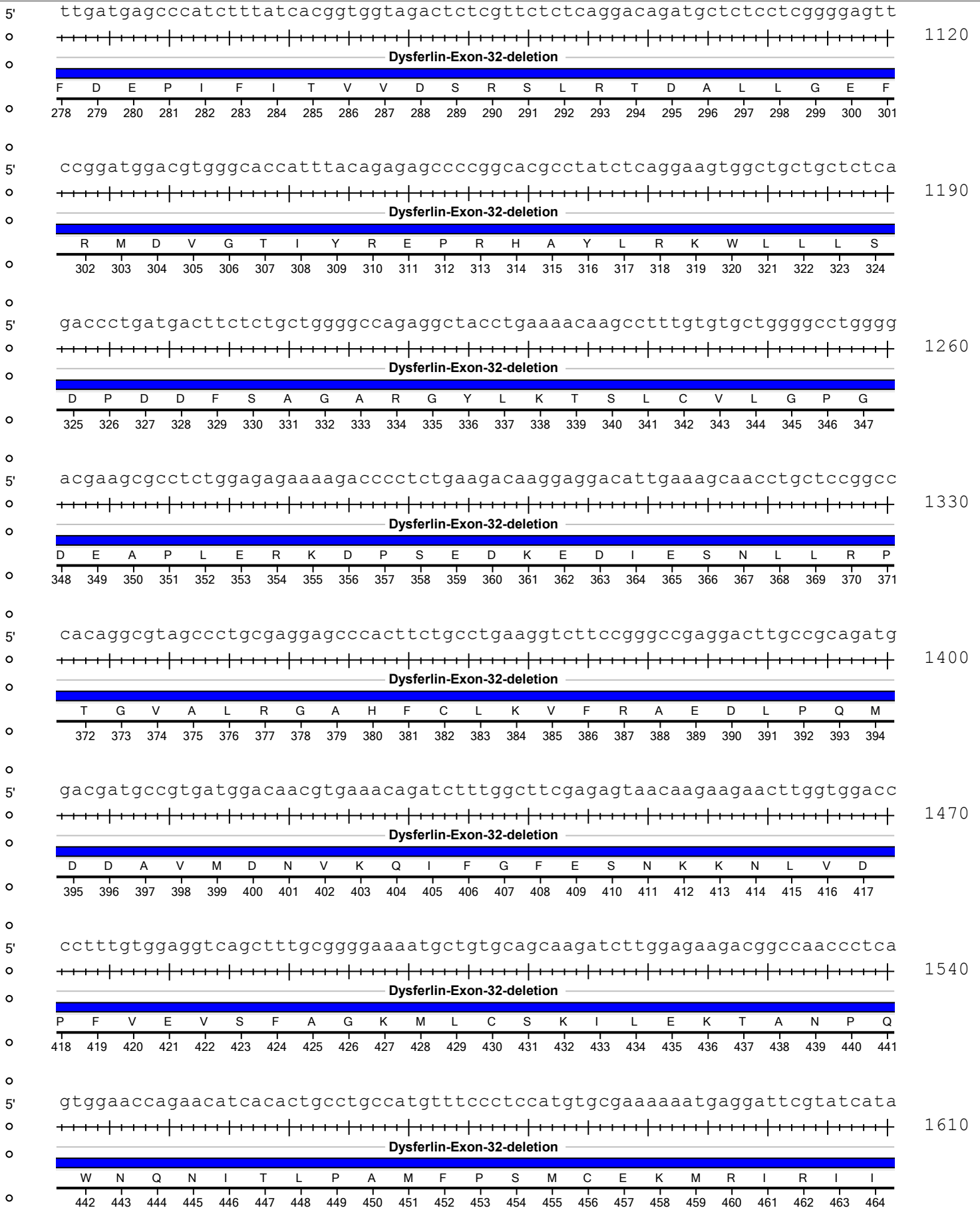
Dysferlin-Exon-32-deletion_in_pUC57-Kan



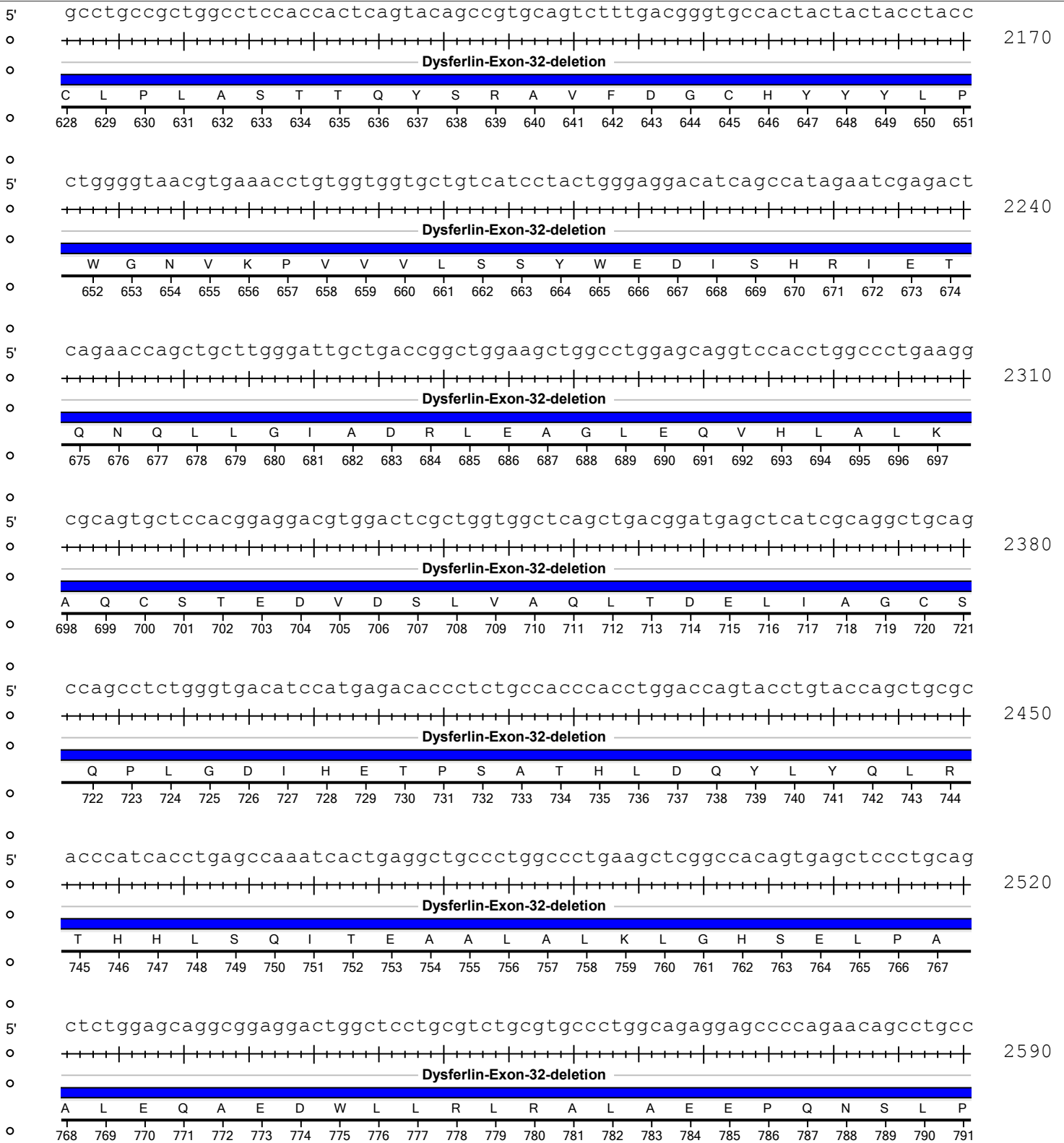
Dysferlin-Exon-32-deletion_in_pUC57-Kan



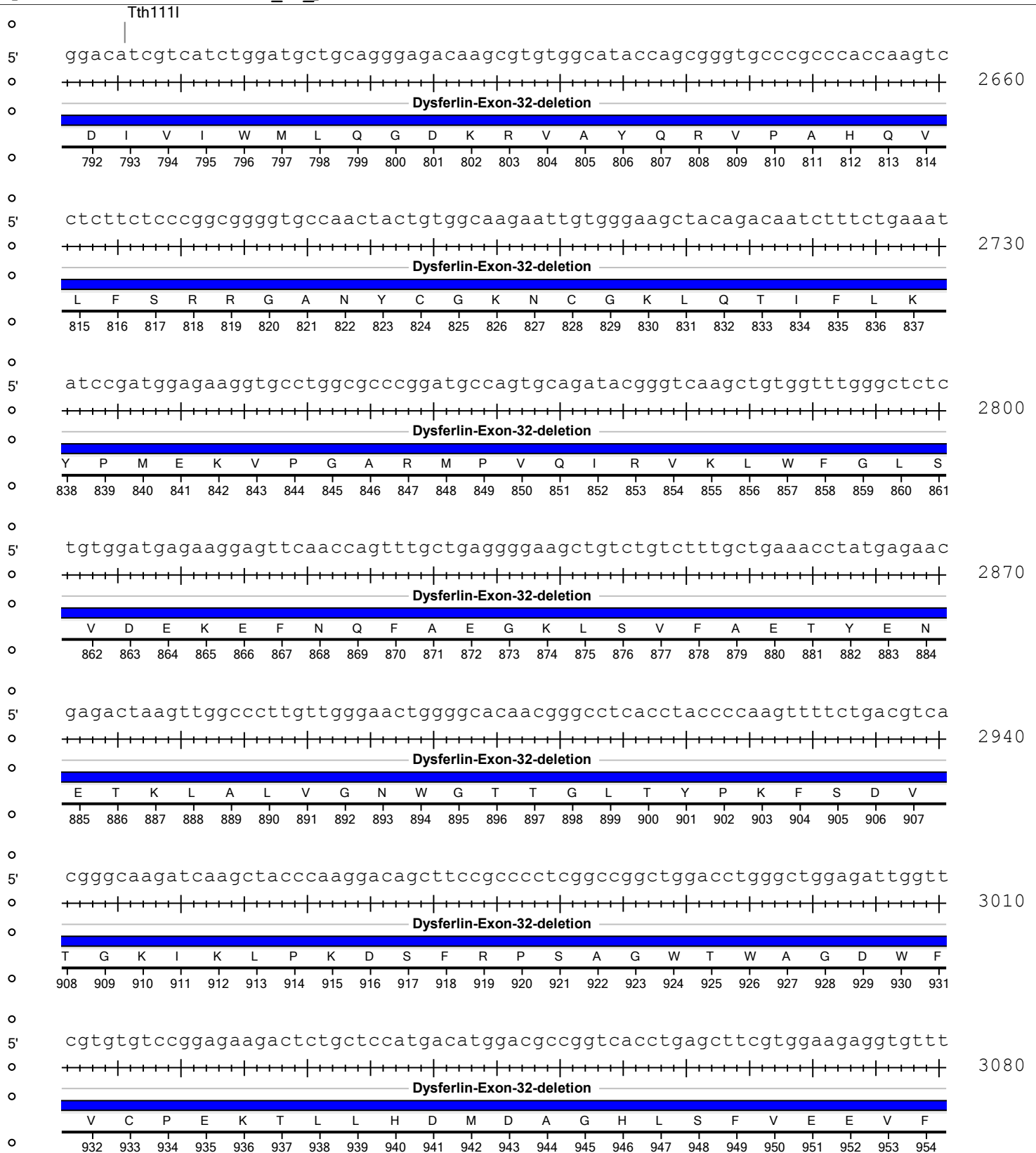
Dysferlin-Exon-32-deletion_in_pUC57-Kan



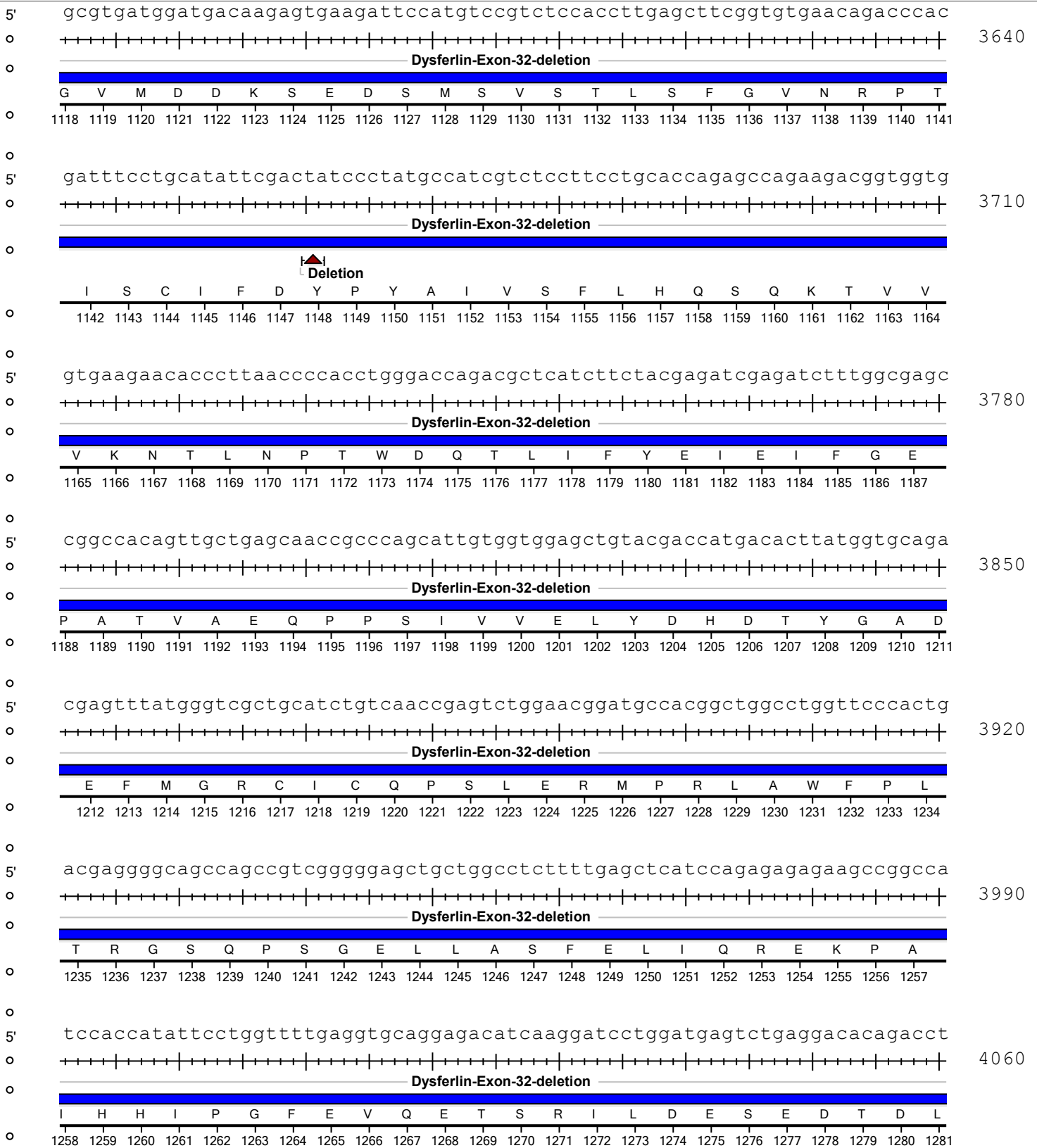
Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan

o
5' gcctaccaccaccacccagagggaggccaacatctacatggttcctcagaacatcaagccagcgctccag 4130
o
o
o **Dysferlin-Exon-32-deletion**
o P Y P P P Q R E A N I Y M V P Q N I K P A L Q
o 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304

AfeI

o
5' cgtaccgccatcgagatcctggcatggggcctgcggaacatgaagagttaccagctggccaacatctcct 4200
o
o
o **Dysferlin-Exon-32-deletion**
o R T A I E I L A W G L R N M K S Y Q L A N I S
o 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327

o
5' ccccagcctcgtggtagagtgtggggccagacggtgcagtcctgtgtcatcaggaacctccggaagaa 4270
o
o
o **Dysferlin-Exon-32-deletion**
o S P S L V V E C G G Q T V Q S C V I R N L R K N
o 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351

o
5' cccaactttgacatctgcaccctcttcatggaagtgatgctgccaggaggagctctactgccccccc 4340
o
o
o **Dysferlin-Exon-32-deletion**
o P N F D I C T L F M E V M L P R E E L Y C P P
o 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374

o
5' atcaccgtcaaggatcgcgataaccgccagtttggccgcccggcctgtggtgggcccagtgatccatccgct 4410
o
o
o **Dysferlin-Exon-32-deletion**
o I T V K V I D N R Q F G R R P V V G Q C T I R
o 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397

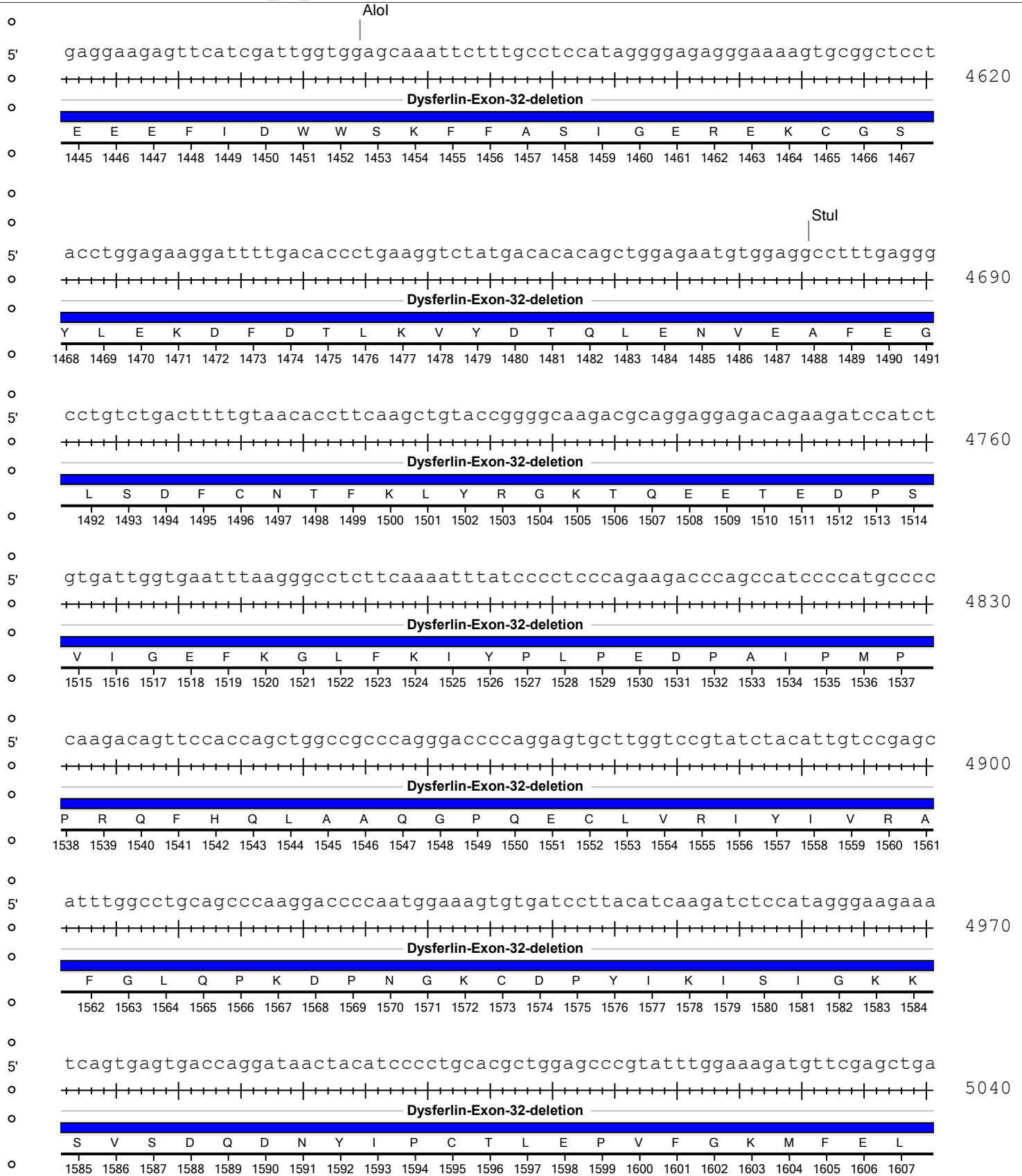
o
o
5' ccctggagagcttctgtgtgaccctactcggcggagagtccatccccacaggggtggcccagacgatgt 4480
o
o
o **Dysferlin-Exon-32-deletion**
o S L E S F L C D P Y S A E S P S P Q G G P D D V
o 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421

DrallI

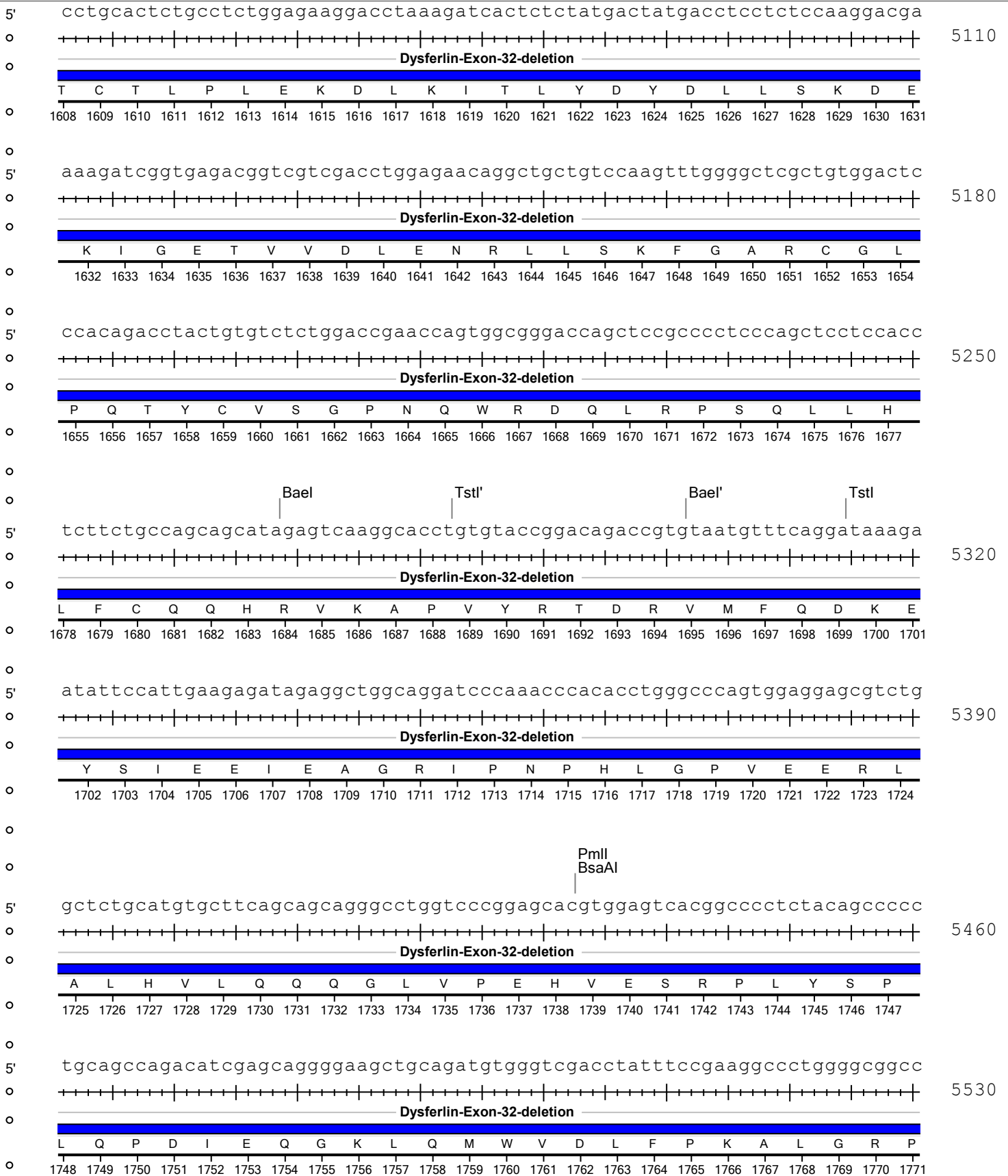
o
o
5' gagcctactcagtcctggggaagacgtgctcatcgacattgatgacaaggagccccctcatccccatccag 4550
o
o
o **Dysferlin-Exon-32-deletion**
o S L L S P G E D V L I D I D D K E P L I P I Q
o 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444

AloI'

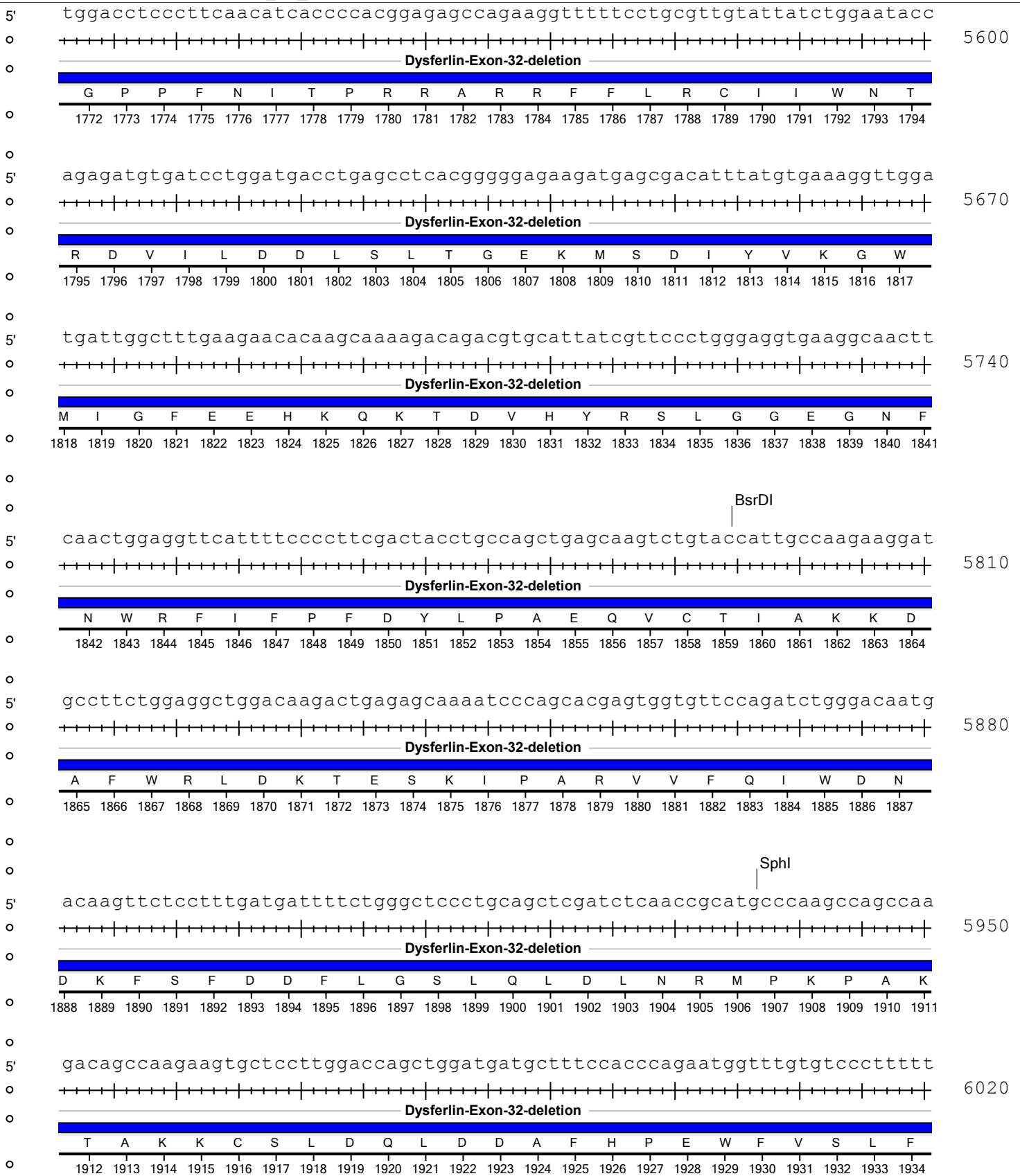
Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan

5' gagcagaaaacagtgaagggtggtggccctgtgtagcagaagaggggtgagaagaaaatactggcgggca 6090
o
o
Dysferlin-Exon-32-deletion
E Q K T V K G W W P C V A E E G E K K I L A G
o 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957

5' agctggaaatgaccttgagattgtagcagagagtgagcatgaggagcggcctgctggccagggccggga 6160
o
o
Dysferlin-Exon-32-deletion
K L E M T L E I V A E S E H E E R P A G Q G R D
o 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981

o
o
HindIII
5' tgagcccaacatgaaccctaagcttgaggaccaaggcgccccgacacctccttcctgtggtttacctcc 6230
o
o
Dysferlin-Exon-32-deletion
E P N M N P K L E D P R R P D T S F L W F T S
o 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004

5' ccatacaagaccatgaagttcatcctgtggcgcggtttccggtgggccatcctccttcatcctctct 6300
o
o
Dysferlin-Exon-32-deletion
P Y K T M K F I L W R R F R W A I I L F I I L
o 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027

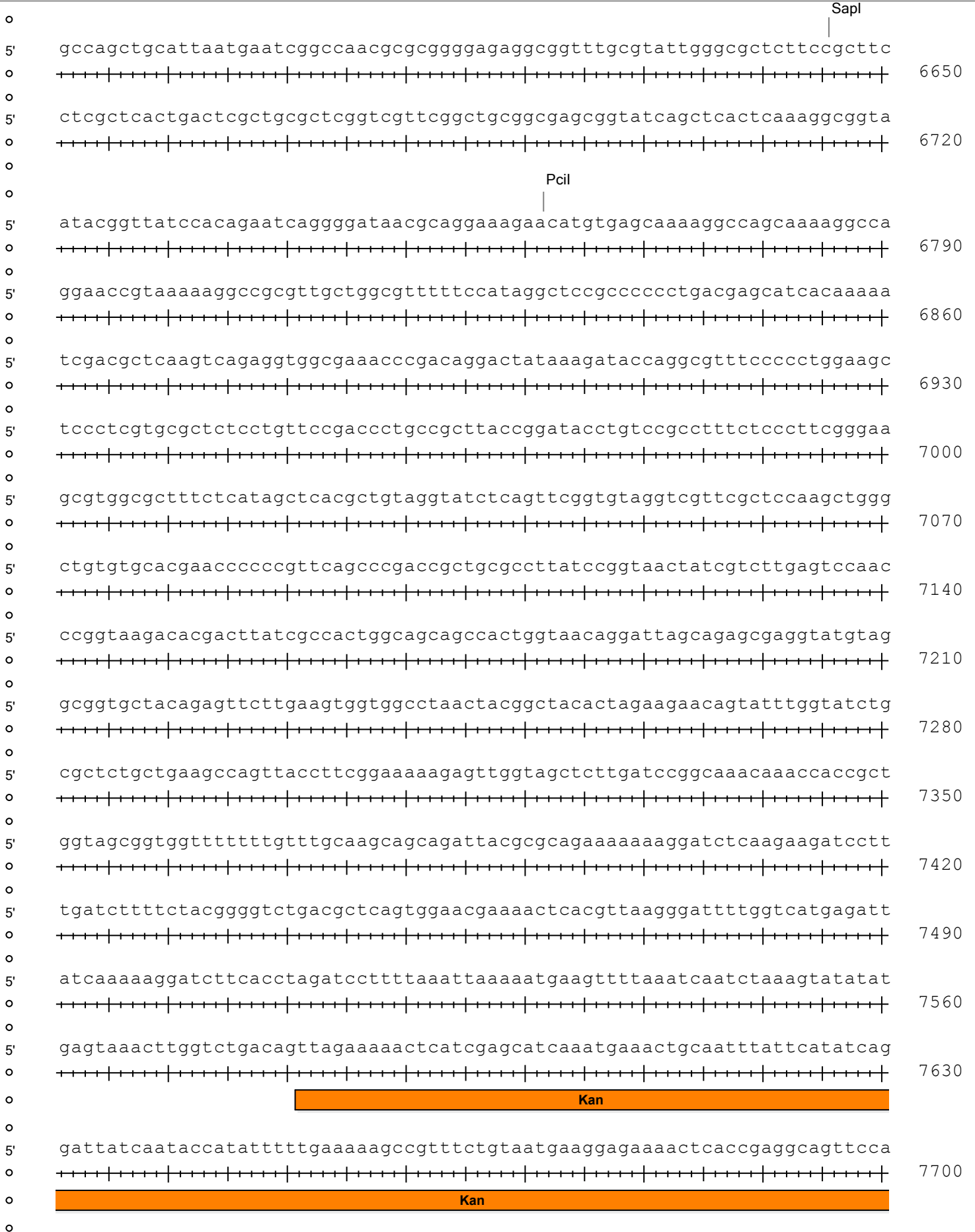
5' tcatectgctgctgttctcctggccatcttcatctagccttcccgaactatgctgccaatgaagctggtgaa 6370
o
o
Dysferlin-Exon-32-deletion
F I L L L F L A I F I Y A F P N Y A A M K L V K
o 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051

o
o
BclI NdeI NheI BmtI NotI
5' gcccttcagctgatgatcaccatggcatatggctagcgcggcccatggtcatagctgttctcctgtgtg 6440
o
o
Dysferlin-...2-deletion
P F S .
o 2052 2053 2054 2055

5' aaattggtatccgctcacaattccacacaacatacgagccggaagcataaagtgtaaagcctgggggtgcc 6510
o

5' taatgagtgagctaactcacattaattgcggtgctcactgcccgttccagtcgggaaacctgtcgt 6580
o

Dysferlin-Exon-32-deletion_in_pUC57-Kan



Dysferlin-Exon-32-deletion_in_pUC57-Kan

