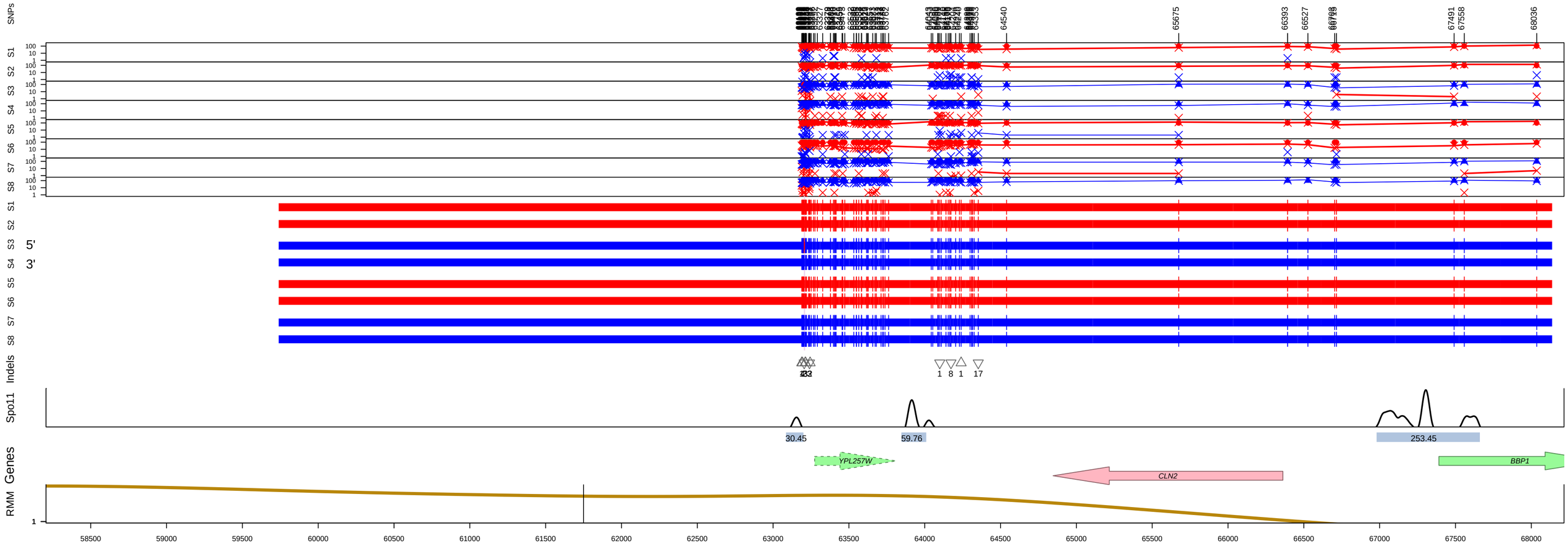
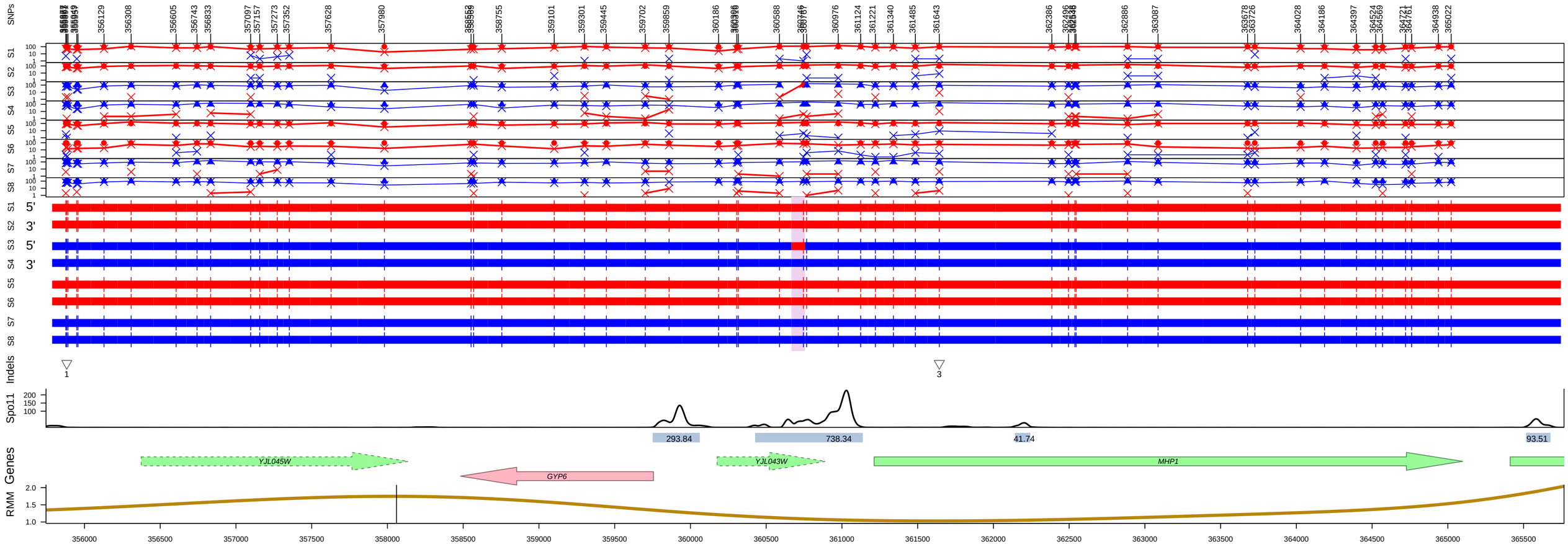
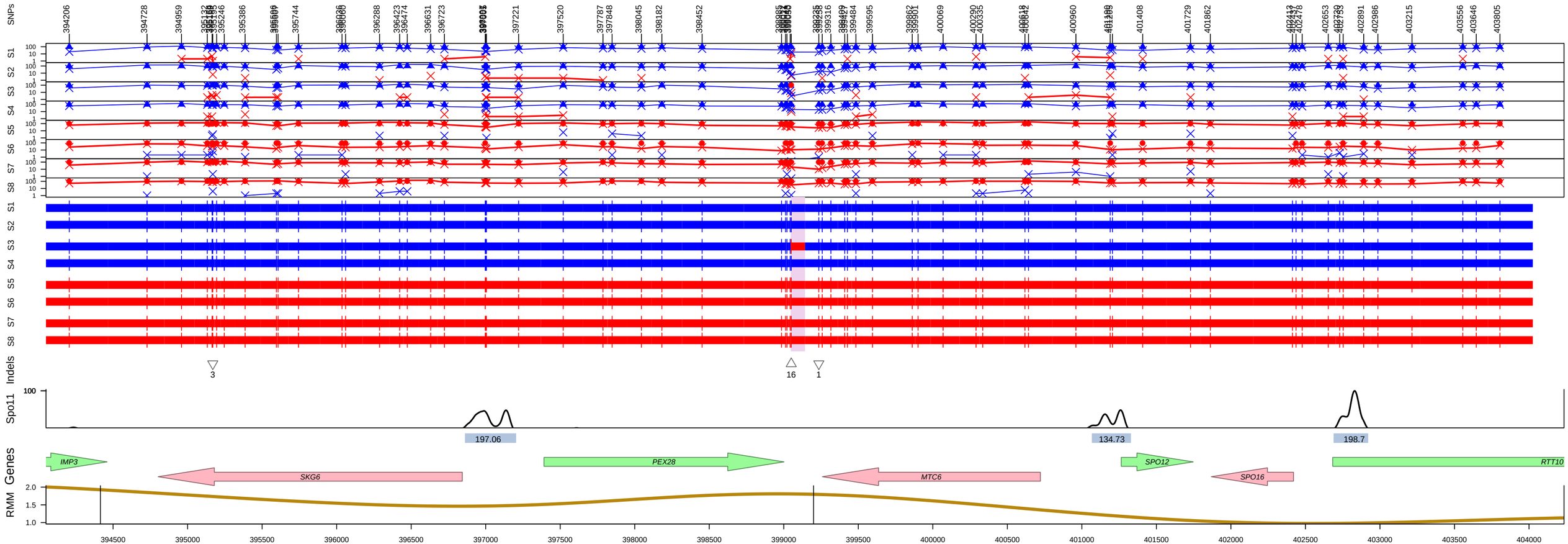


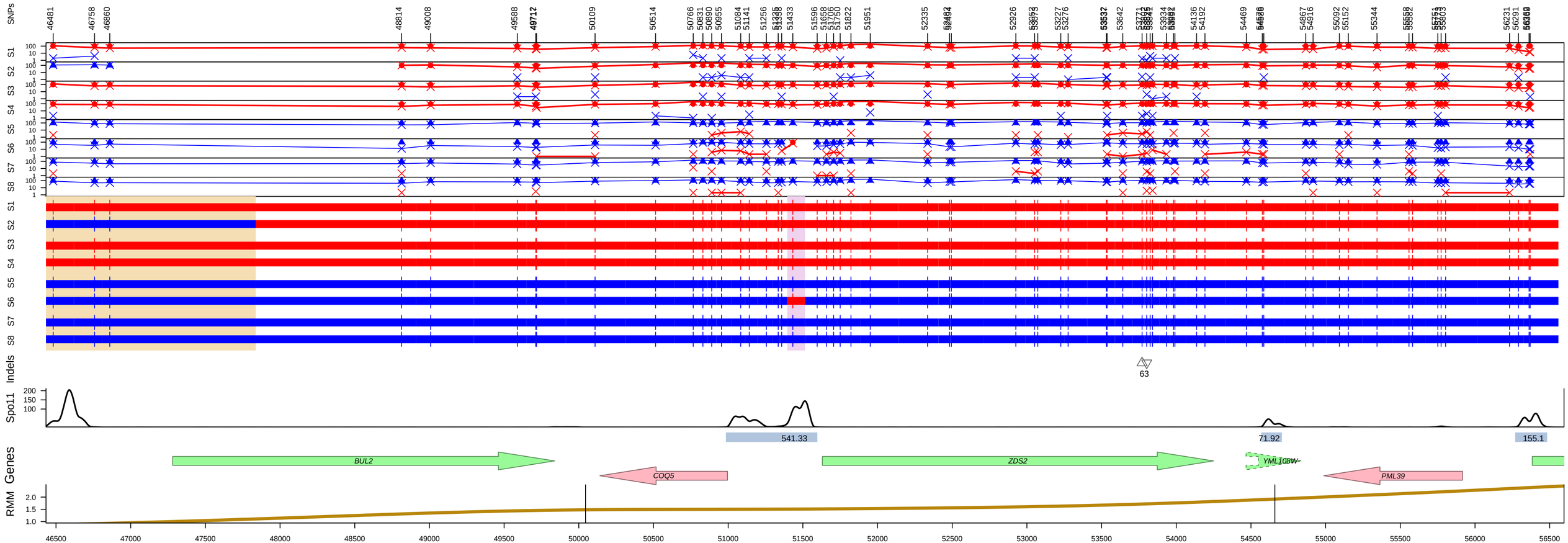
Genotype=OM1 Id=201 Chromo=16 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=8bp Midpoint=63206.75 Variants=1
Red=S288c, Blue=SK1



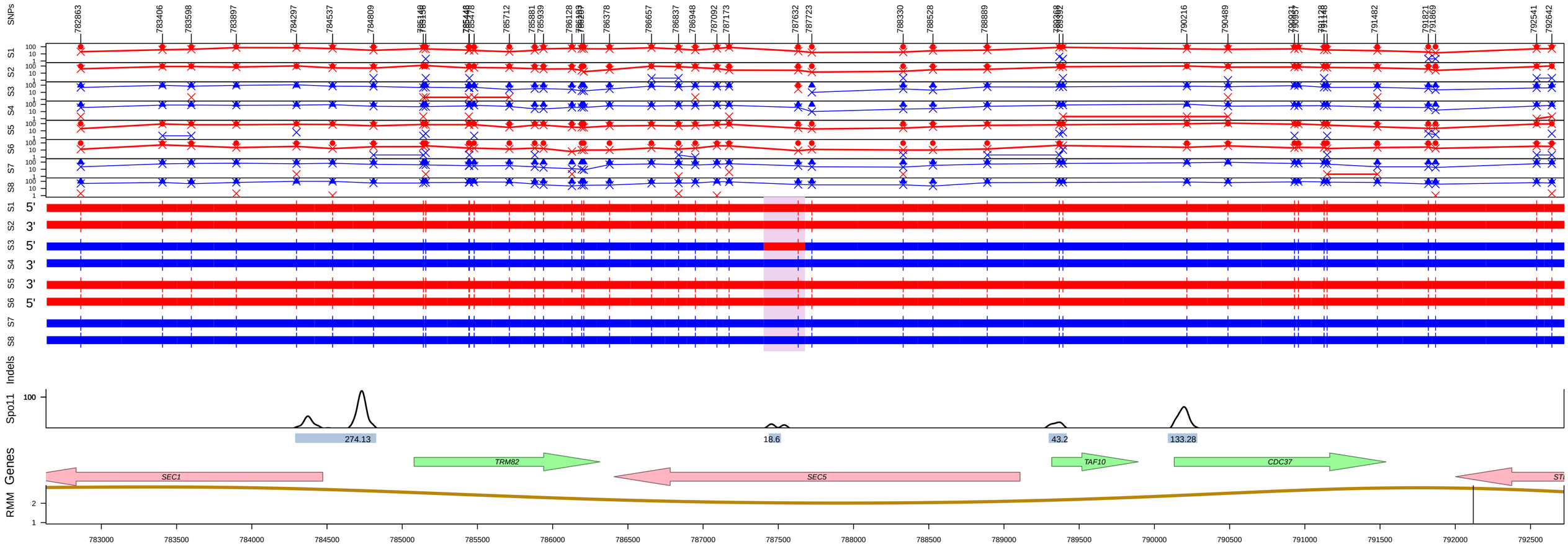
Genotype=OM1 Id=120 Chromo=10 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=90bp Midpoint=360711.75 Variants=1
Red=S288c, Blue=SK1



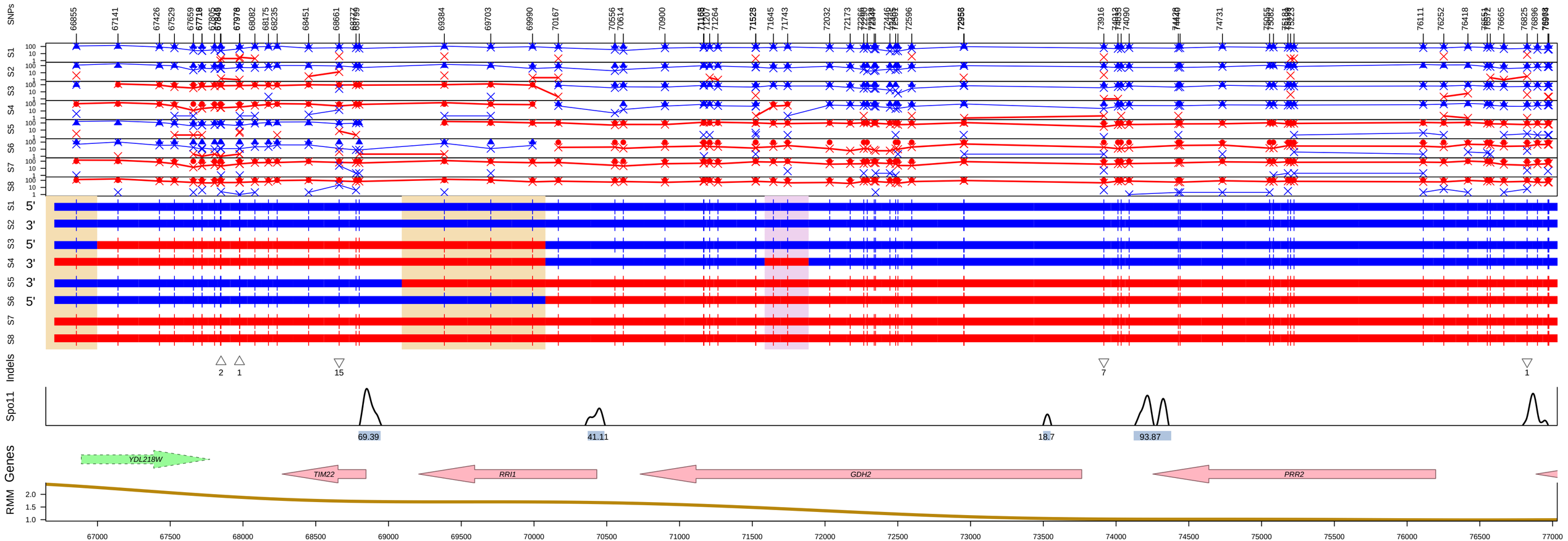
Genotype=OM1 Id=103 Chromo=8 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=96bp Midpoint=399094.5 Variants=1
Red=S288c, Blue=SK1



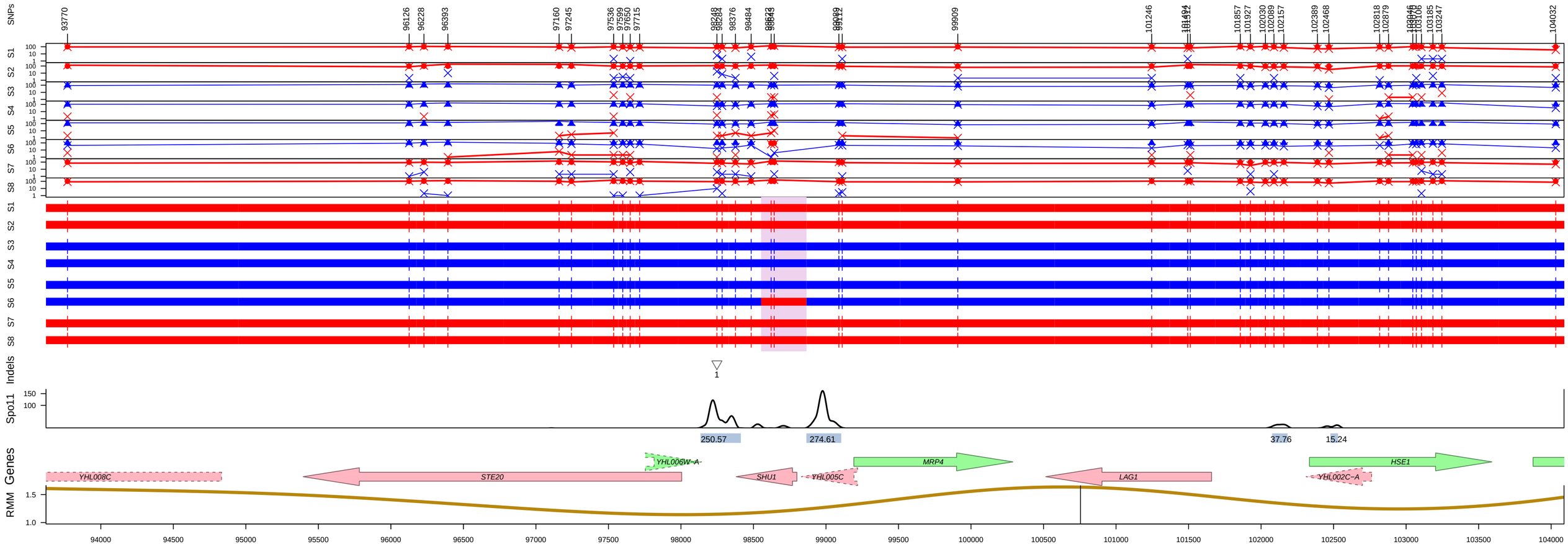
Genotype=OM1 Id=152 Chromo=13 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=119bp Midpoint=51455 Variants=1
Red=S288c, Blue=SK1



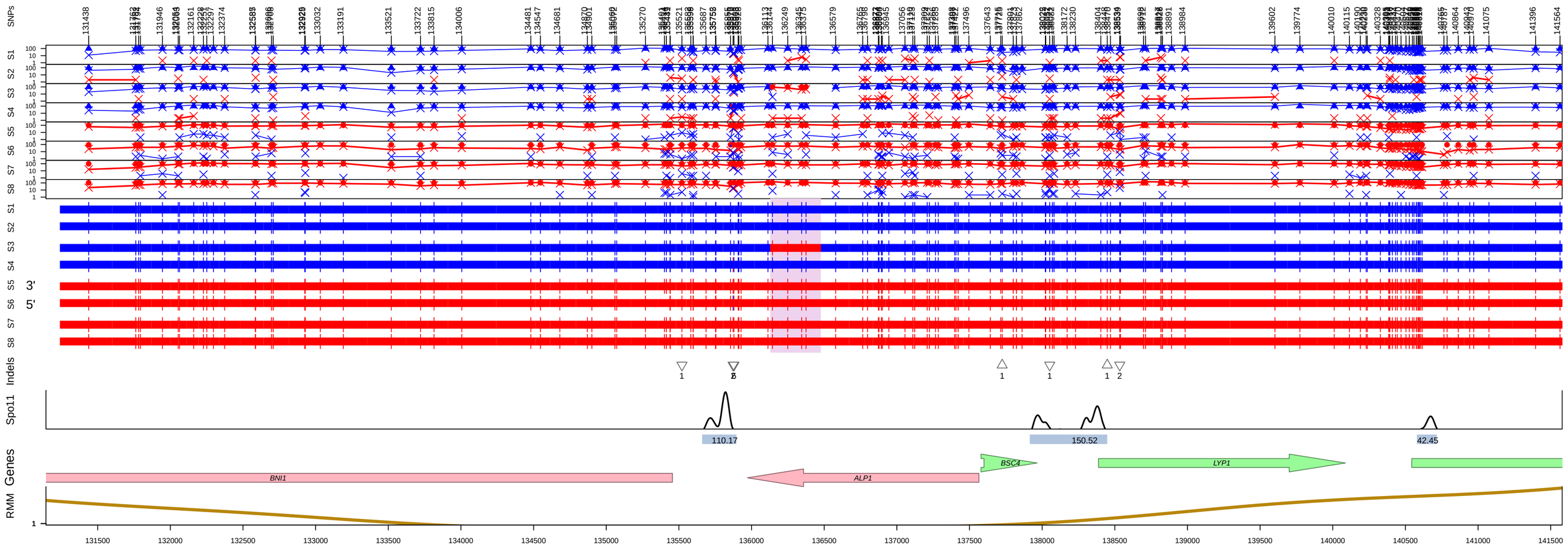
Genotype=OM1 Id=45 Chromo=4 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=275bp Midpoint=787540 Variants=1
Red=S288c, Blue=SK1



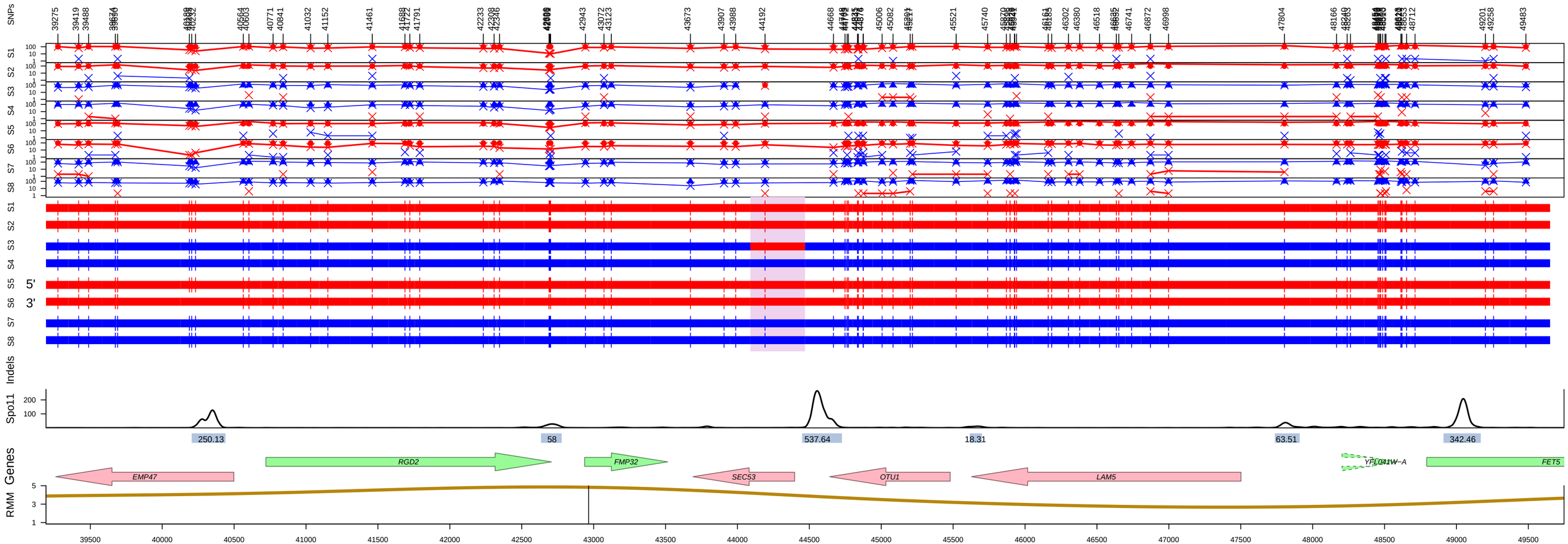
Genotype=OM1 Id=37 Chromo=4 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=302bp Midpoint=71736.25 Variants=2
Red=S288c, Blue=SK1



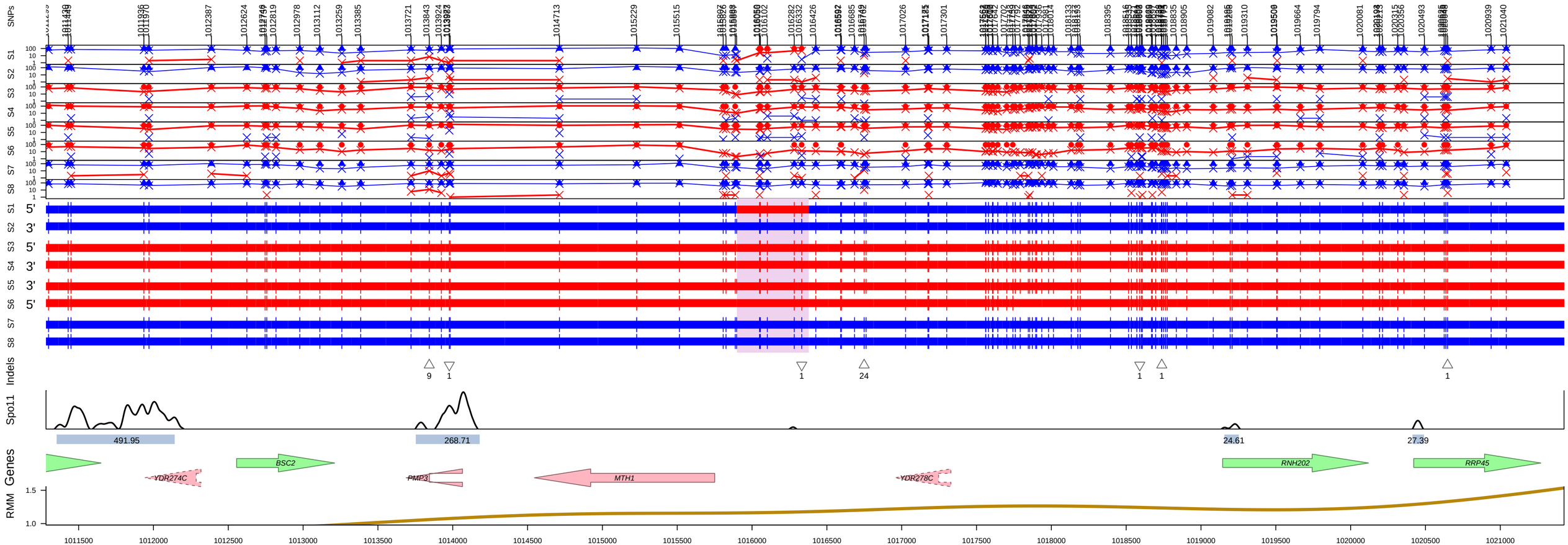
Genotype=OM1 Id=97 Chromo=8 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=313bp Midpoint=98709.5 Variants=2
Red=S288c, Blue=SK1



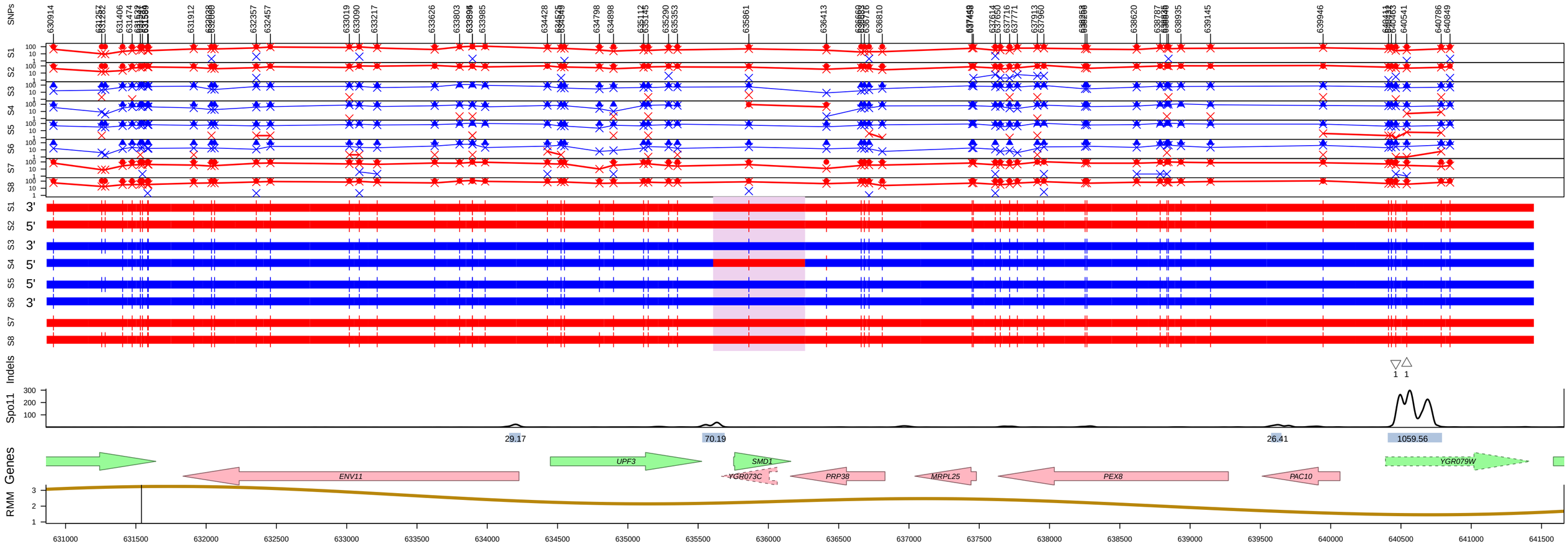
Genotype=OM1 Id=170 Chromo=14 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=348bp Midpoint=136302.75 Variants=4
Red=S288c, Blue=SK1



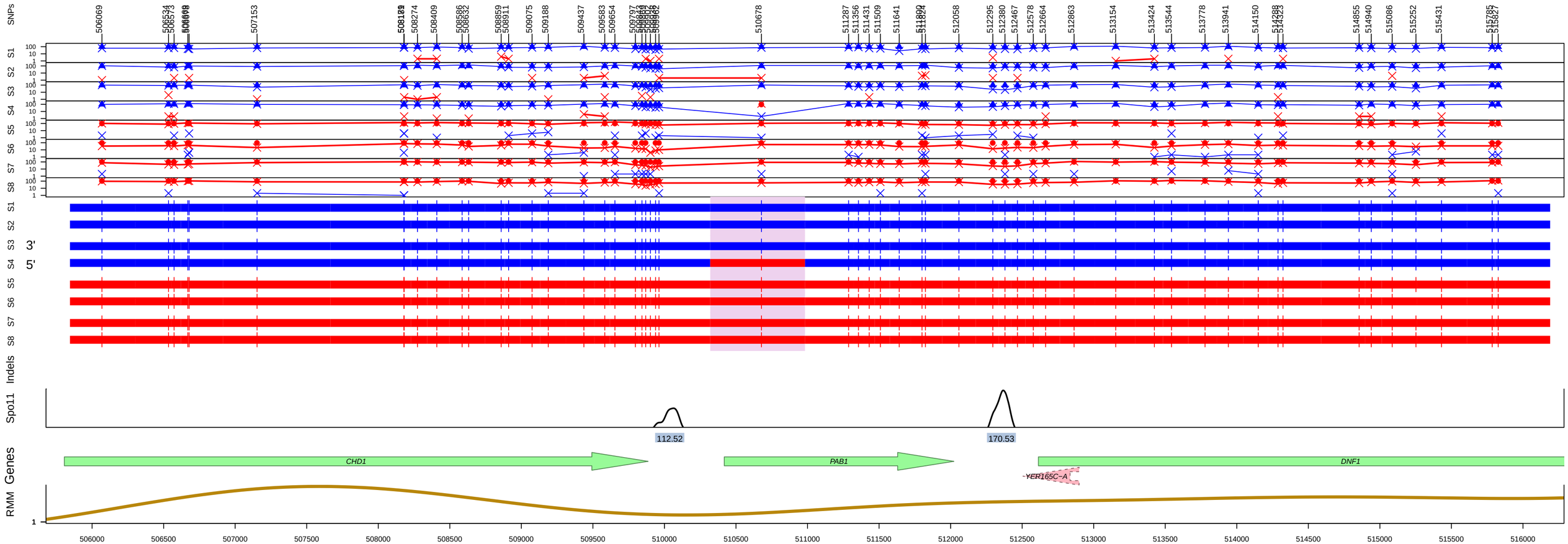
Genotype=OM1 Id=65 Chromo=6 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=380bp Midpoint=44280 Variants=1
Red=S288c, Blue=SK1



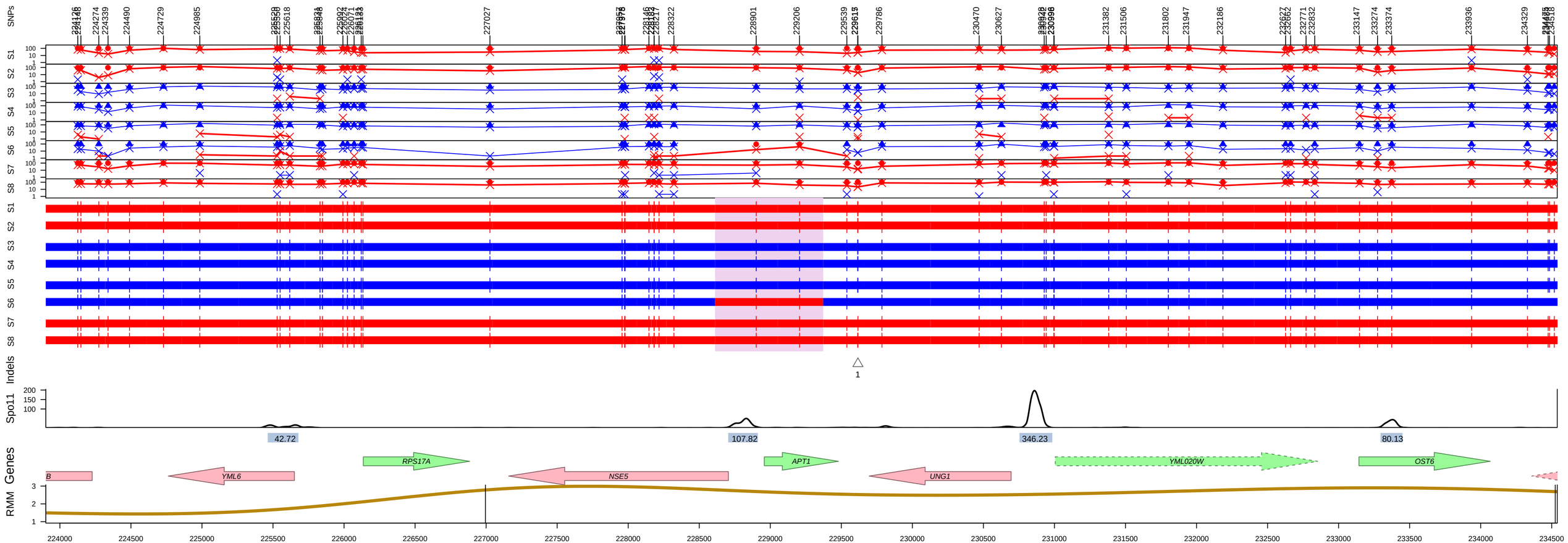
Genotype=OM1 Id=49 Chromo=4 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=480bp Midpoint=1016138.75 Variants=2
Red=S288c, Blue=SK1



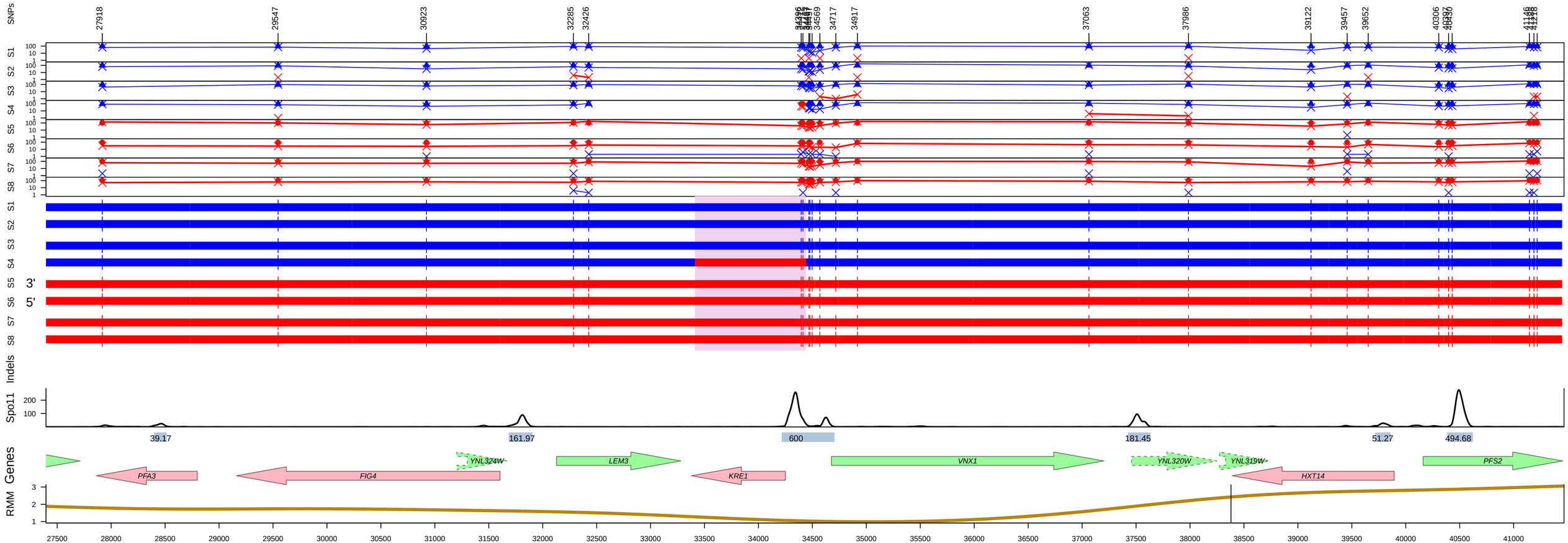
Genotype=OM1 Id=88 Chromo=7 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=654bp Midpoint=635933.75 Variants=1
Red=S288c, Blue=SK1



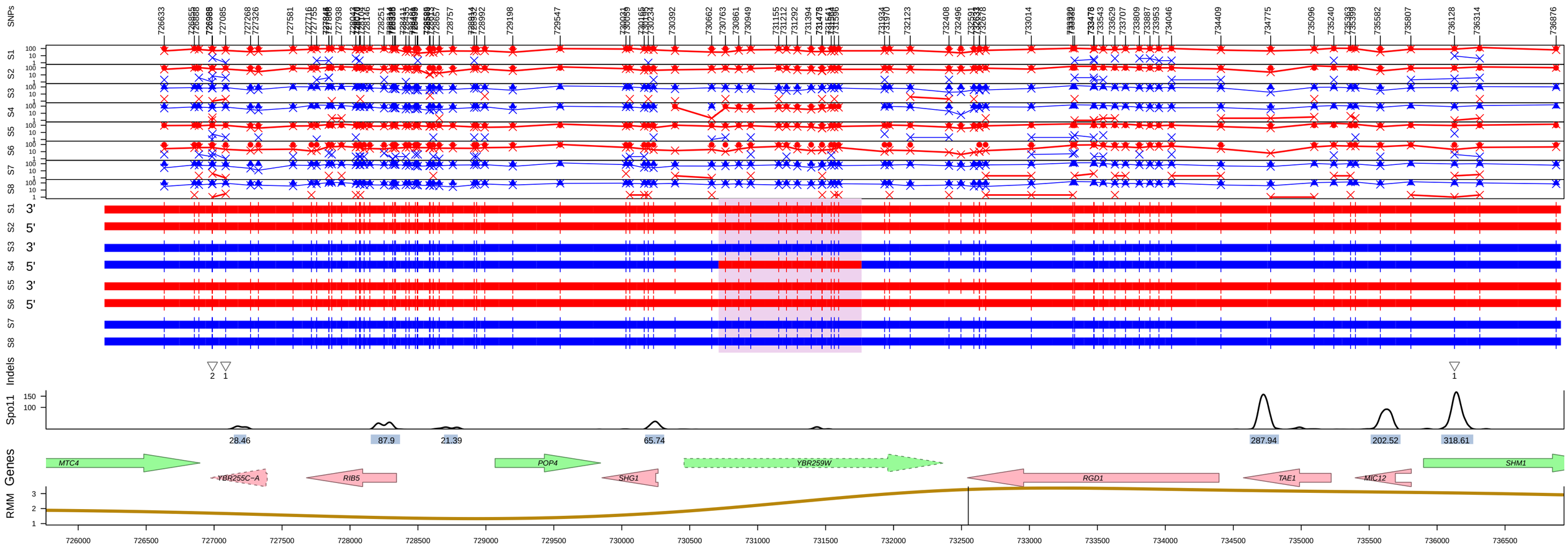
Genotype=OM1 Id=64 Chromo=5 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=662bp Midpoint=510651.25 Variants=1
Red=S288c, Blue=SK1



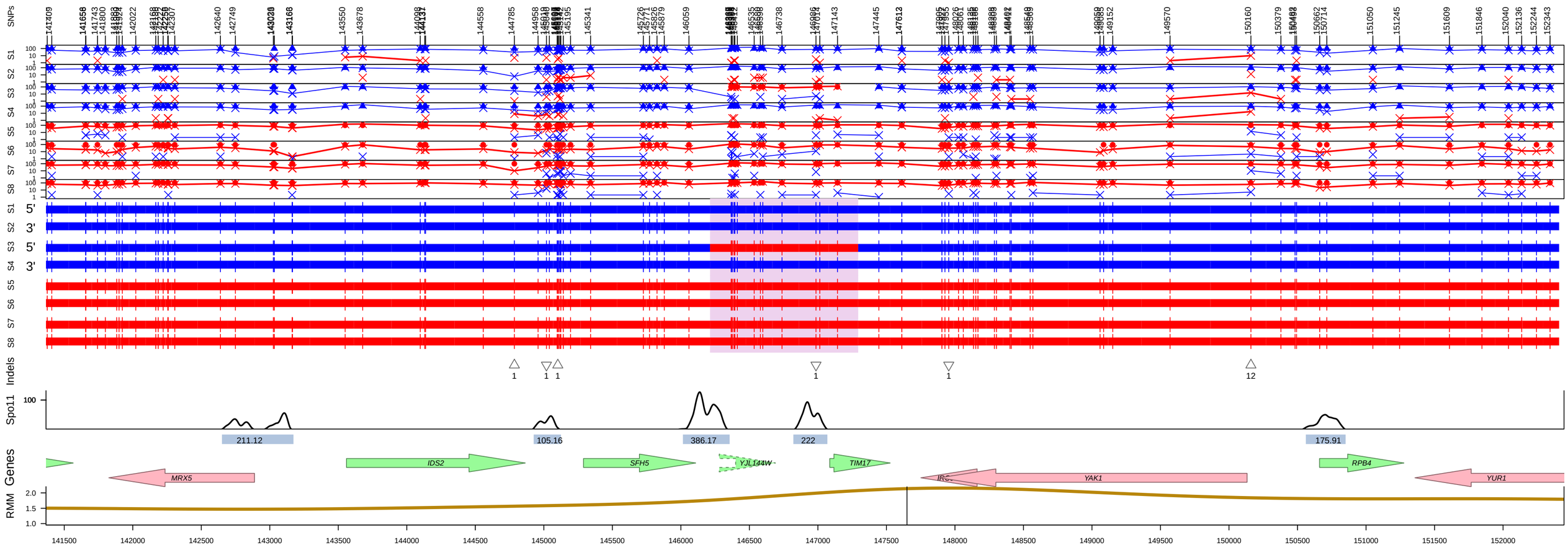
Genotype=OM1 Id=156 Chromo=13 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=761bp Midpoint=228992 Variants=2
Red=S288c, Blue=SK1



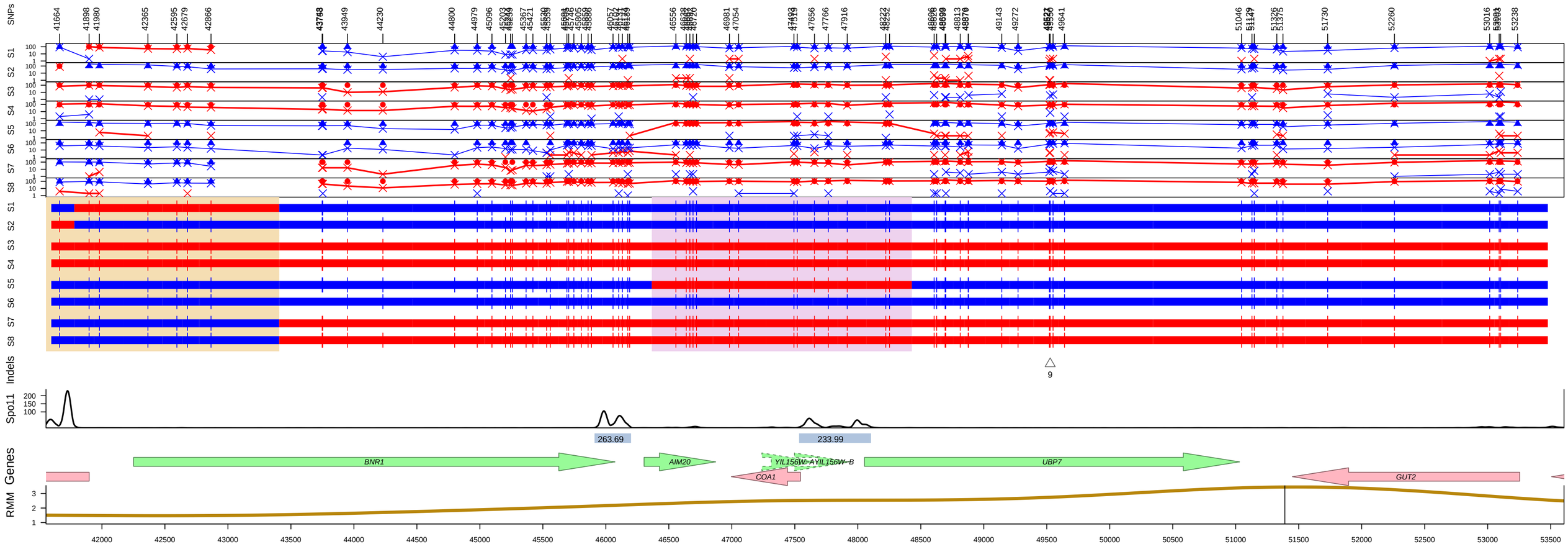
Genotype=OM1 Id=167 Chromo=14 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=1028bp Midpoint=33925.25 Variants=2
Red=S288c, Blue=SK1



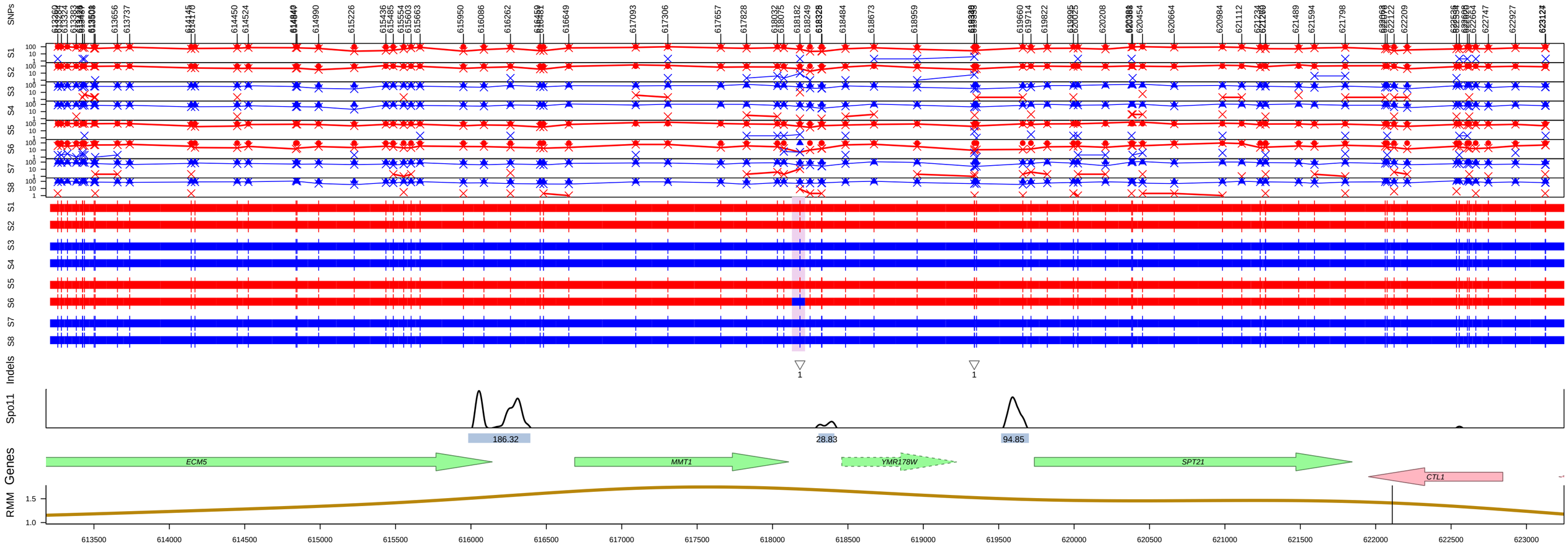
Genotype=OM1 Id=24 Chromo=2 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=1052bp Midpoint=731238.75 Variants=12
Red=S288c, Blue=SK1



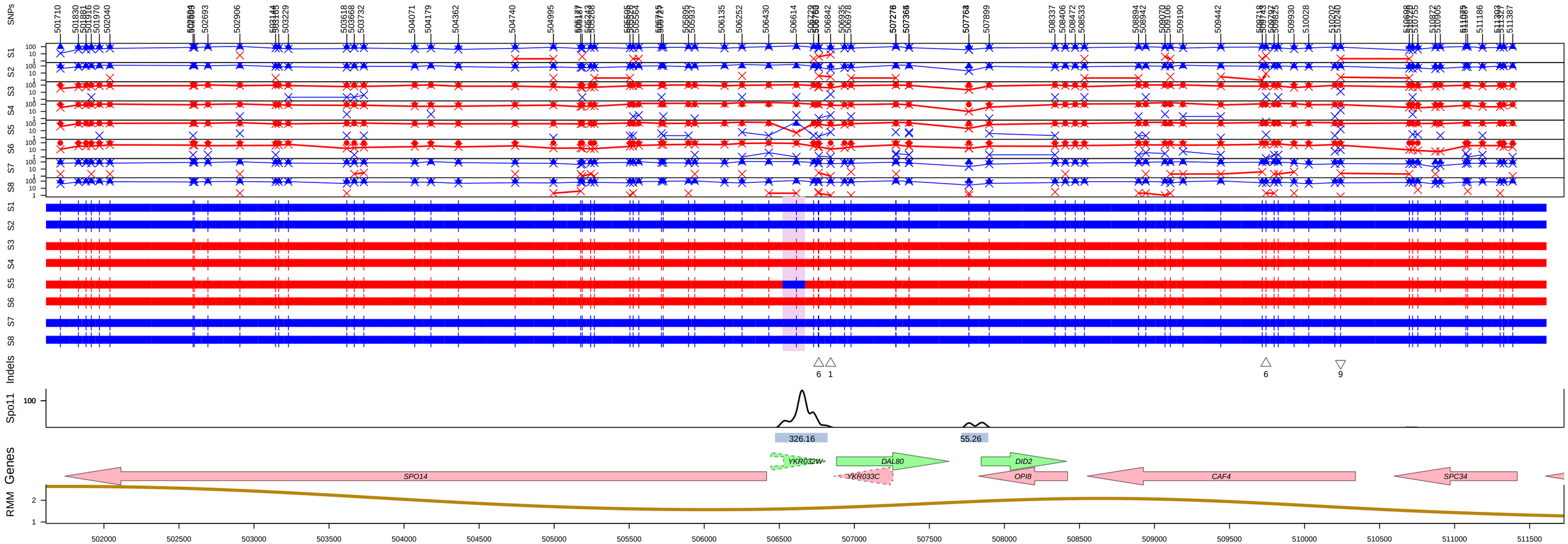
Genotype=OM1 Id=115 Chromo=10 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=1081bp Midpoint=146753.5 Variants=13
Red=S288c, Blue=SK1



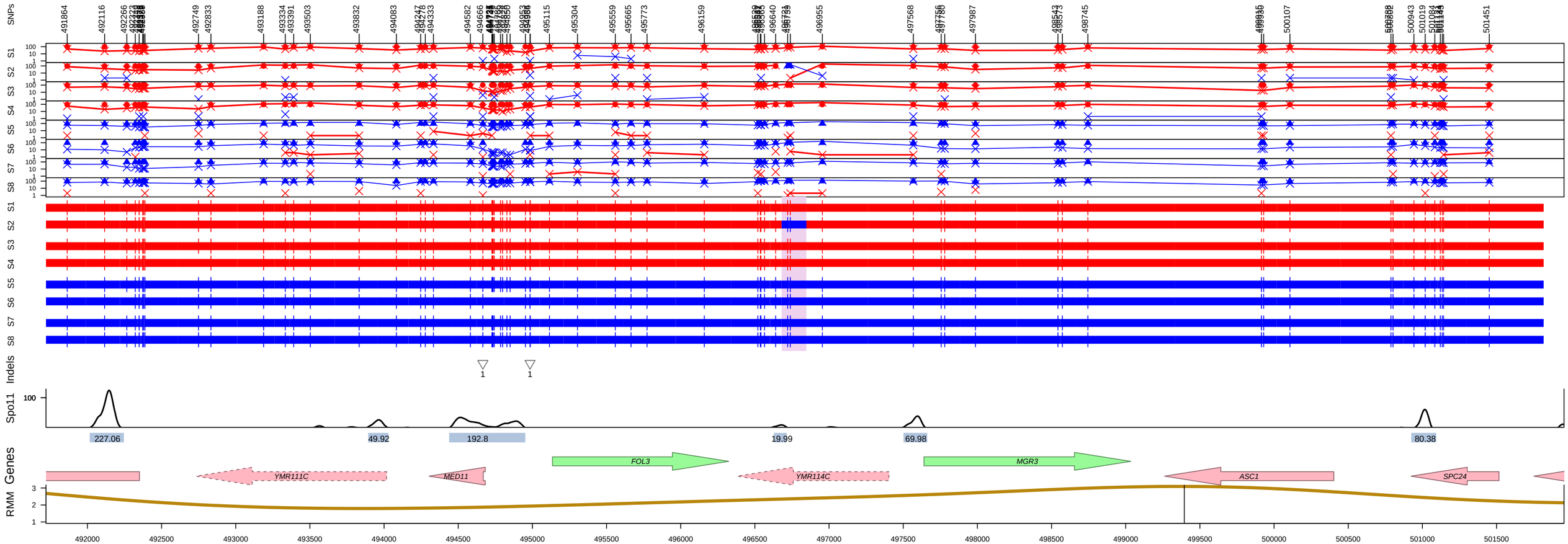
Genotype=OM1 Id=107 Chromo=9 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=2064bp Midpoint=47397 Variants=13
Red=S288c, Blue=SK1



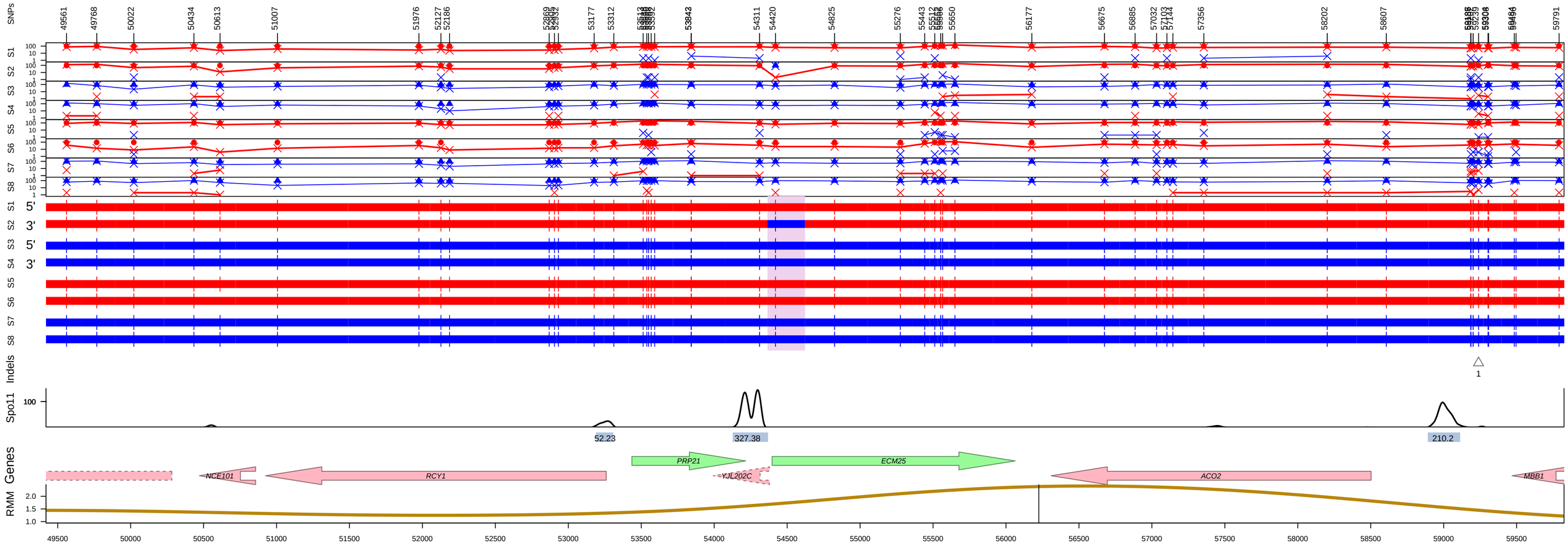
Genotype=OM1 Id=162 Chromo=13 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=87bp Midpoint=618172 Variants=1
Red=S288c, Blue=SK1



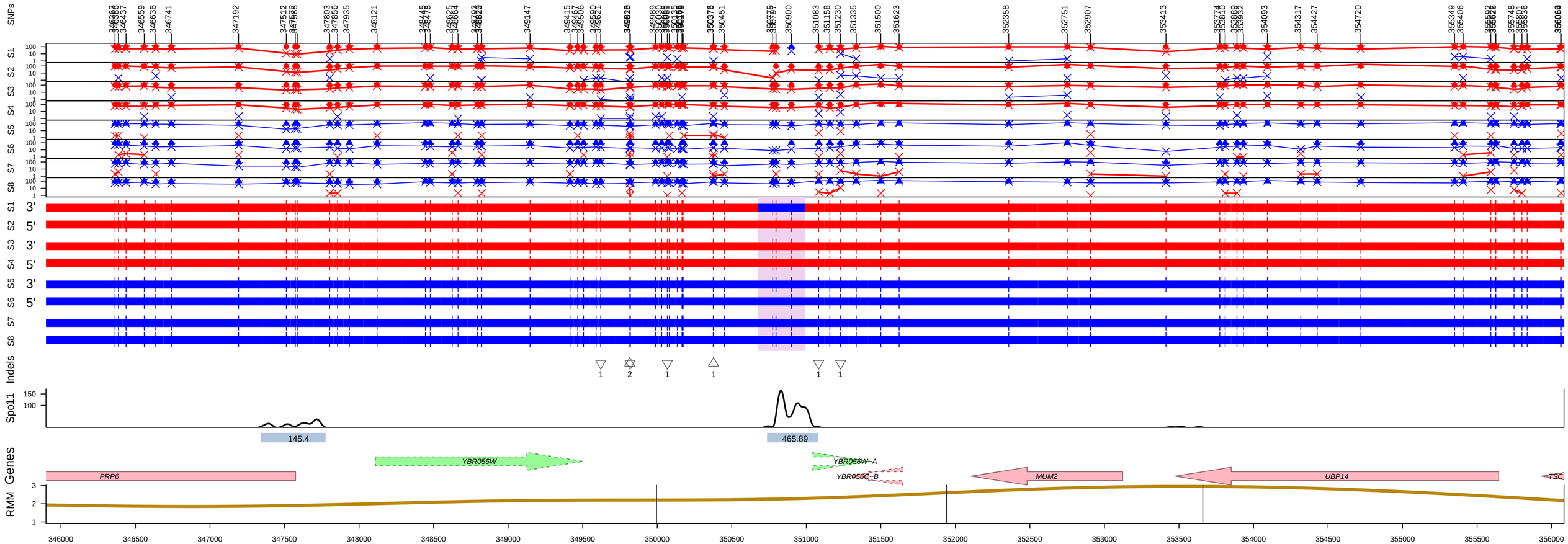
Genotype=OM1 Id=134 Chromo=11 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=150bp Midpoint=506596.75 Variants=1
Red=S288c, Blue=SK1



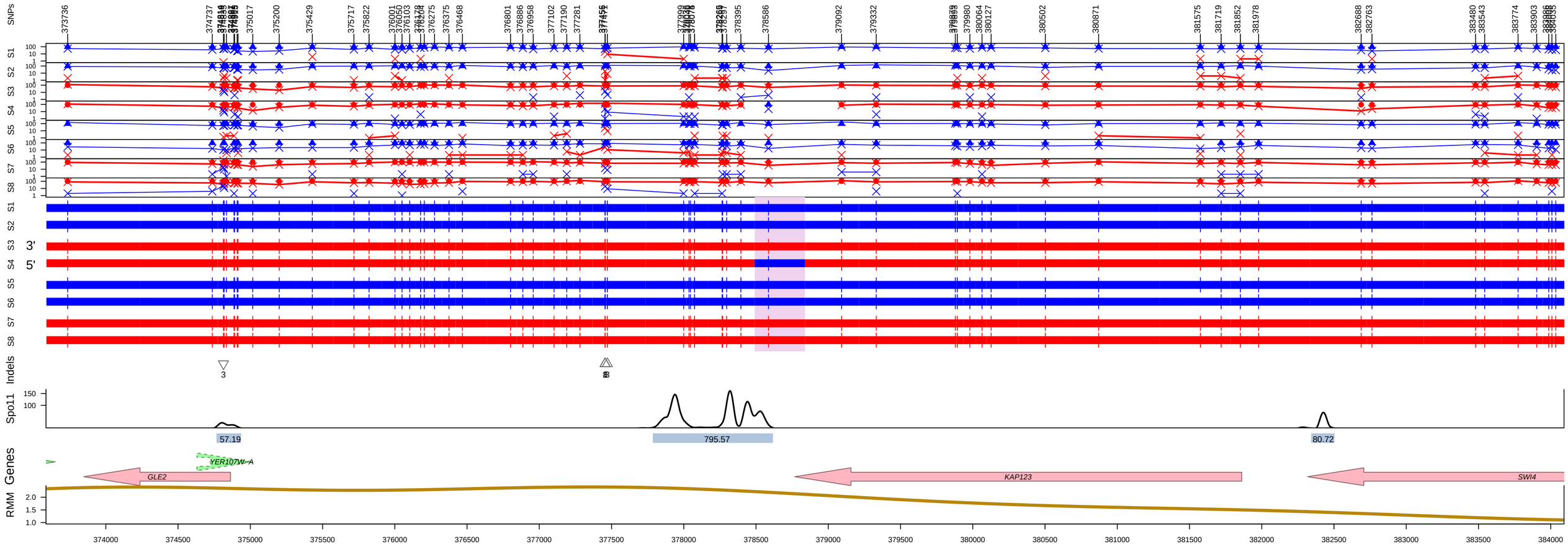
Genotype=OM1 Id=159 Chromo=13 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=166bp Midpoint=496763.75 Variants=2
Red=S288c, Blue=SK1



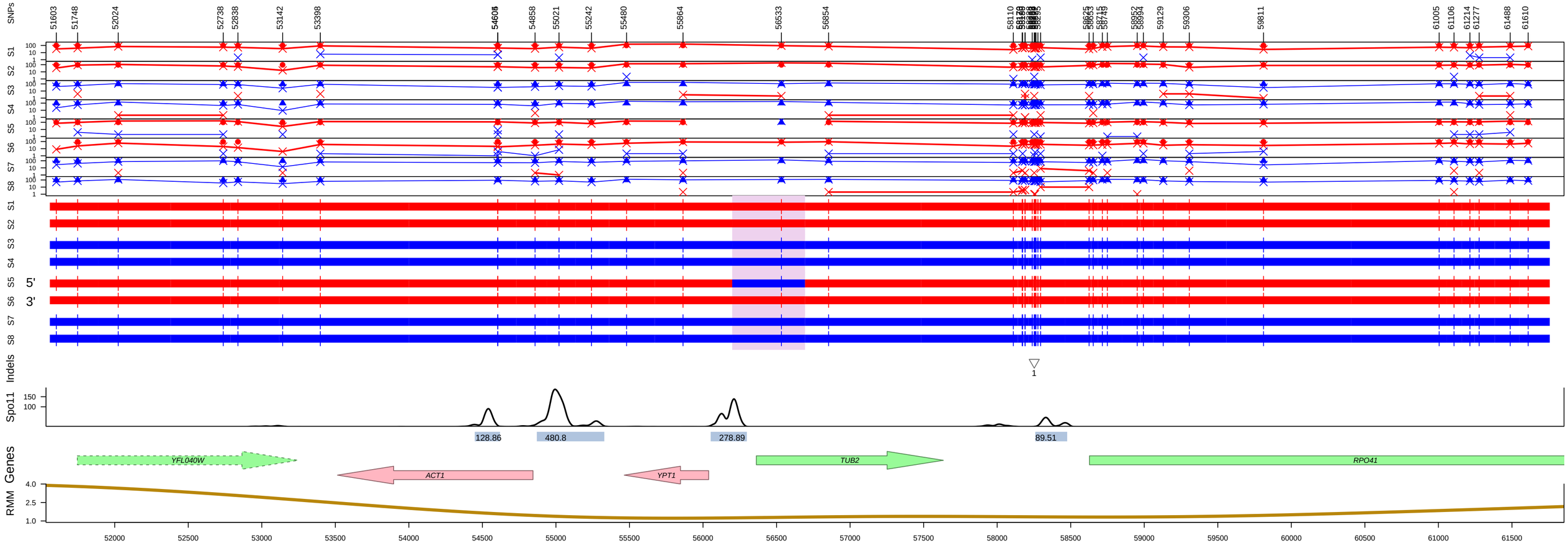
Genotype=OM1 Id=113 Chromo=10 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=257bp Midpoint=54494 Variants=1
Red=S288c, Blue=SK1



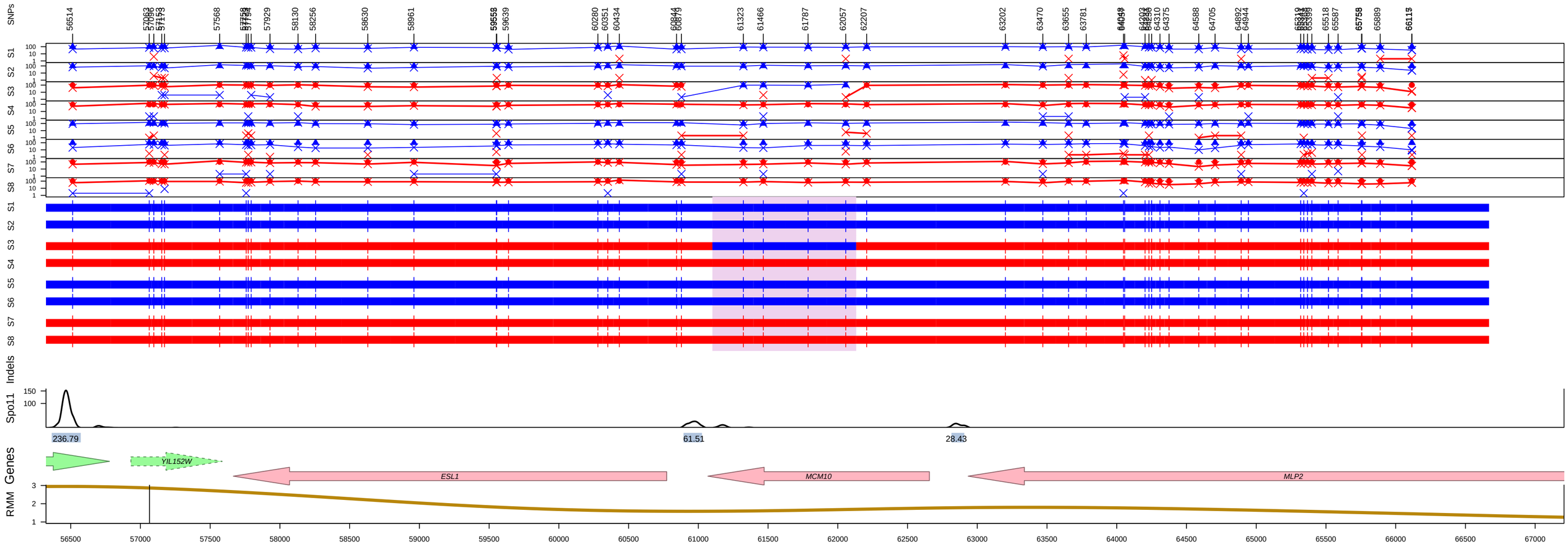
Genotype=OM1 Id=12 Chromo=2 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=316bp Midpoint=350833.5 Variants=1
Red=S288c, Blue=SK1



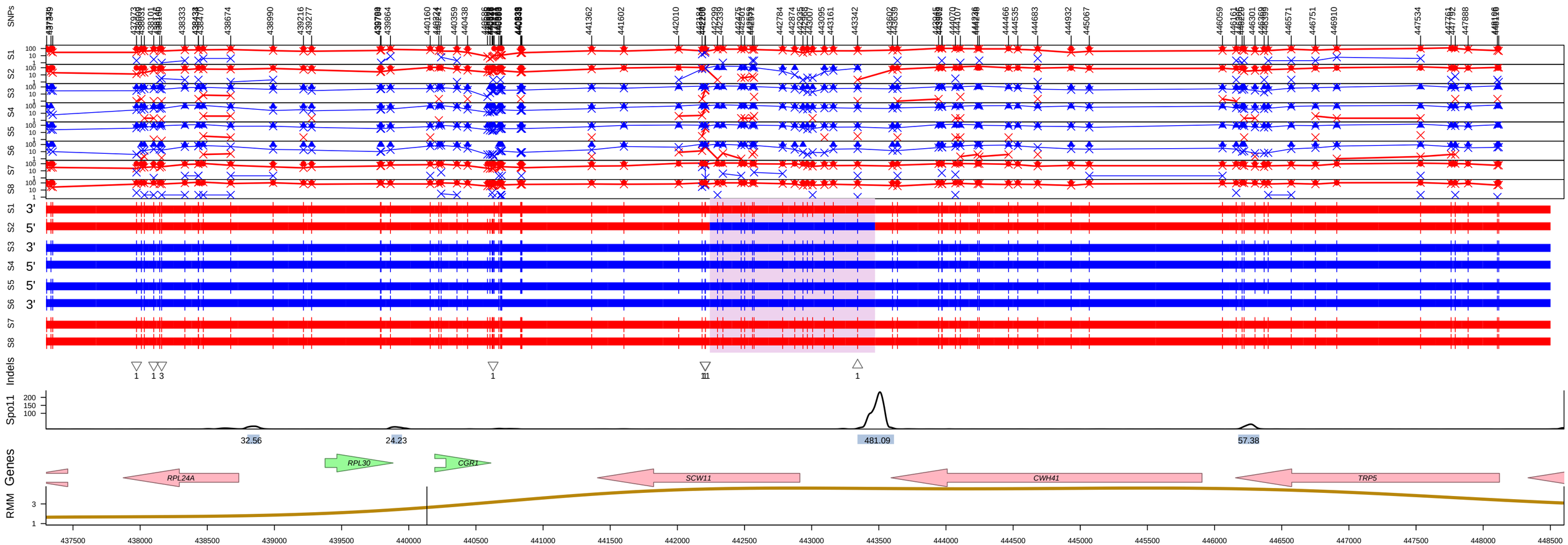
Genotype=OM1 Id=61 Chromo=5 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=348bp Midpoint=378664.75 Variants=1
Red=S288c, Blue=SK1



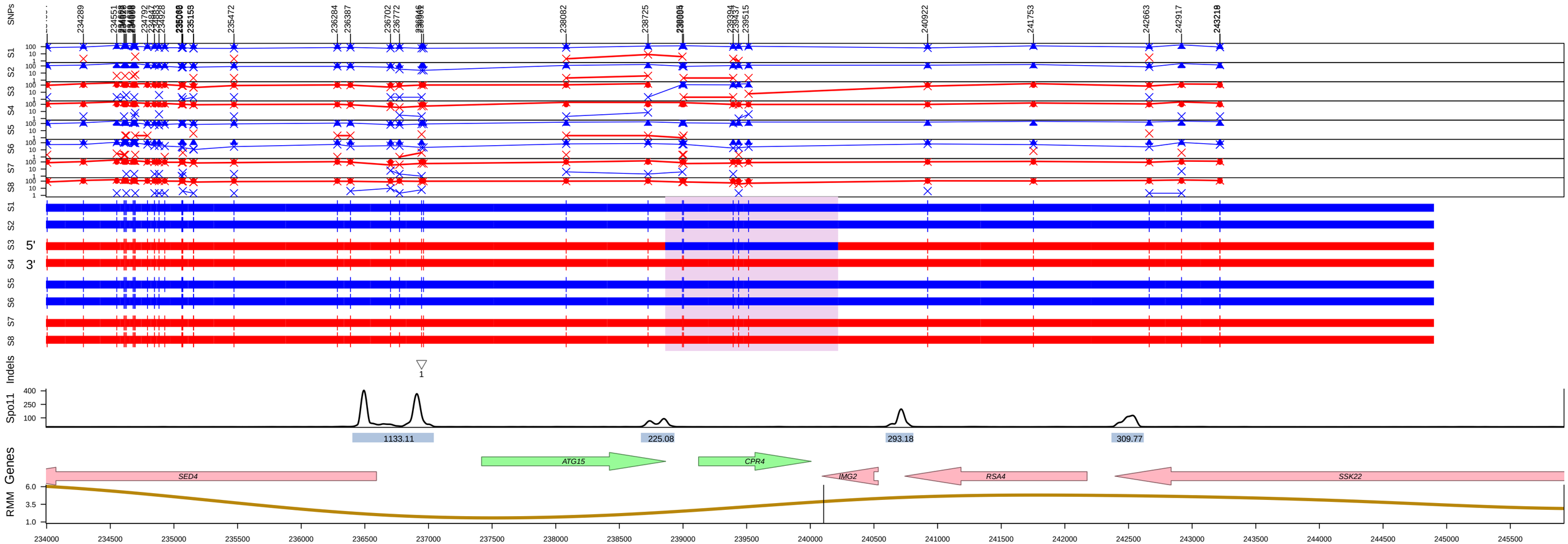
Genotype=OM1 Id=66 Chromo=6 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=495bp Midpoint=56446 Variants=1
Red=S288c, Blue=SK1



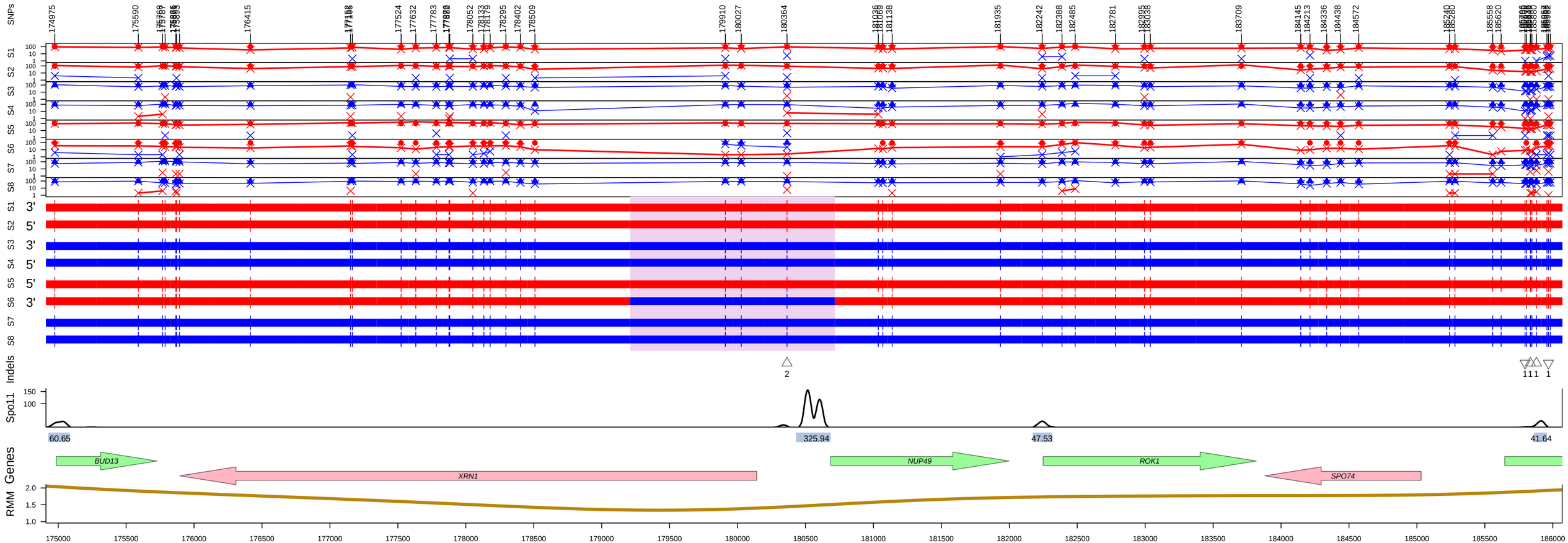
Genotype=OM1 Id=108 Chromo=9 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=1031bp Midpoint=61616.5 Variants=4
Red=S288c, Blue=SK1



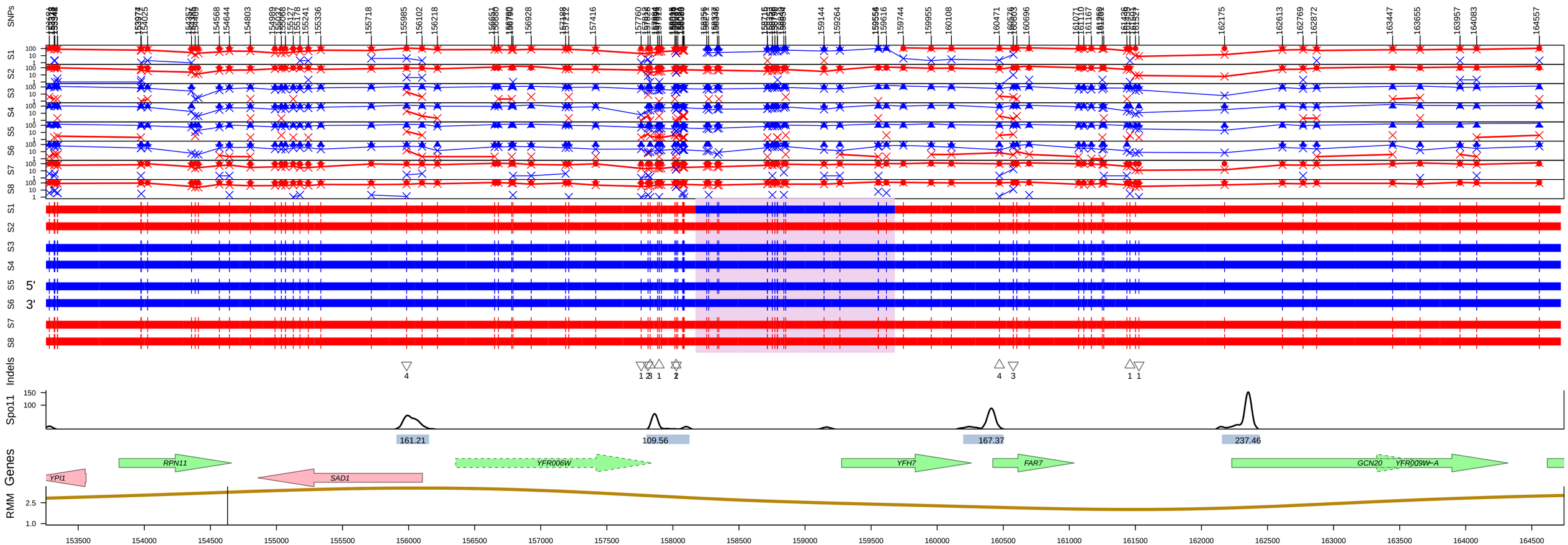
Genotype=OM1 Id=83 Chromo=7 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=1230bp Midpoint=442856.75 Variants=10
Red=S288c, Blue=SK1



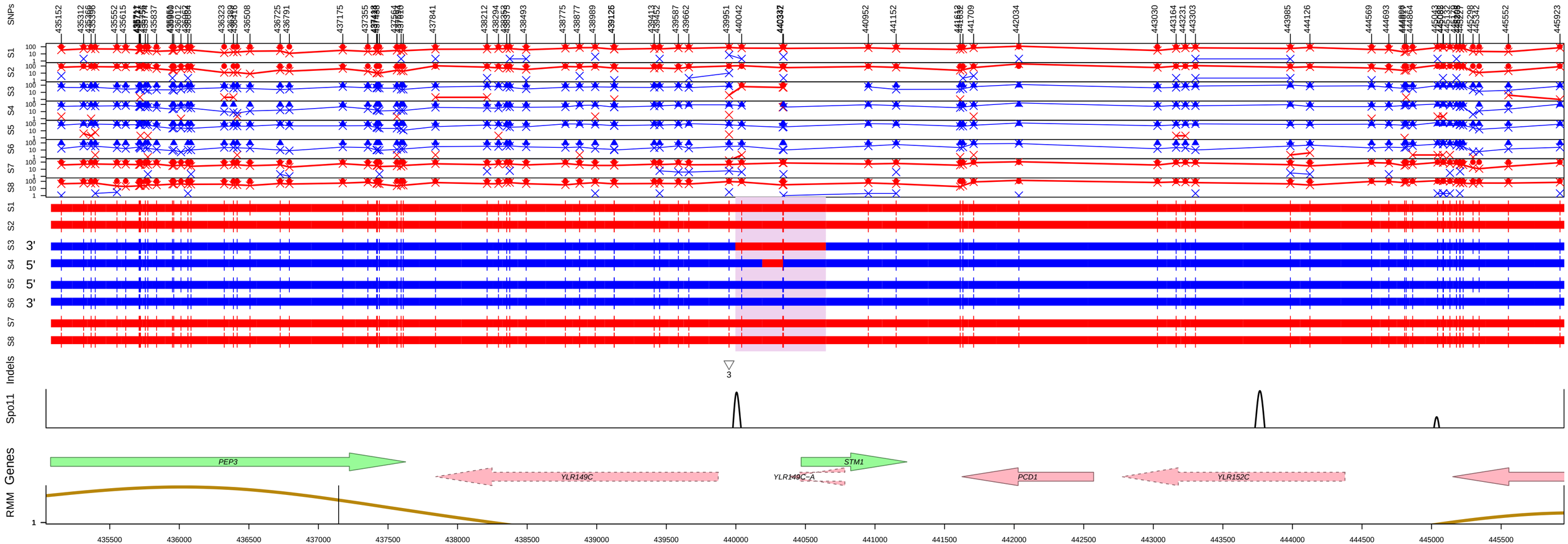
Genotype=OM1 Id=32 Chromo=3 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=1358bp Midpoint=239539.25 Variants=5
Red=S288c, Blue=SK1



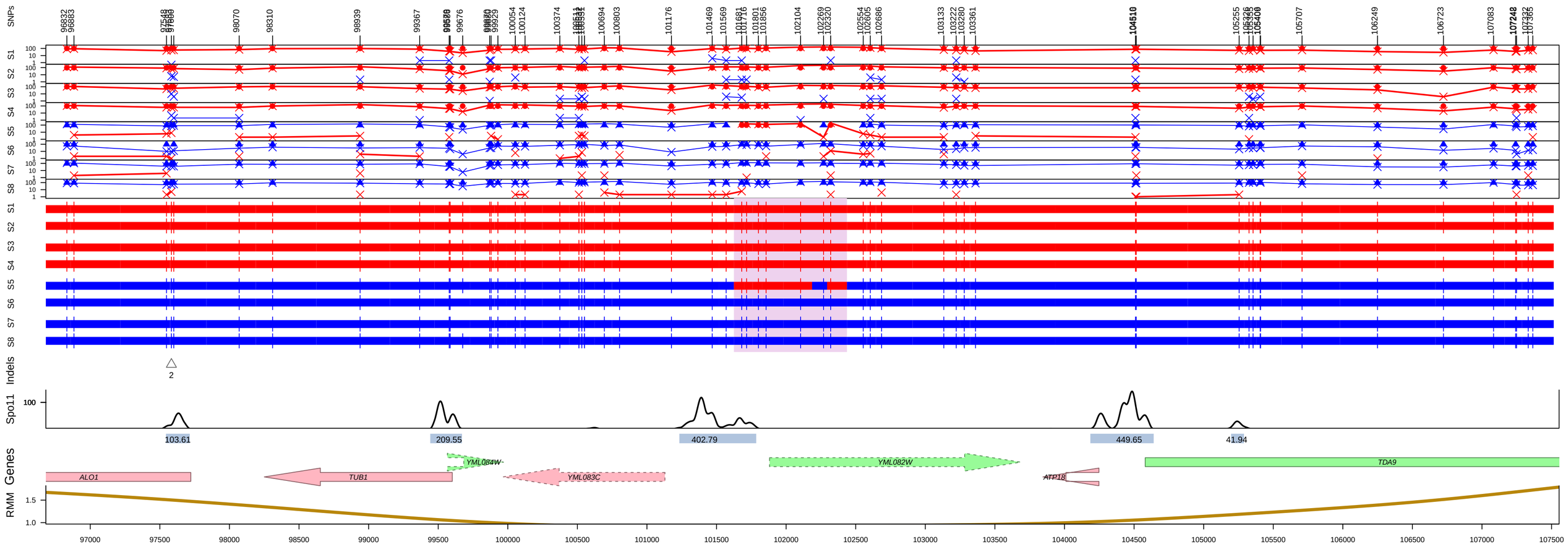
Genotype=OM1 Id=78 Chromo=7 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=1507bp Midpoint=179963 Variants=3
Red=S288c, Blue=SK1



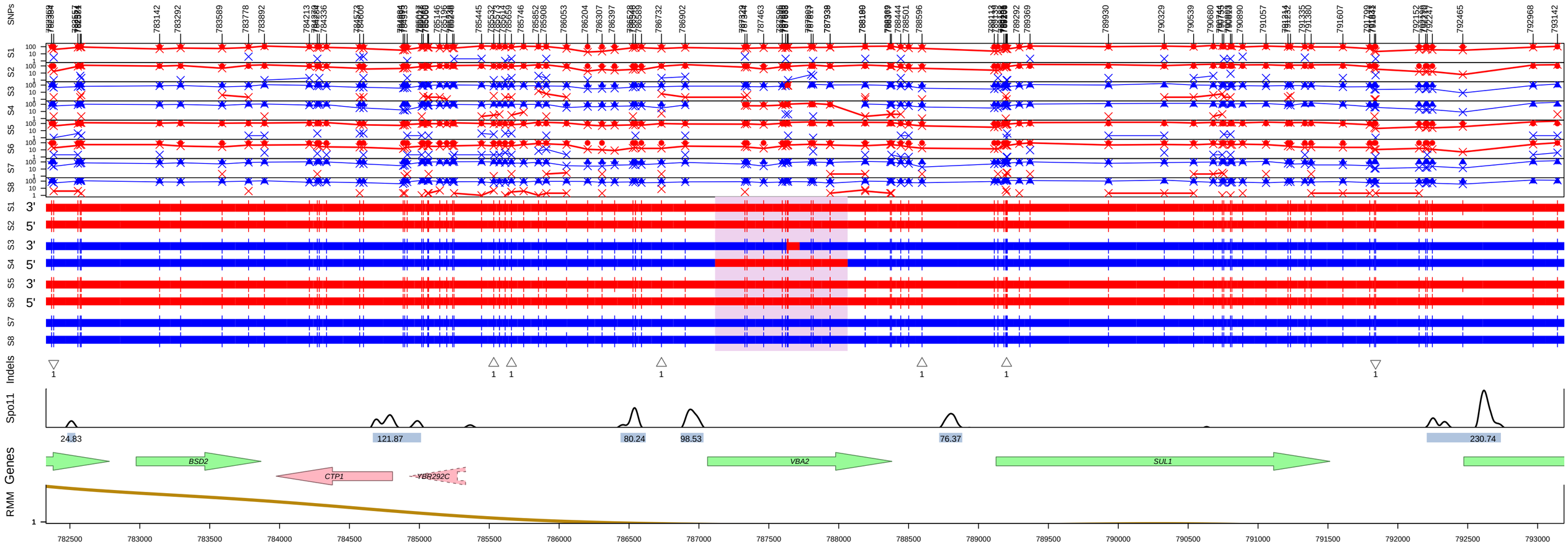
Genotype=OM1 Id=69 Chromo=6 Type=One−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5
Mid Len=1509bp Midpoint=158925.5 Variants=15
Red=S288c, Blue=SK1



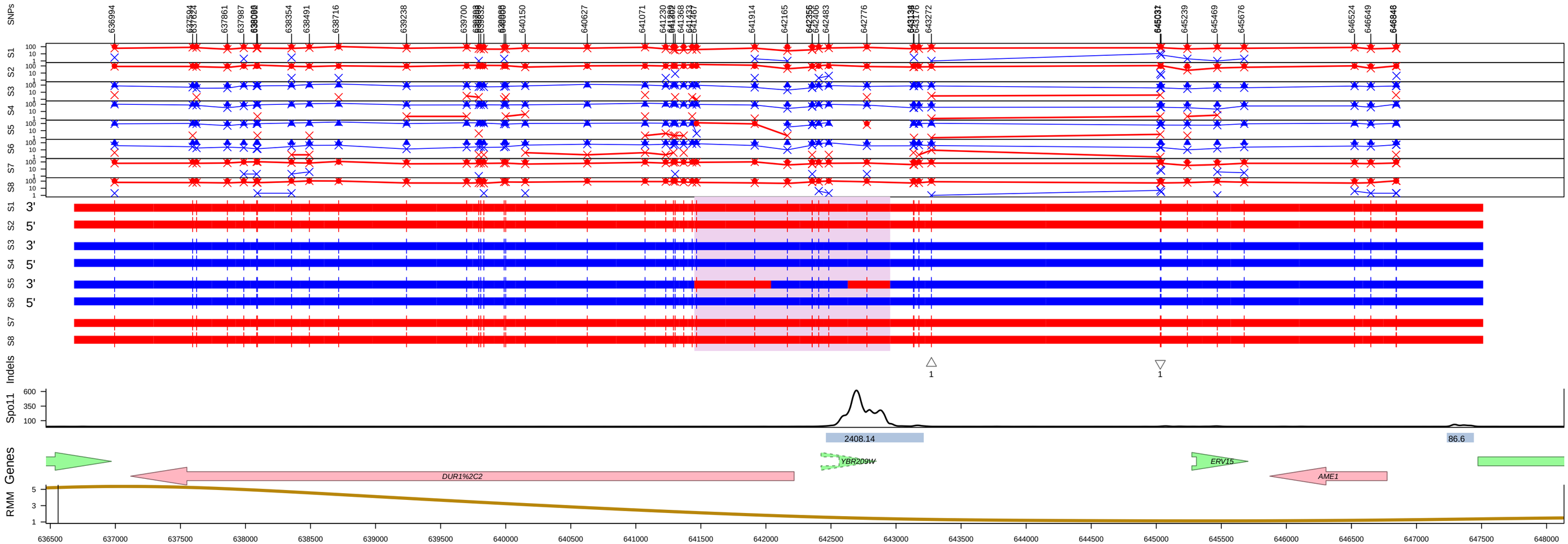
Genotype=OM1 Id=144 Chromo=12 Type=One−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_6:2_5:3
Mid Len=650bp Midpoint=440321.75 Variants=3
Red=S288c, Blue=SK1



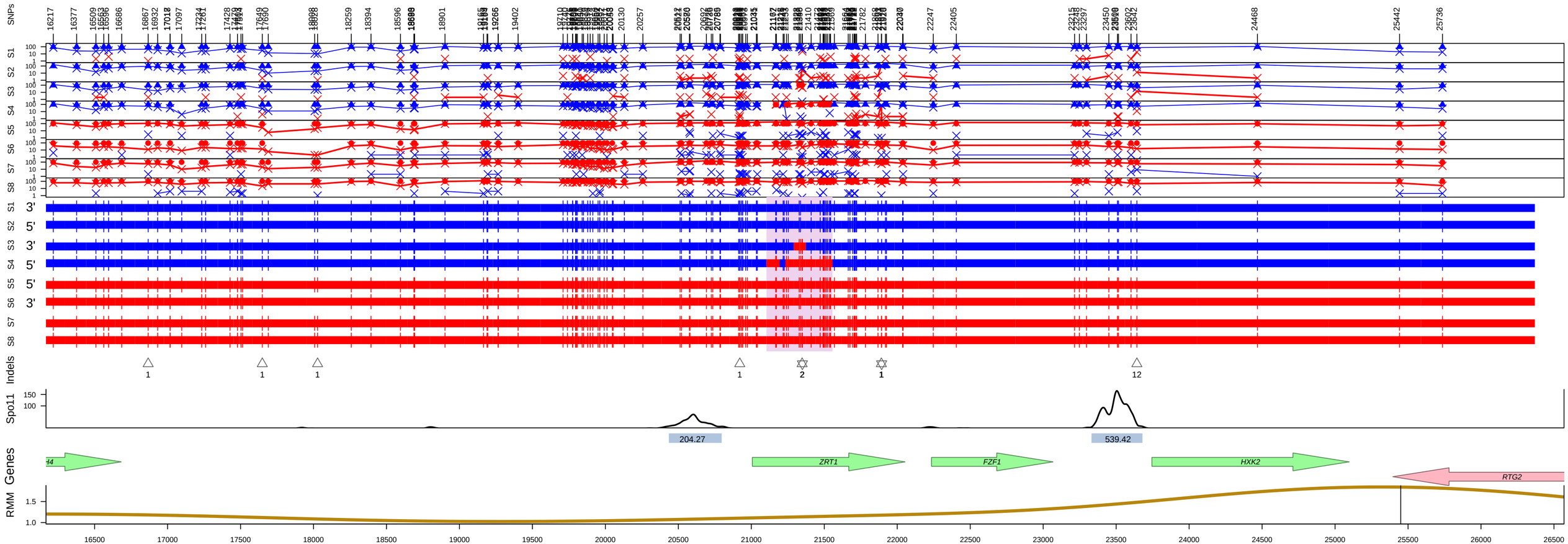
Genotype=OM1 Id=153 Chromo=13 Type=One−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3
Mid Len=812bp Midpoint=102031 Variants=7
Red=S288c, Blue=SK1



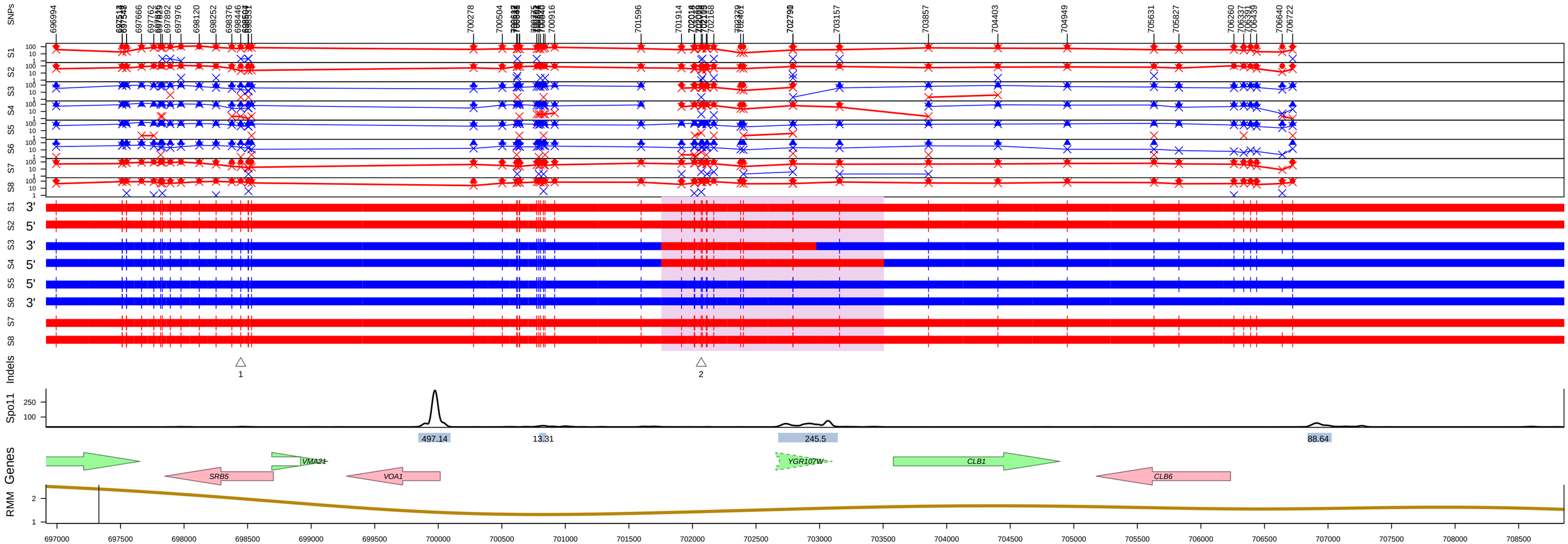
Genotype=OM1 Id=26 Chromo=2 Type=One−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_6:2_5:3
Mid Len=948bp Midpoint=787589.75 Variants=11
Red=S288c, Blue=SK1



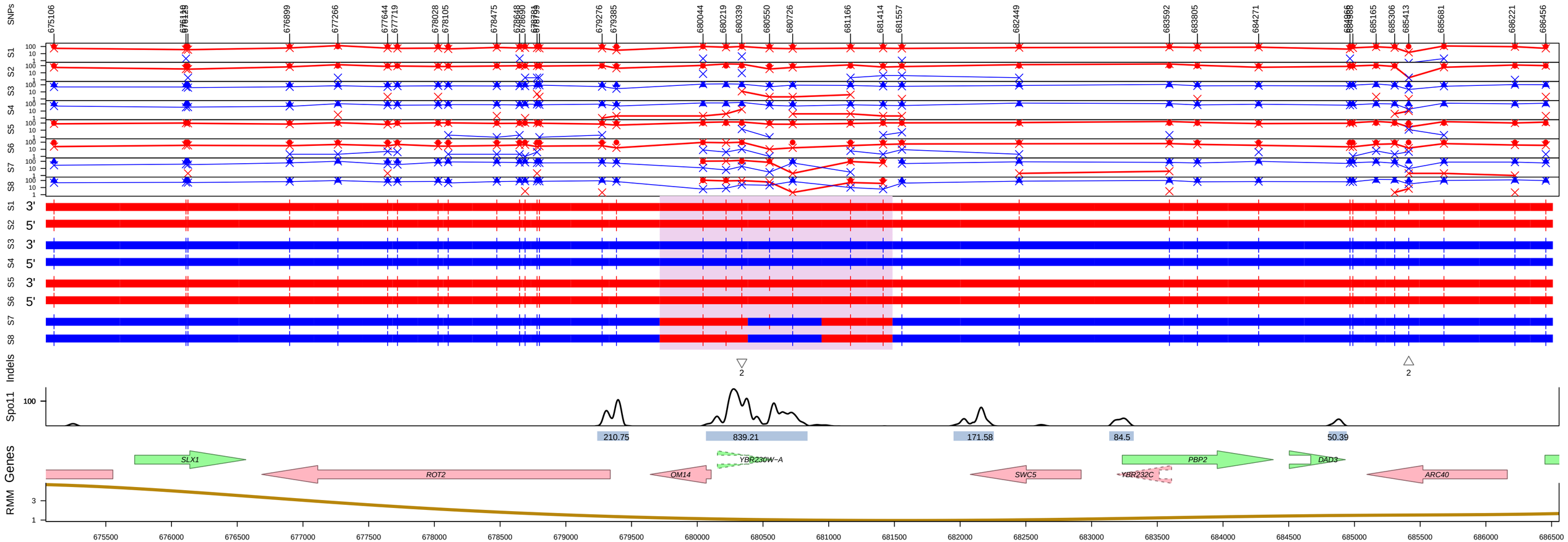
Genotype=OM1 Id=20 Chromo=2 Type=One−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3
Mid Len=1505bp Midpoint=642202.5 Variants=8
Red=S288c, Blue=SK1



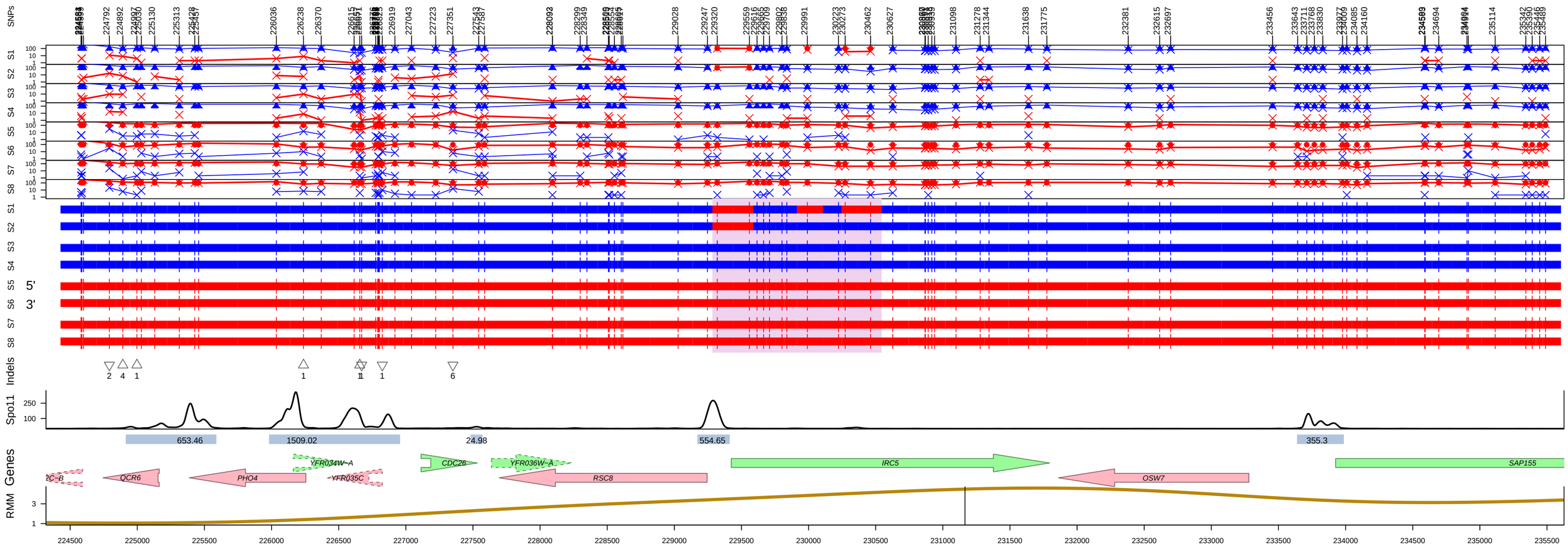
Genotype=OM1 Id=73 Chromo=7 Type=One−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3_6:2_5:3
Mid Len=452bp Midpoint=21330 Variants=18
Red=S288c, Blue=SK1



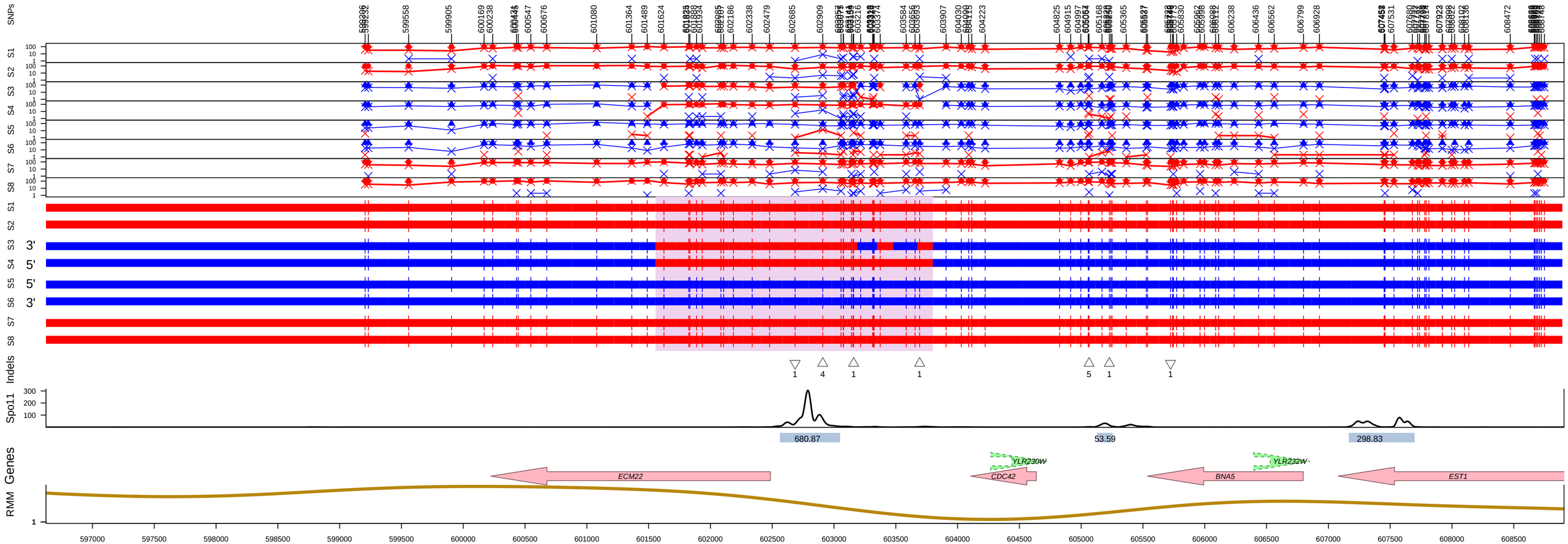
Genotype=OM1 Id=89 Chromo=7 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2_5:3
Mid Len=1752bp Midpoint=702631 Variants=12
Red=S288c, Blue=SK1



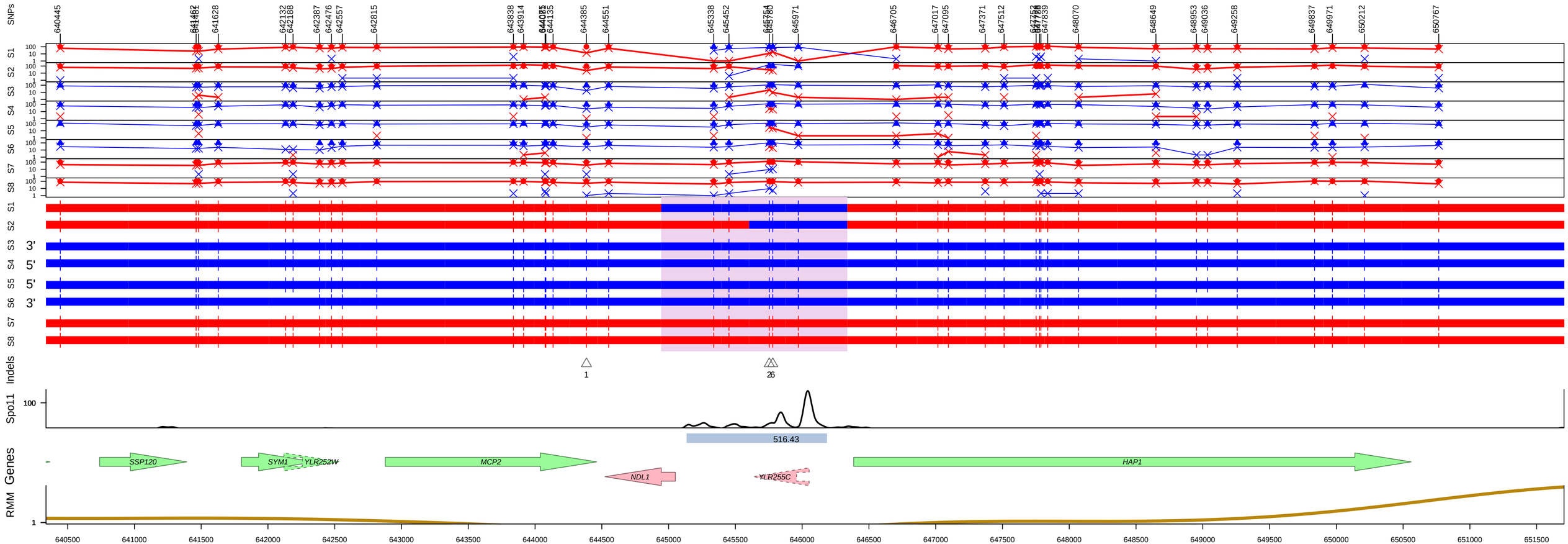
Genotype=OM1 Id=22 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2_4:4_6:2
Mid Len=1771bp Midpoint=680600 Variants=4
Red=S288c, Blue=SK1



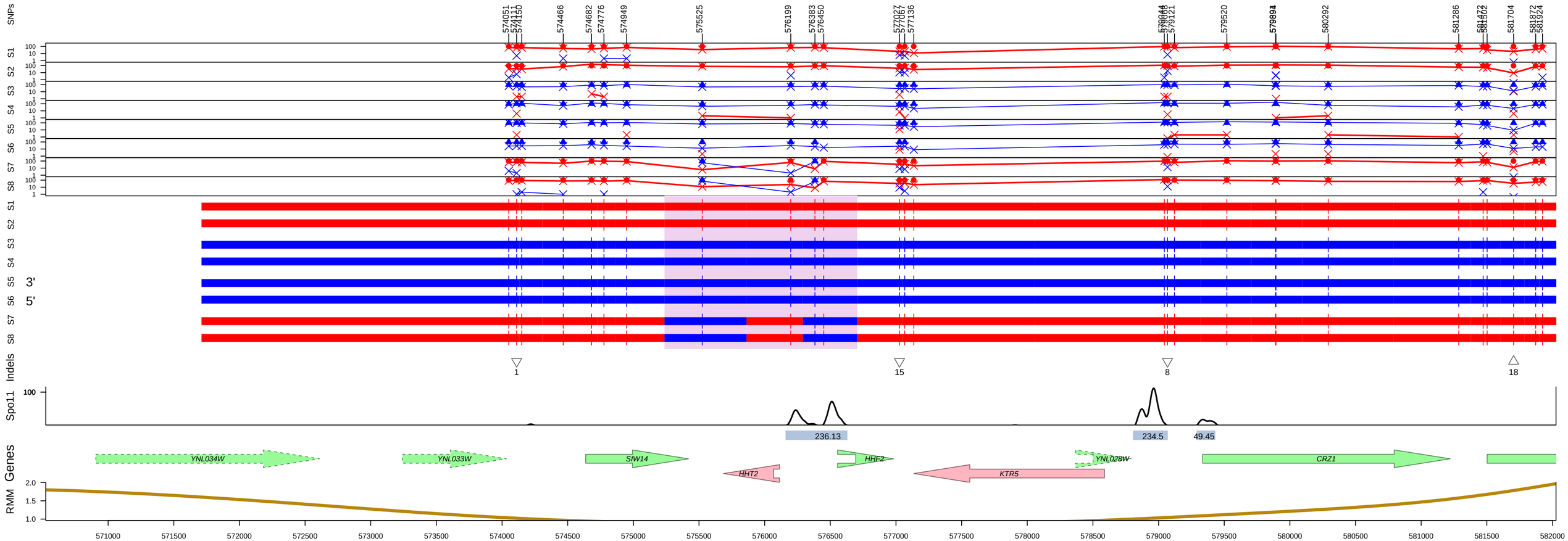
Genotype=OM1 Id=71 Chromo=6 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2_4:4_5:3_4:4_5:3
Mid Len=1261bp Midpoint=229914 Variants=11
Red=S288c, Blue=SK1



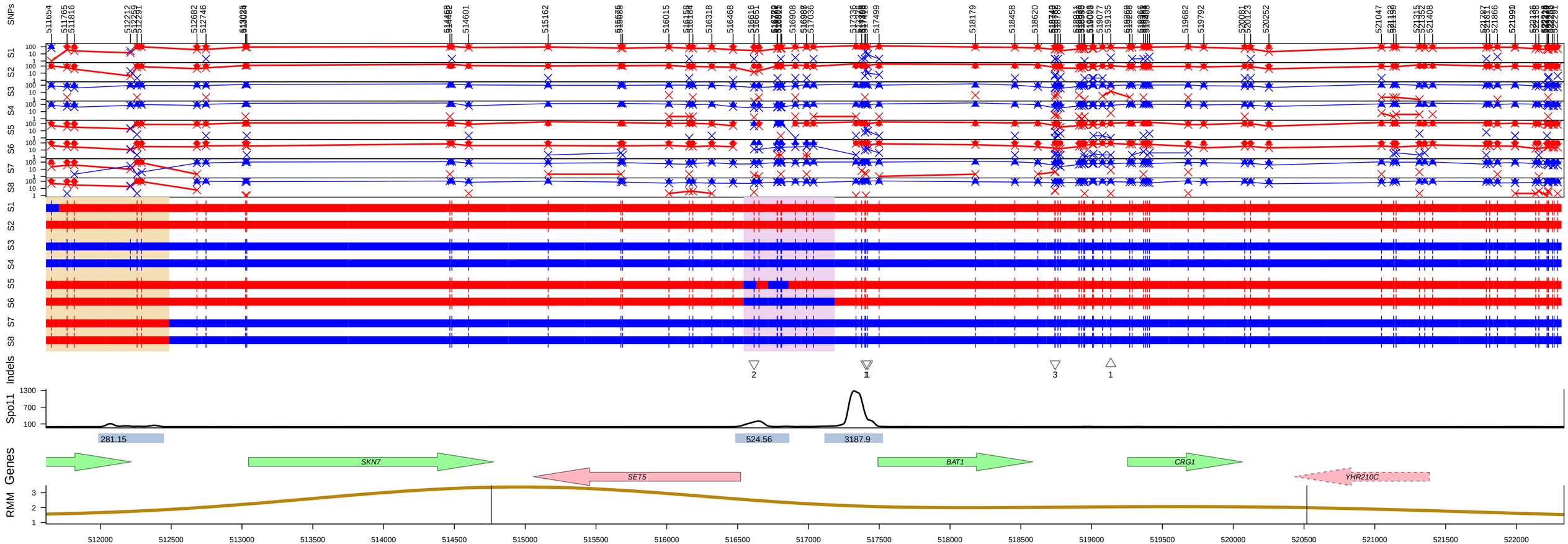
Genotype=OM1 Id=146 Chromo=12 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2_5:3_6:2_5:3_6:2
Mid Len=2244bp Midpoint=602678.25 Variants=26
Red=S288c, Blue=SK1



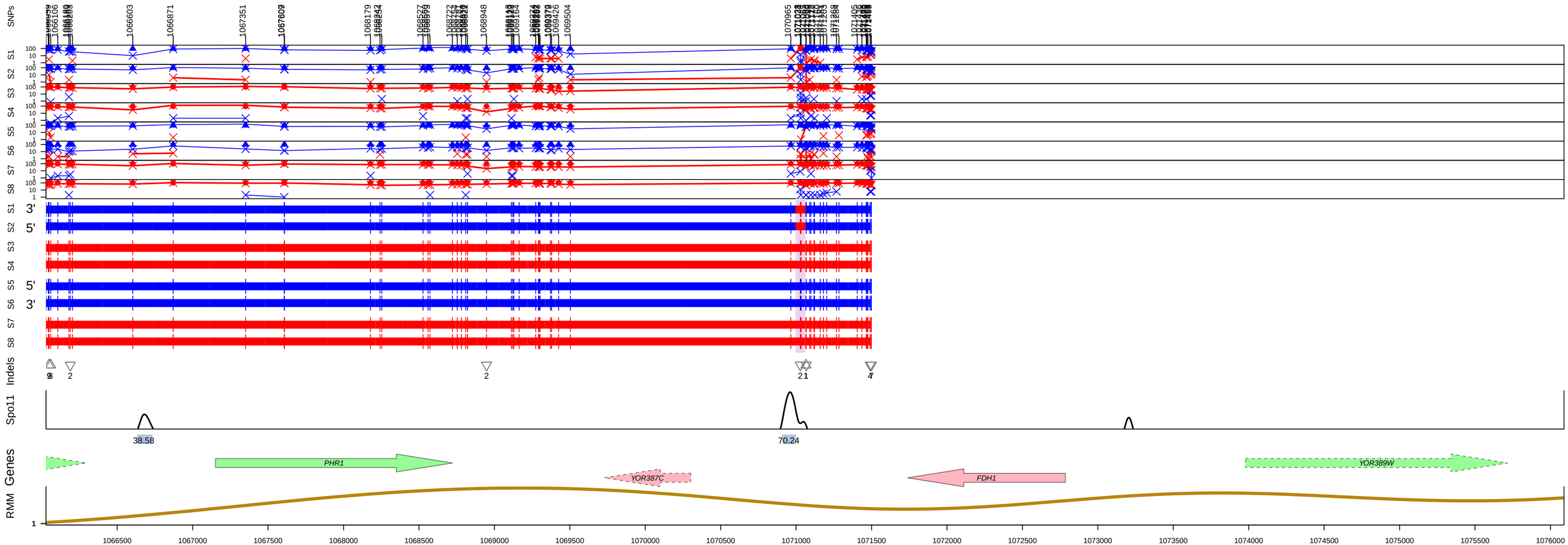
Genotype=OM1 Id=147 Chromo=12 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_2:6
Mid Len=1394bp Midpoint=645641.25 Variants=5
Red=S288c, Blue=SK1



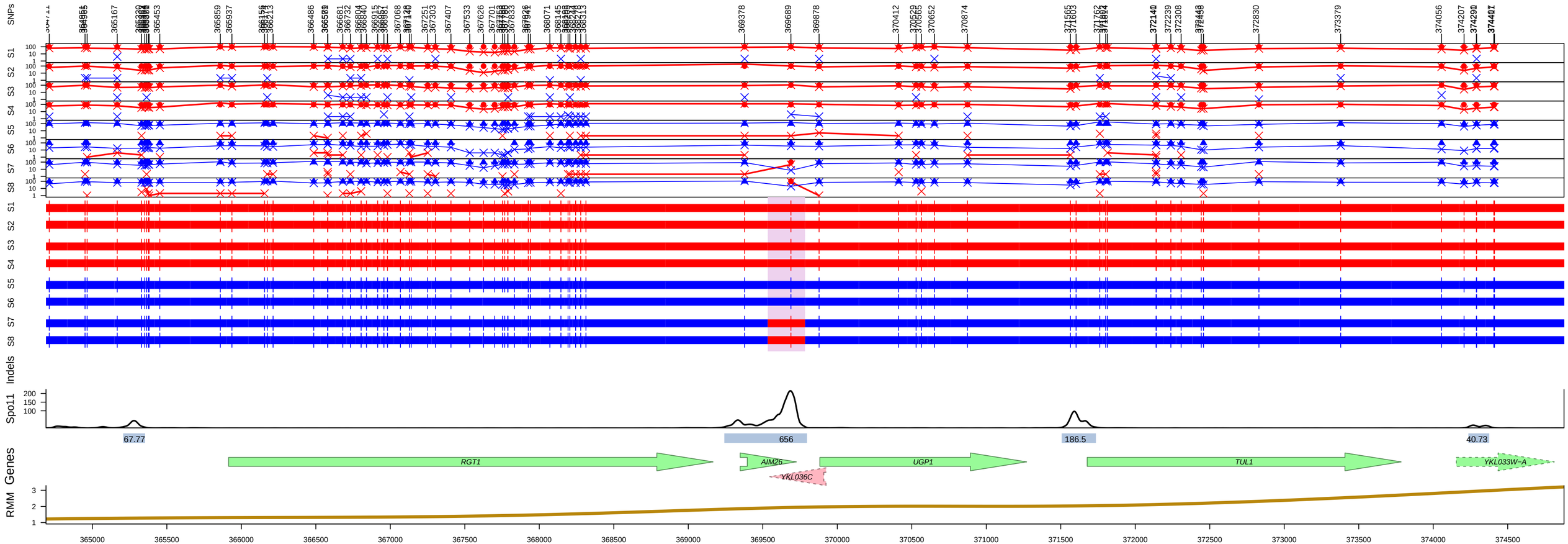
Genotype=OM1 Id=180 Chromo=14 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6_4:4_2:6
Mid Len=1468bp Midpoint=575971 Variants=3
Red=S288c, Blue=SK1



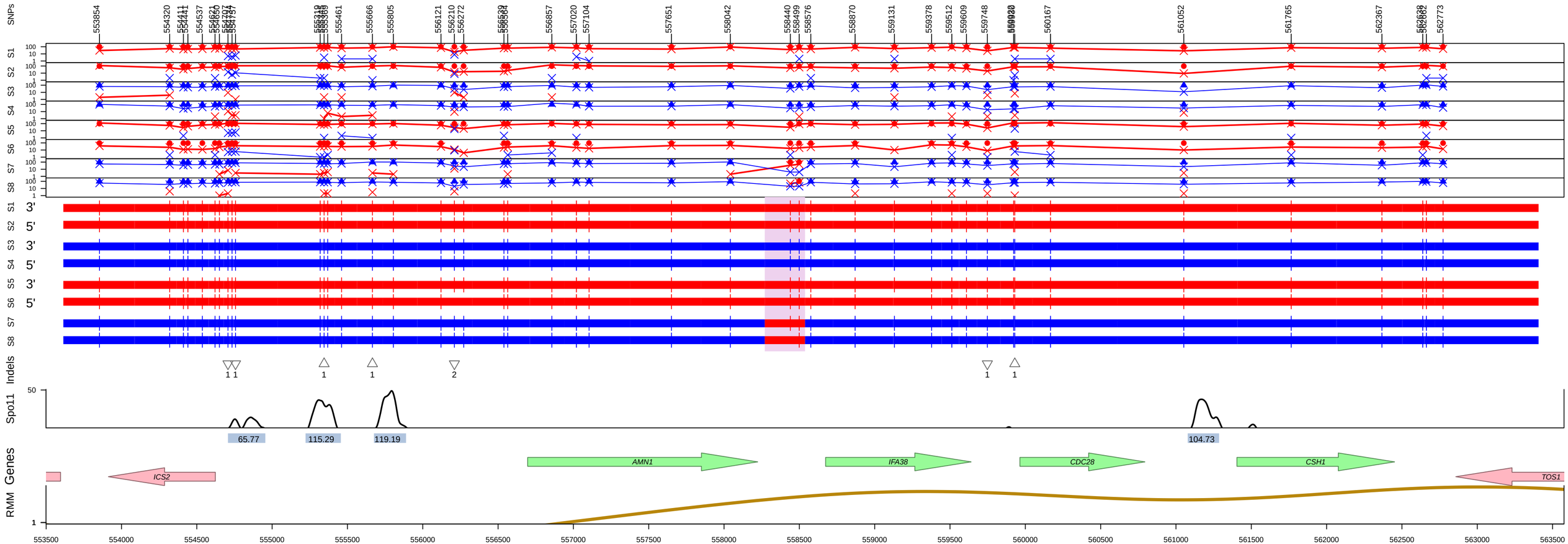
Genotype=OM1 Id=105 Chromo=8 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6_3:5_2:6_3:5
Mid Len=644bp Midpoint=516864 Variants=9
Red=S288c, Blue=SK1



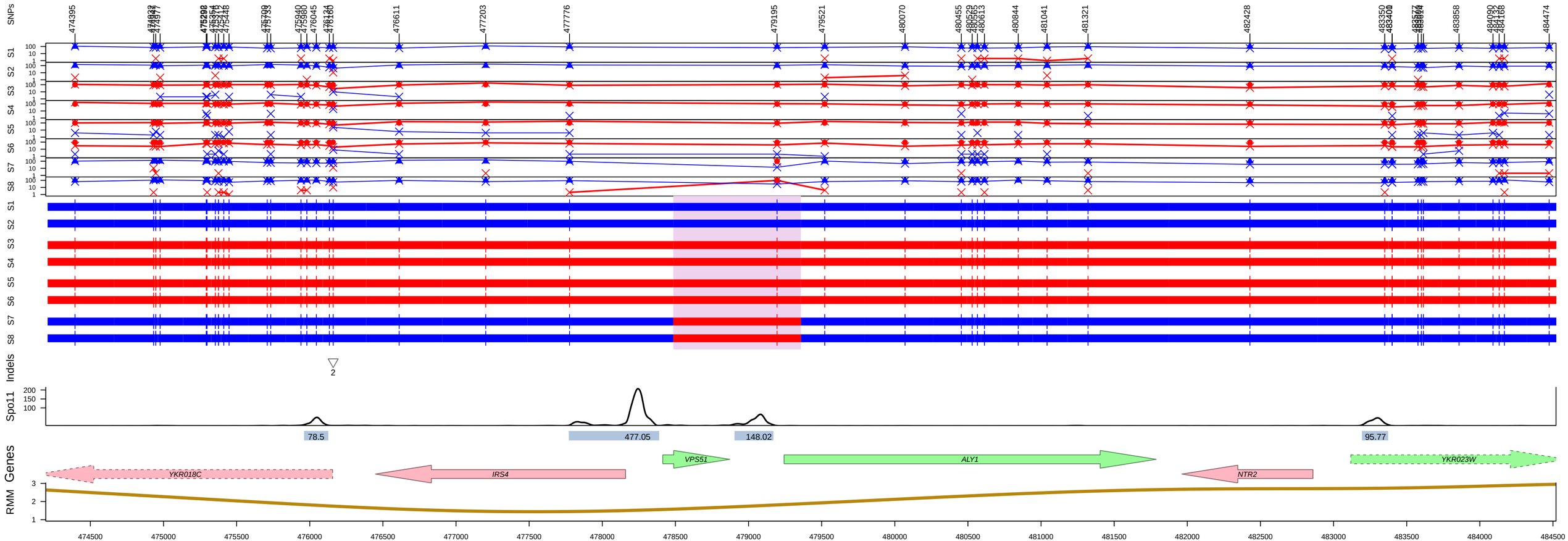
Genotype=OM1 Id=199 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2
Mid Len=65bp Midpoint=1071029 Variants=3
Red=S288c, Blue=SK1



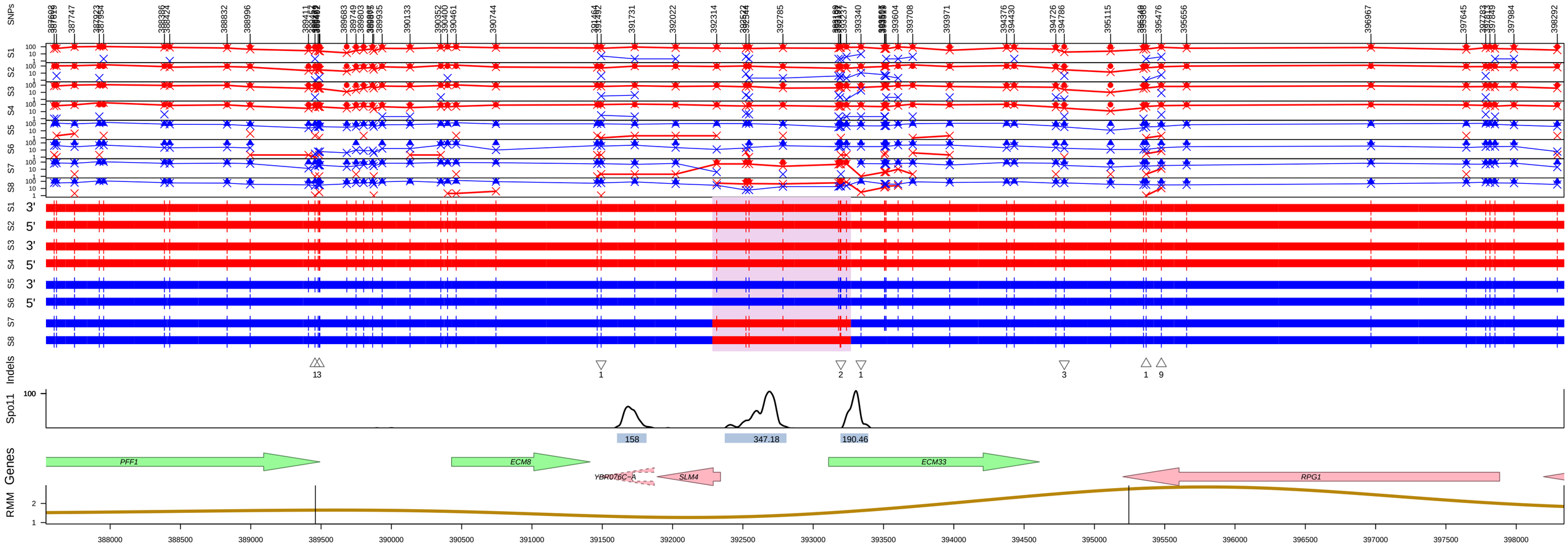
Genotype=OM1 Id=131 Chromo=11 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2
Mid Len=250bp Midpoint=369658.5 Variants=1
Red=S288c, Blue=SK1



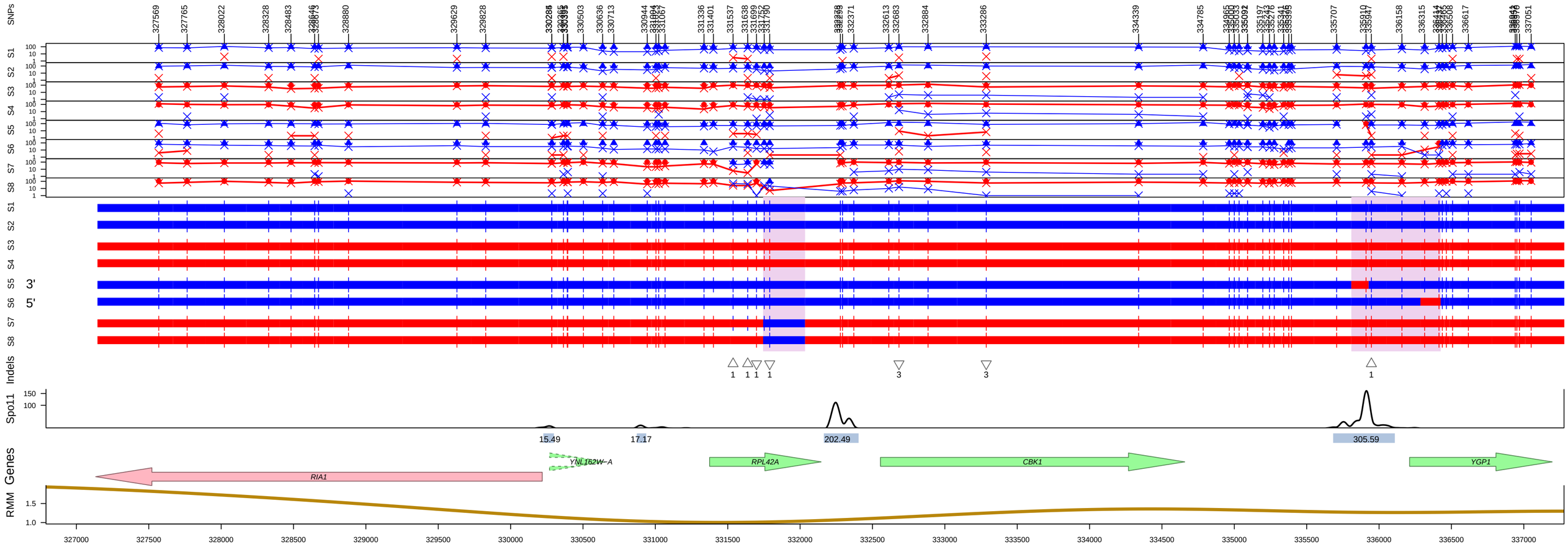
Genotype=OM1 Id=18 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2
Mid Len=267bp Midpoint=558404 Variants=1
Red=S288c, Blue=SK1



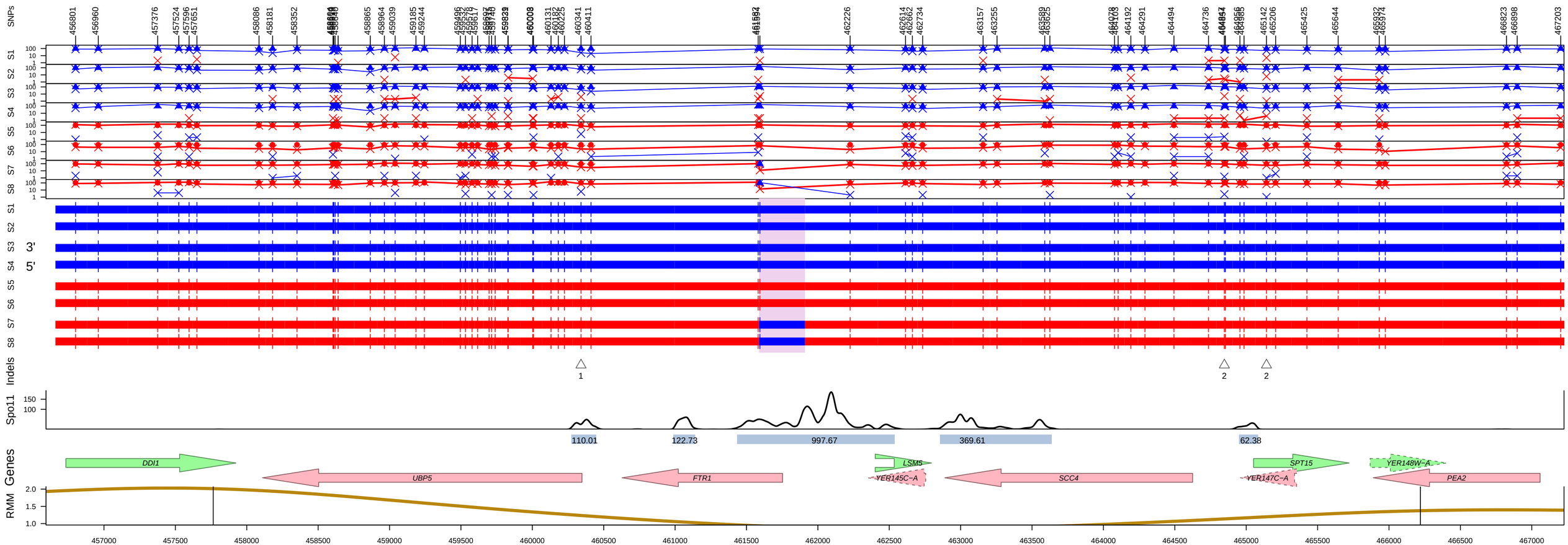
Genotype=OM1 Id=133 Chromo=11 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2
Mid Len=872bp Midpoint=478921.75 Variants=1
Red=S288c, Blue=SK1



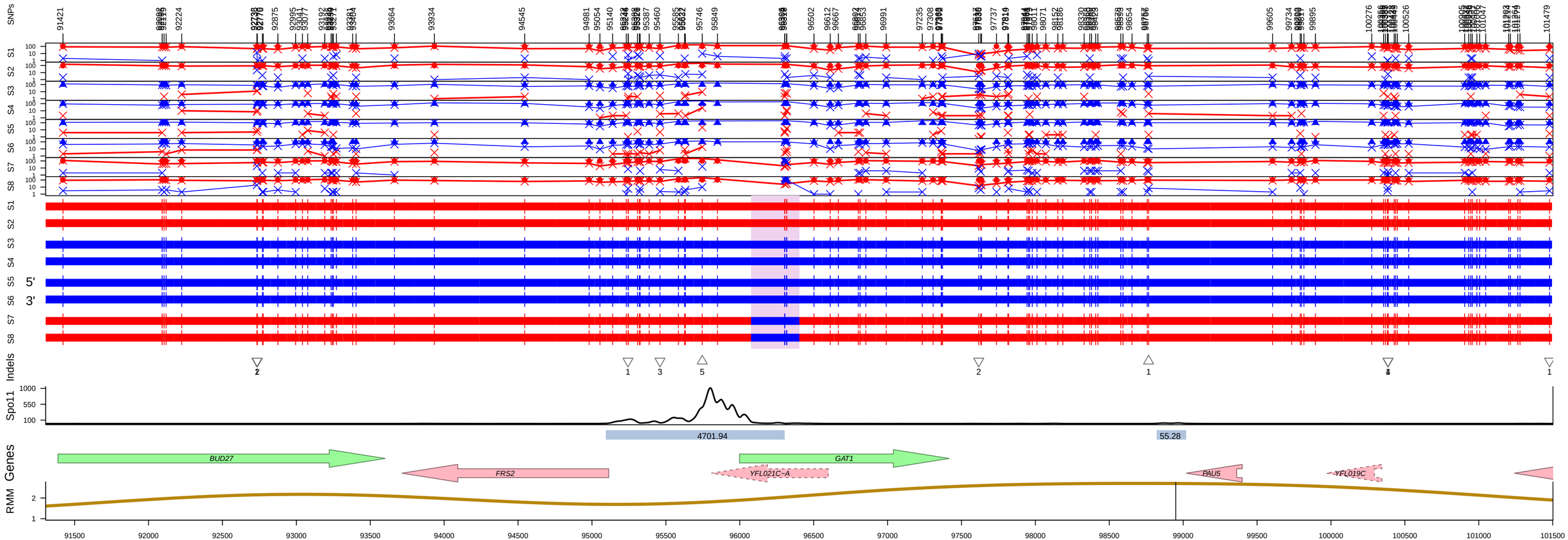
Genotype=OM1 Id=14 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=6:2
Mid Len=986bp Midpoint=392775.75 Variants=3
Red=S288c, Blue=SK1



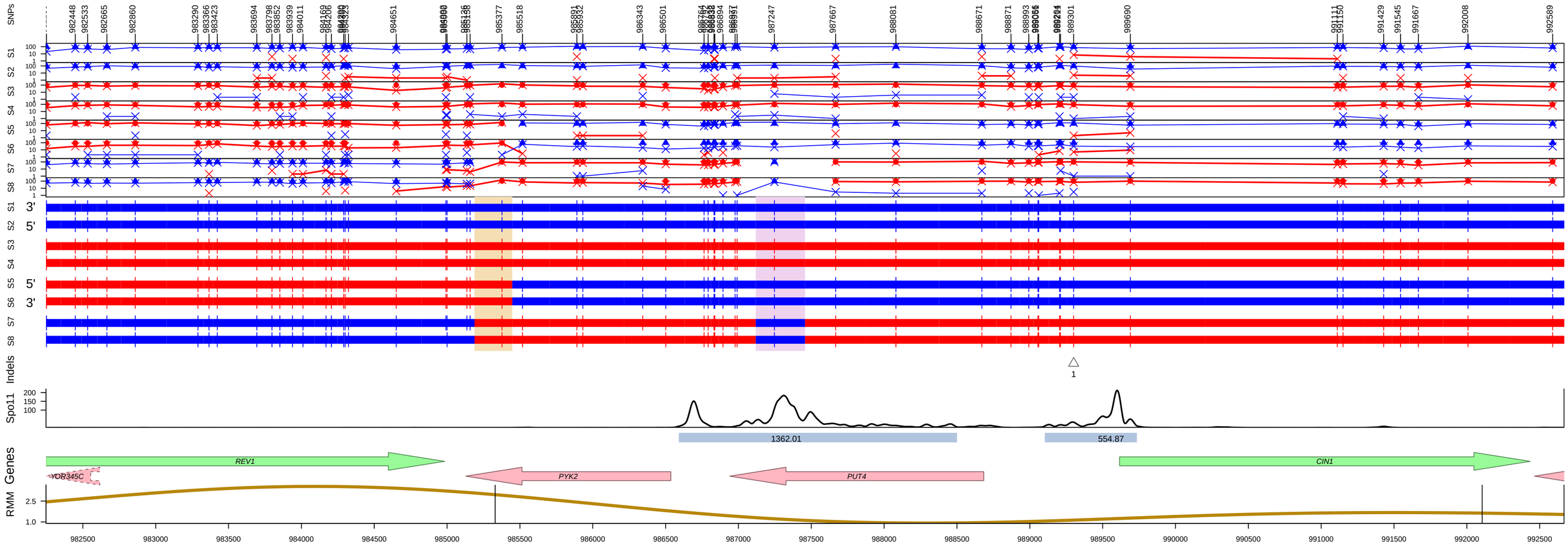
Genotype=OM1 Id=174 Chromo=14 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=290bp Midpoint=331889.25 Variants=1
Red=S288c, Blue=SK1



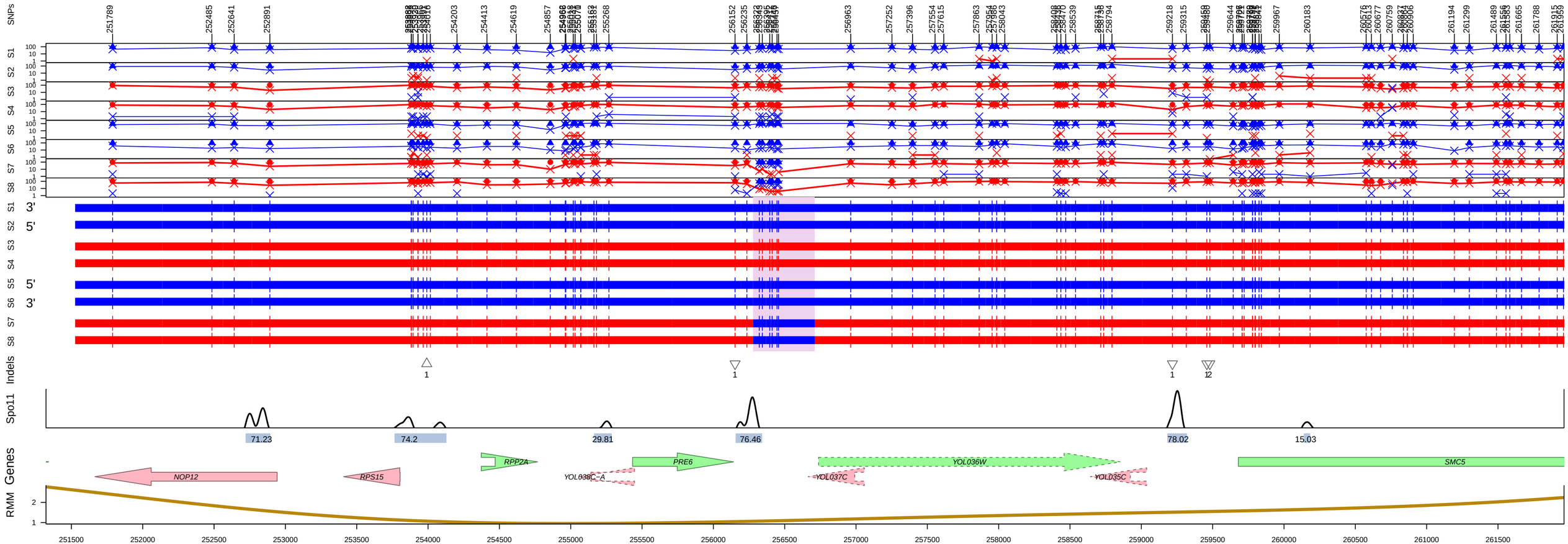
Genotype=OM1 Id=63 Chromo=5 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=322bp Midpoint=461749 Variants=1
Red=S288c, Blue=SK1



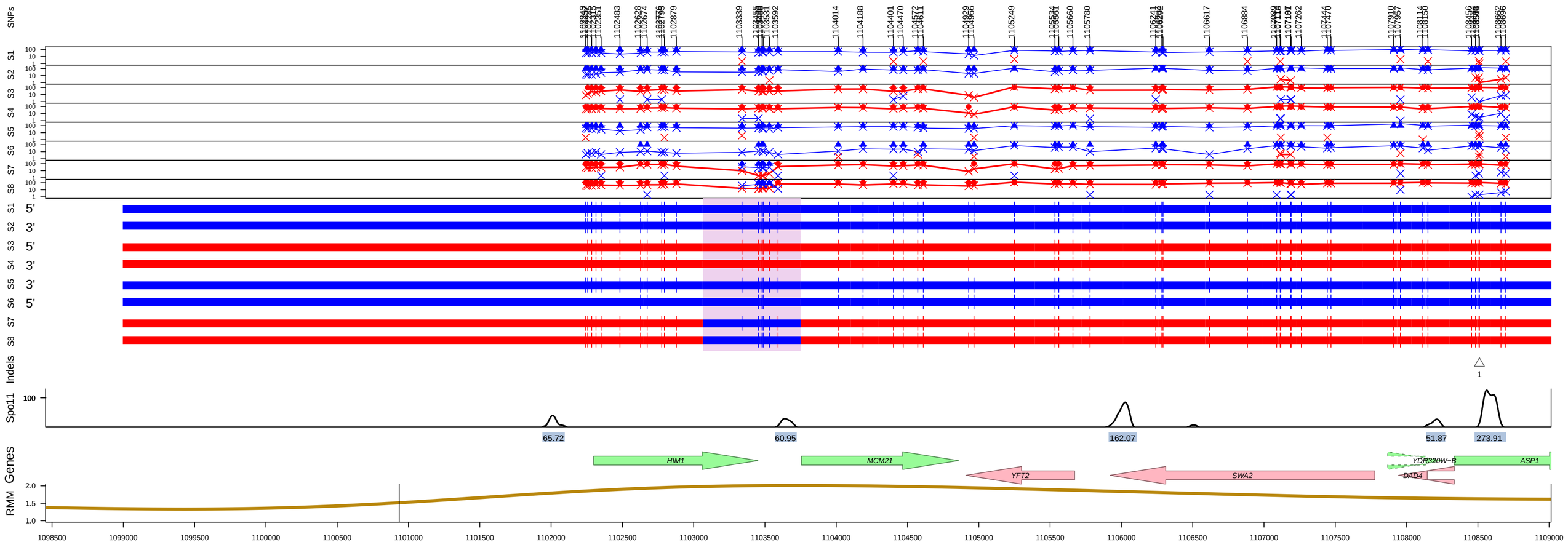
Genotype=OM1 Id=68 Chromo=6 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=327bp Midpoint=96240 Variants=2
Red=S288c, Blue=SK1



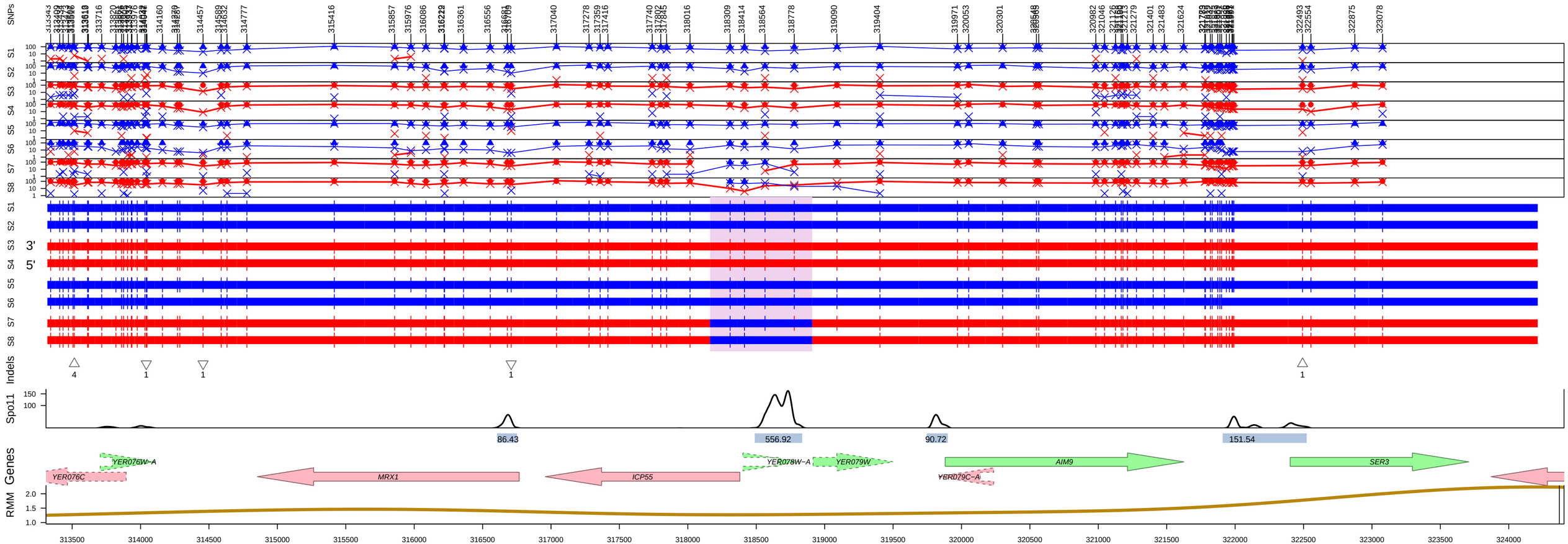
Genotype=OM1 Id=198 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=338bp Midpoint=987288 Variants=1
Red=S288c, Blue=SK1



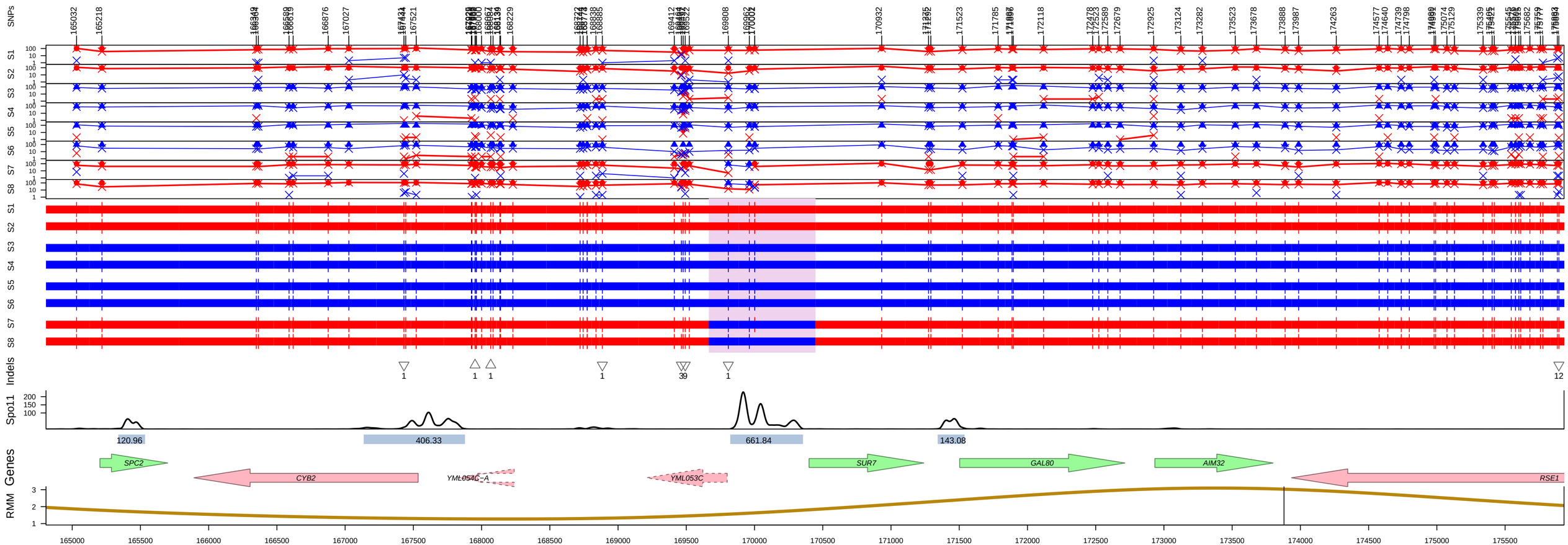
Genotype=OM1 Id=188 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=432bp Midpoint=256494.25 Variants=6
Red=S288c, Blue=SK1



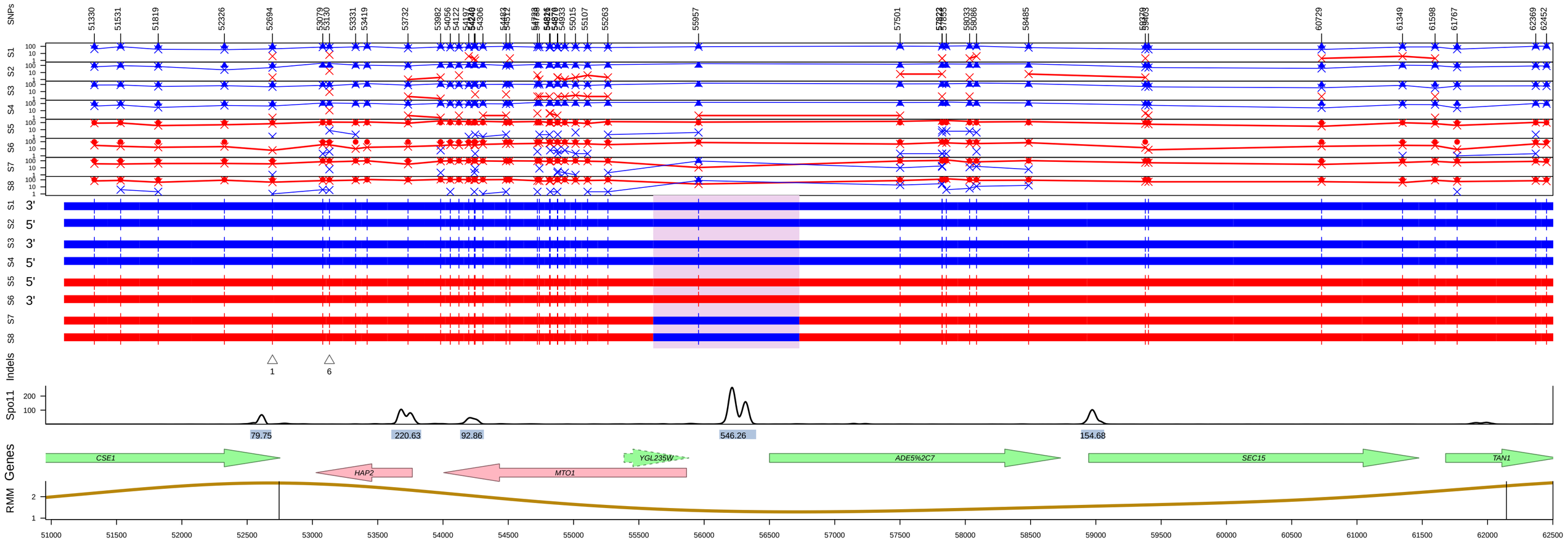
Genotype=OM1 Id=51 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=686bp Midpoint=1103407.75 Variants=3
Red=S288c, Blue=SK1



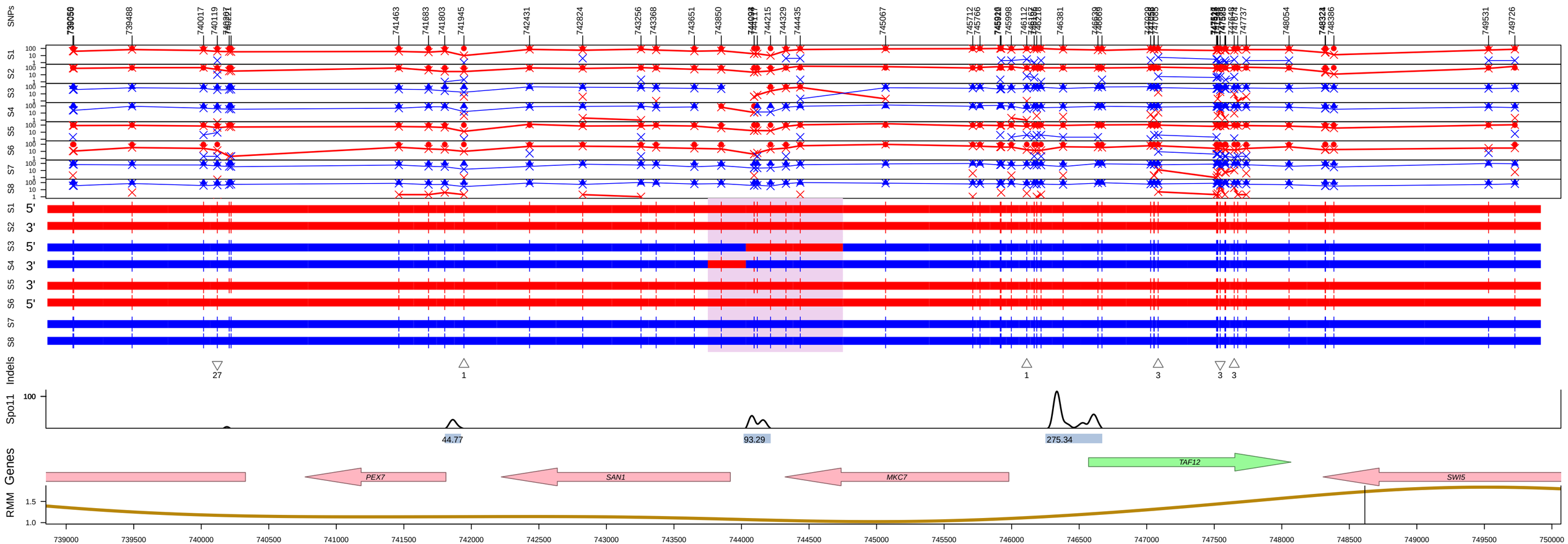
Genotype=OM1 Id=60 Chromo=5 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=746bp Midpoint=318535.75 Variants=2
Red=S288c, Blue=SK1



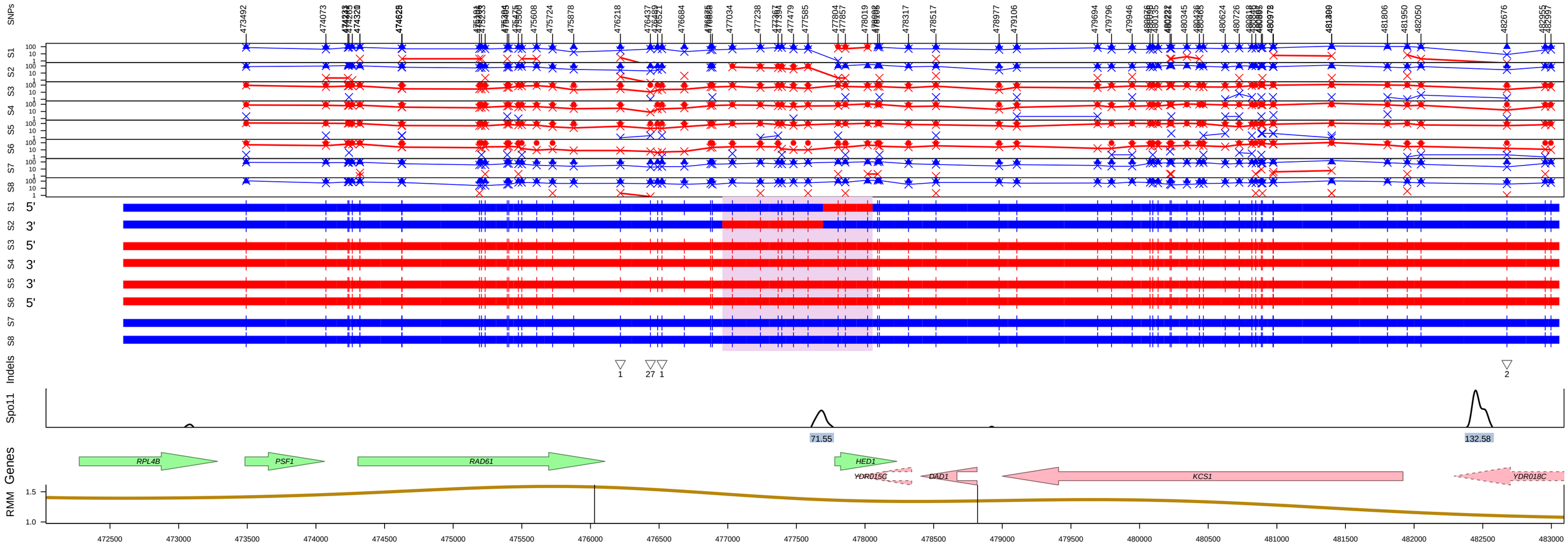
Genotype=OM1 Id=155 Chromo=13 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=782bp Midpoint=170056 Variants=2
Red=S288c, Blue=SK1



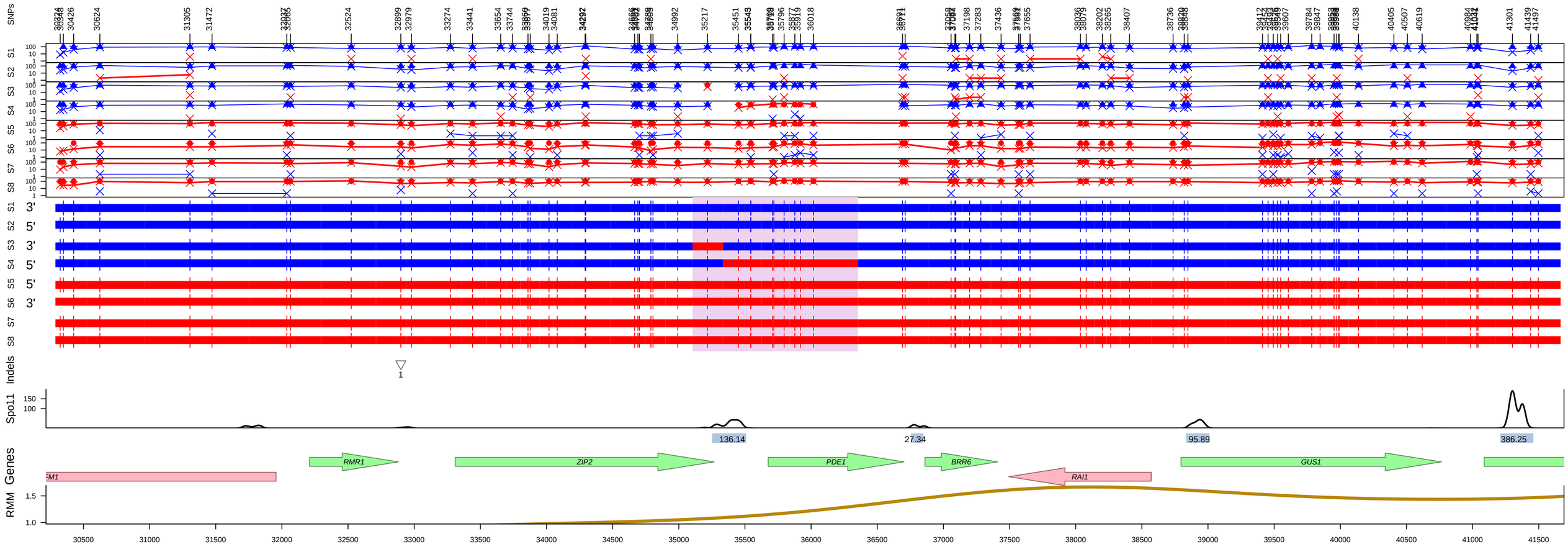
Genotype=OM1 Id=75 Chromo=7 Type=Full Conversion
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6
Mid Len=1119bp Midpoint=56169.5 Variants=1
Red=S288c, Blue=SK1



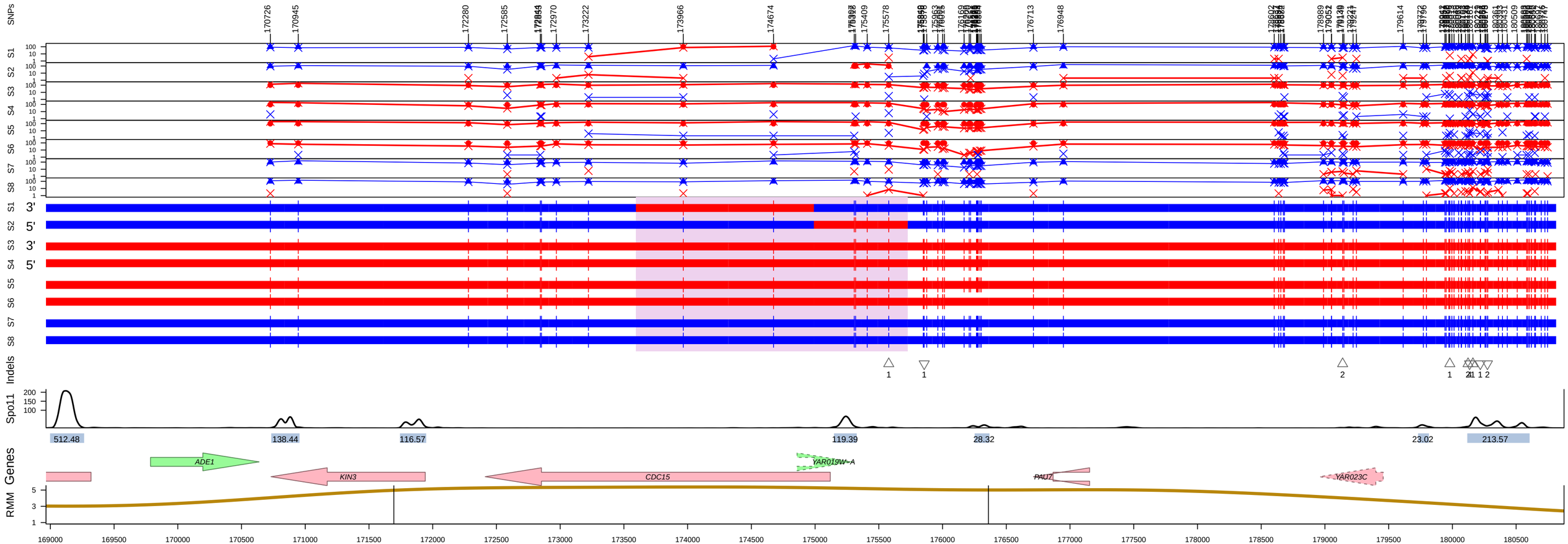
Genotype=OM1 Id=44 Chromo=4 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=1000bp Midpoint=744250.75 Variants=4
Red=S288c, Blue=SK1



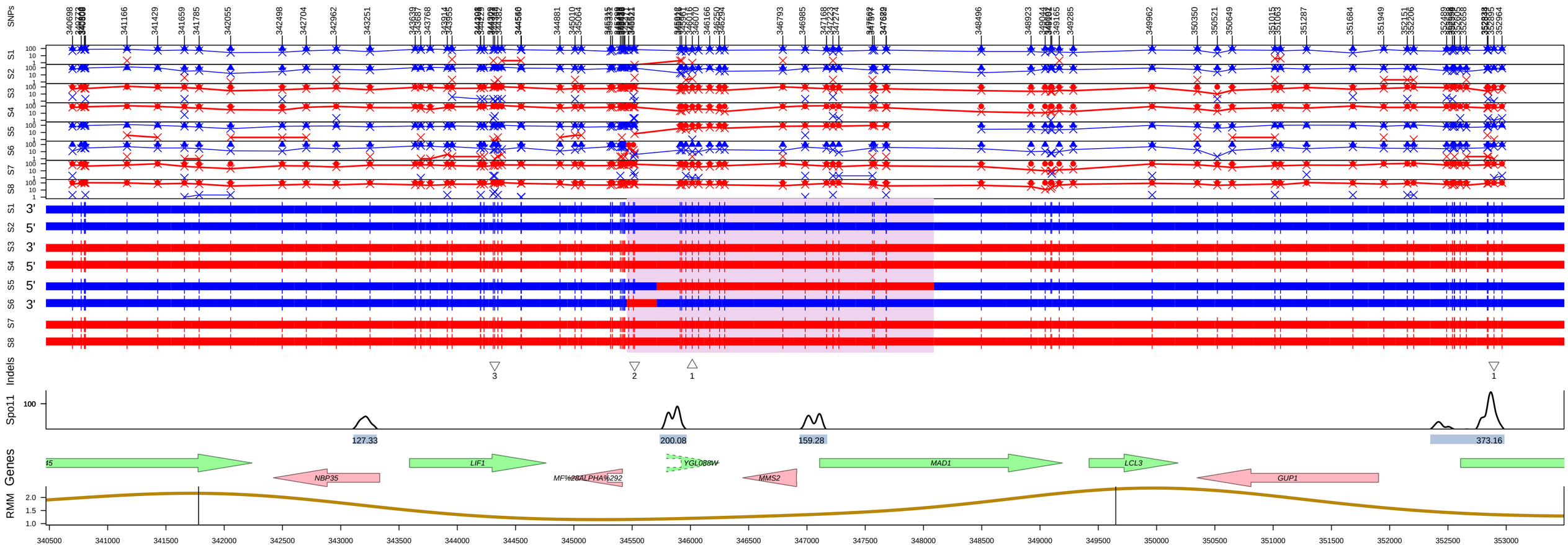
Genotype=OM1 Id=41 Chromo=4 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=1094bp Midpoint=477508.25 Variants=8
Red=S288c, Blue=SK1



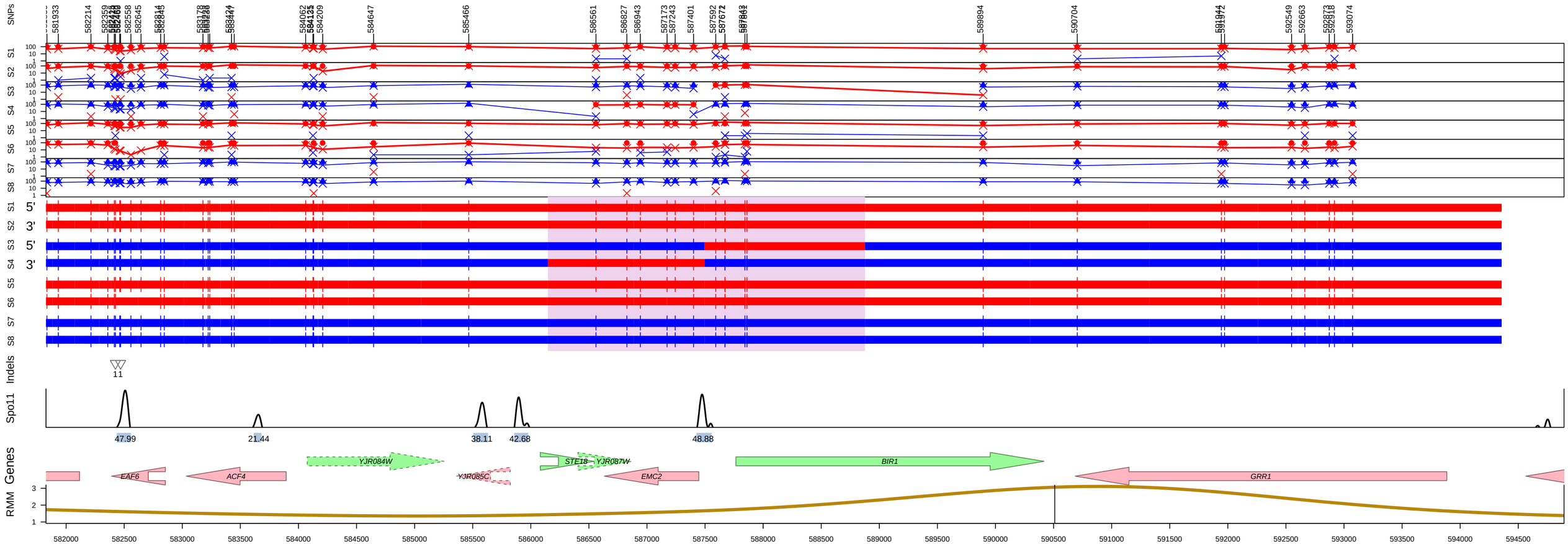
Genotype=OM1 Id=74 Chromo=7 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=1250bp Midpoint=35729.5 Variants=10
Red=S288c, Blue=SK1



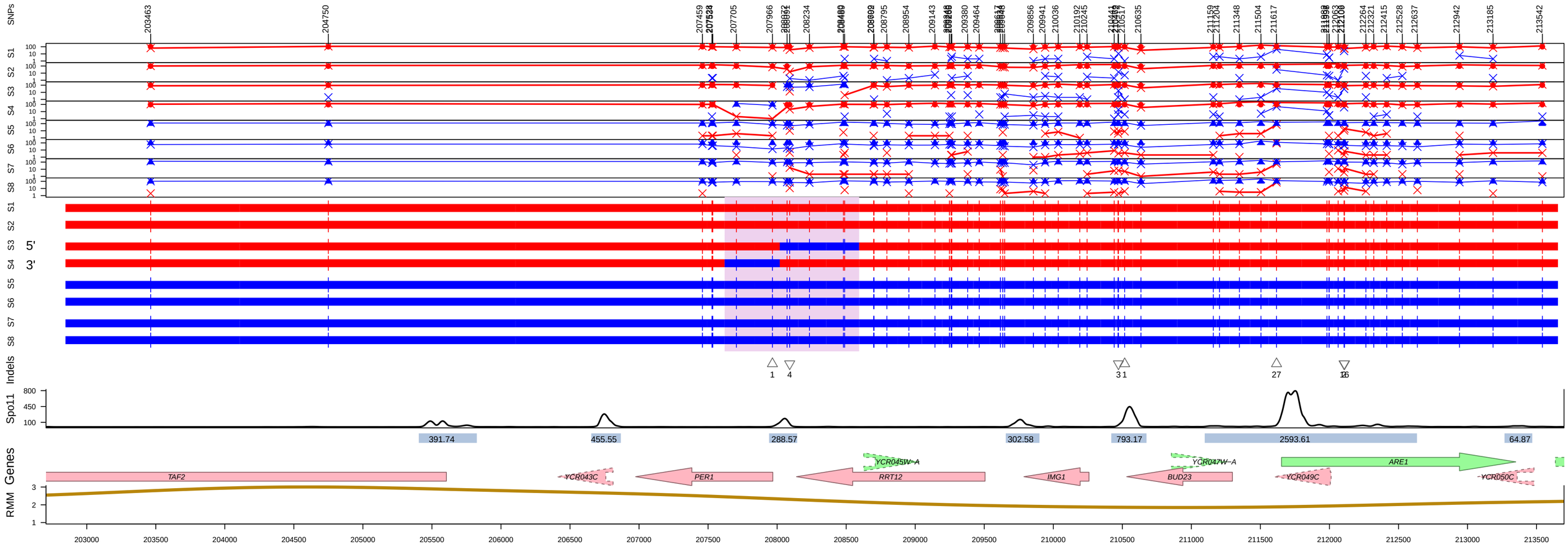
Genotype=OM1 Id=4 Chromo=1 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=2133bp Midpoint=174660.5 Variants=6
Red=S288c, Blue=SK1



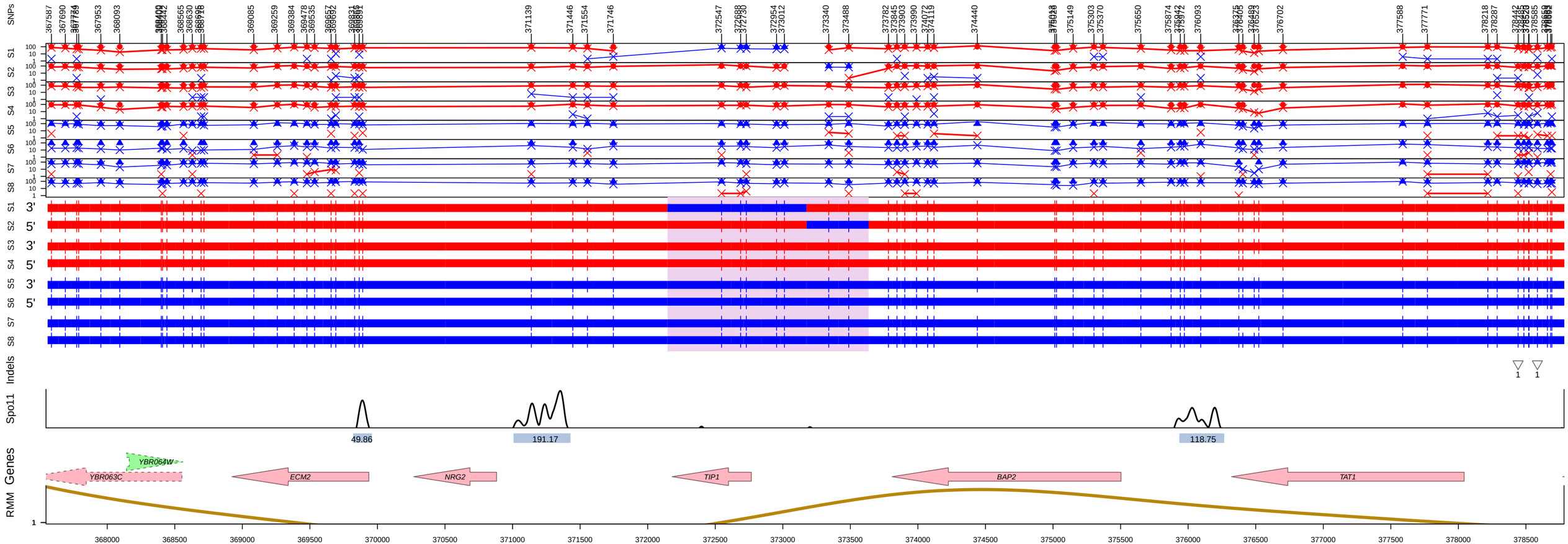
Genotype=OM1 Id=81 Chromo=7 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=2634bp Midpoint=346771.75 Variants=19
Red=S288c, Blue=SK1



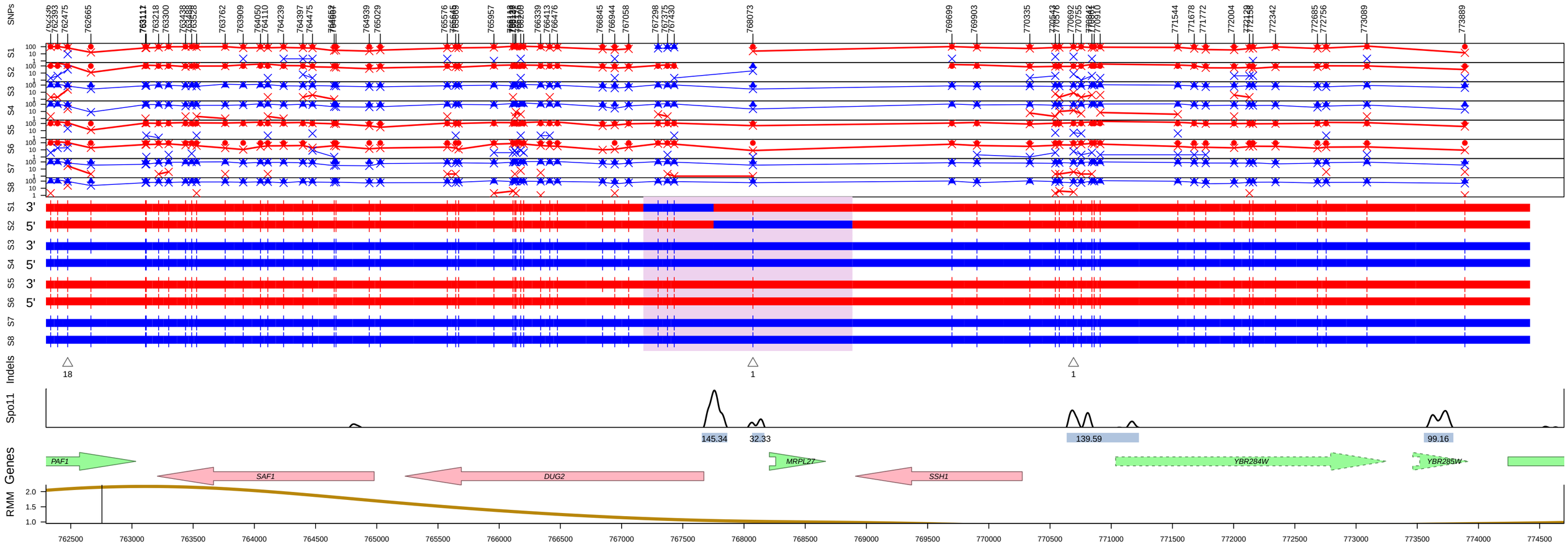
Genotype=OM1 Id=124 Chromo=10 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a
Mid Len=2731bp Midpoint=587512 Variants=8
Red=S288c, Blue=SK1



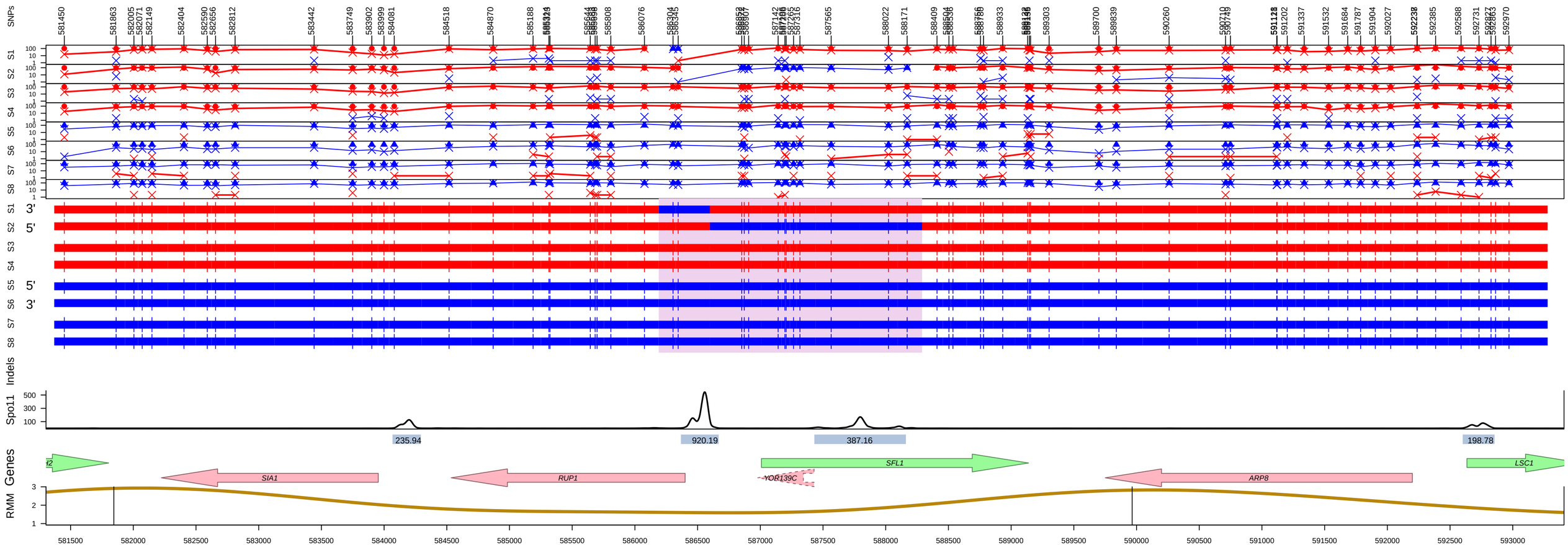
Genotype=OM1 Id=30 Chromo=3 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a
Mid Len=974bp Midpoint=208106.75 Variants=6
Red=S288c, Blue=SK1



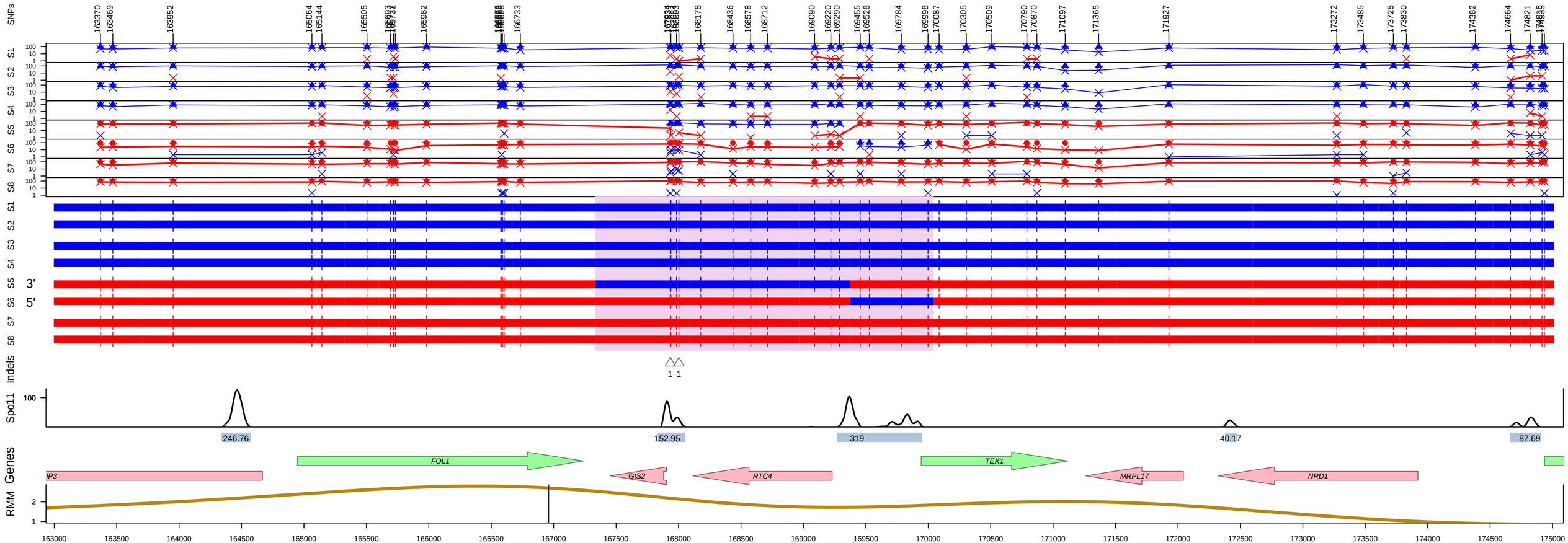
Genotype=OM1 Id=13 Chromo=2 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a
Mid Len=1488bp Midpoint=372890.75 Variants=7
Red=S288c, Blue=SK1



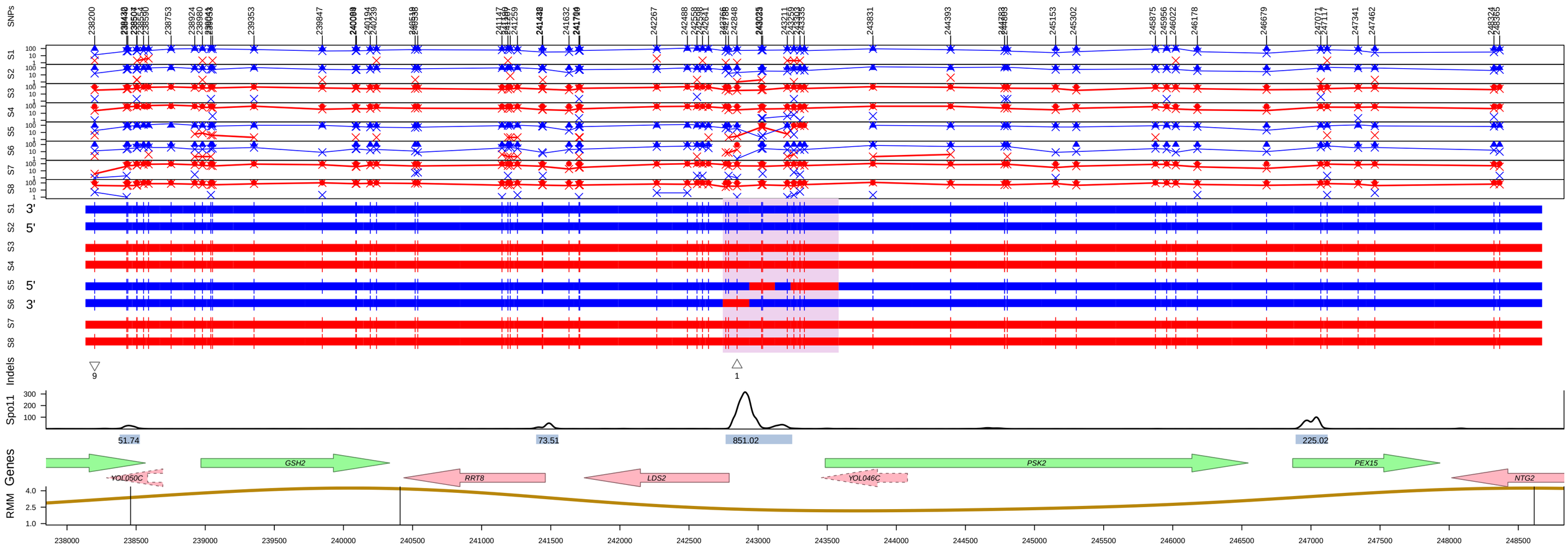
Genotype=OM1 Id=25 Chromo=2 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a
Mid Len=1708bp Midpoint=768032 Variants=4
Red=S288c, Blue=SK1



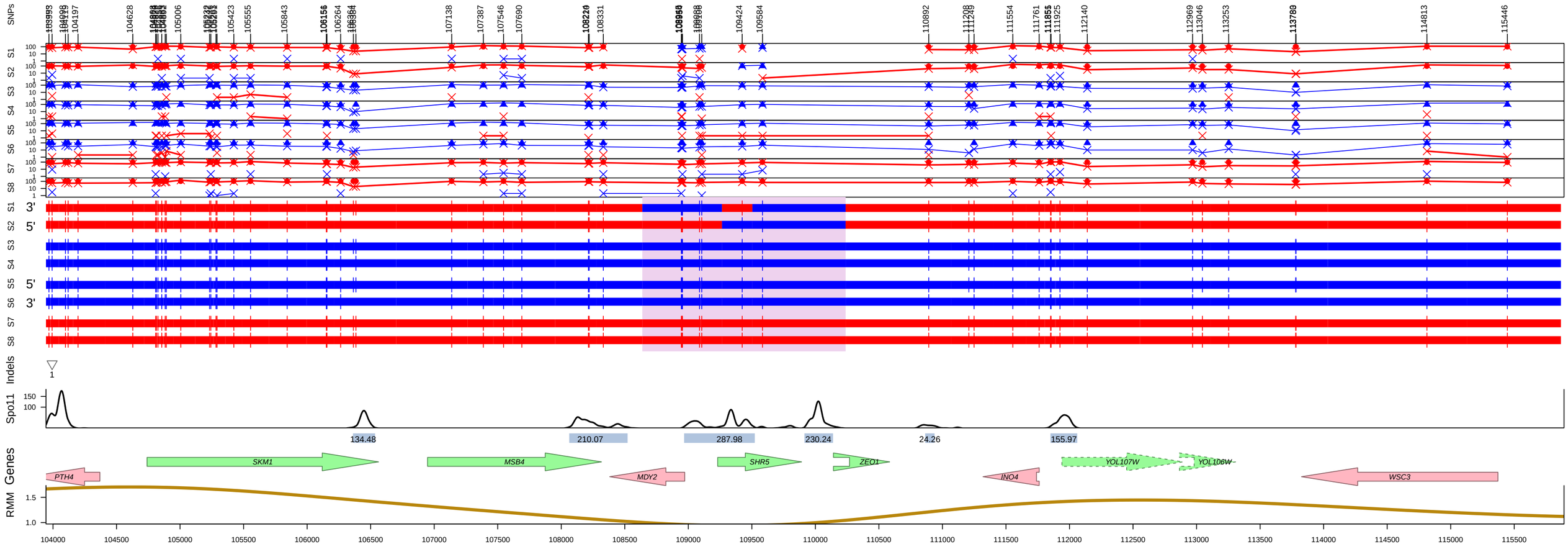
Genotype=OM1 Id=194 Chromo=15 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a
Mid Len=2100bp Midpoint=587240 Variants=12
Red=S288c, Blue=SK1



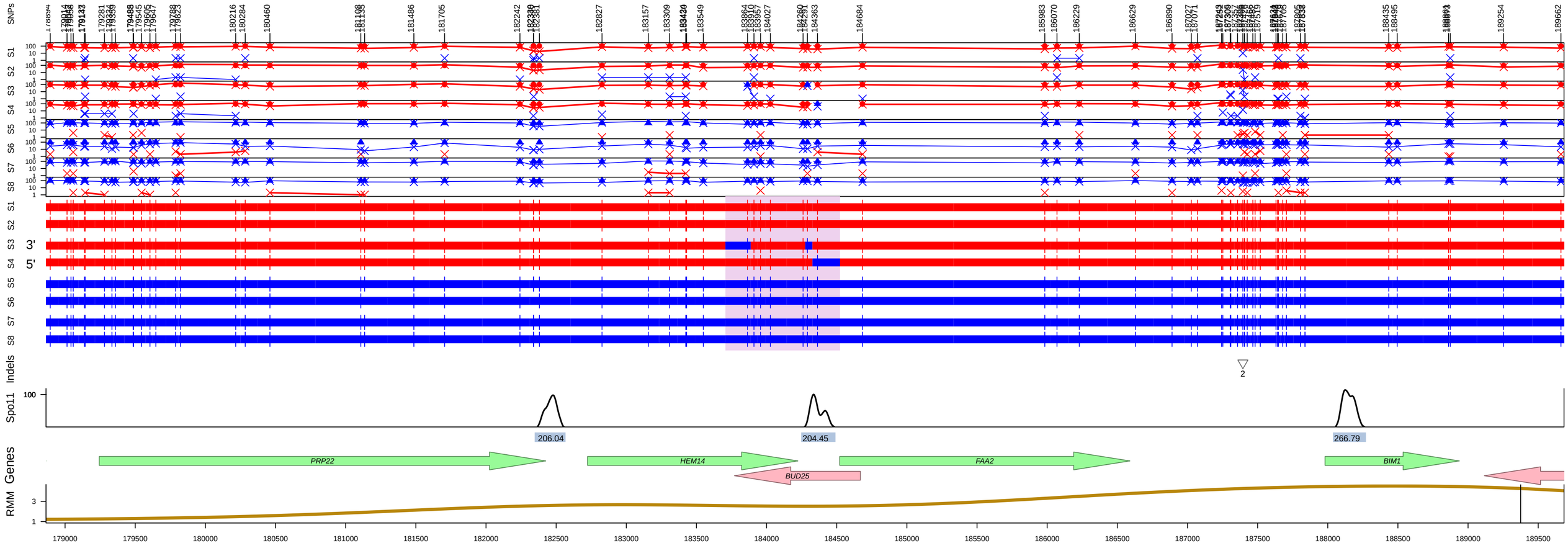
Genotype=OM1 Id=171 Chromo=14 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a
Mid Len=2709bp Midpoint=168688 Variants=14
Red=S288c, Blue=SK1



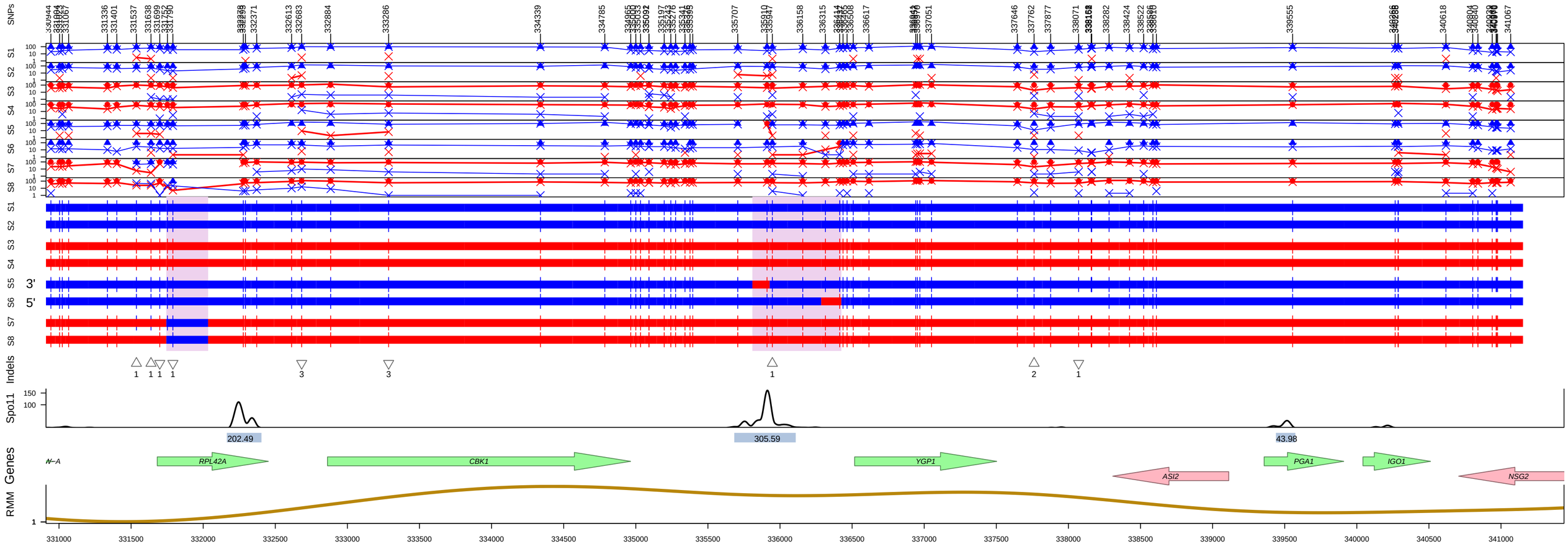
Genotype=OM1 Id=187 Chromo=15 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_5:3a_4:4_5:3a
Mid Len=838bp Midpoint=243163.75 Variants=7
Red=S288c, Blue=SK1



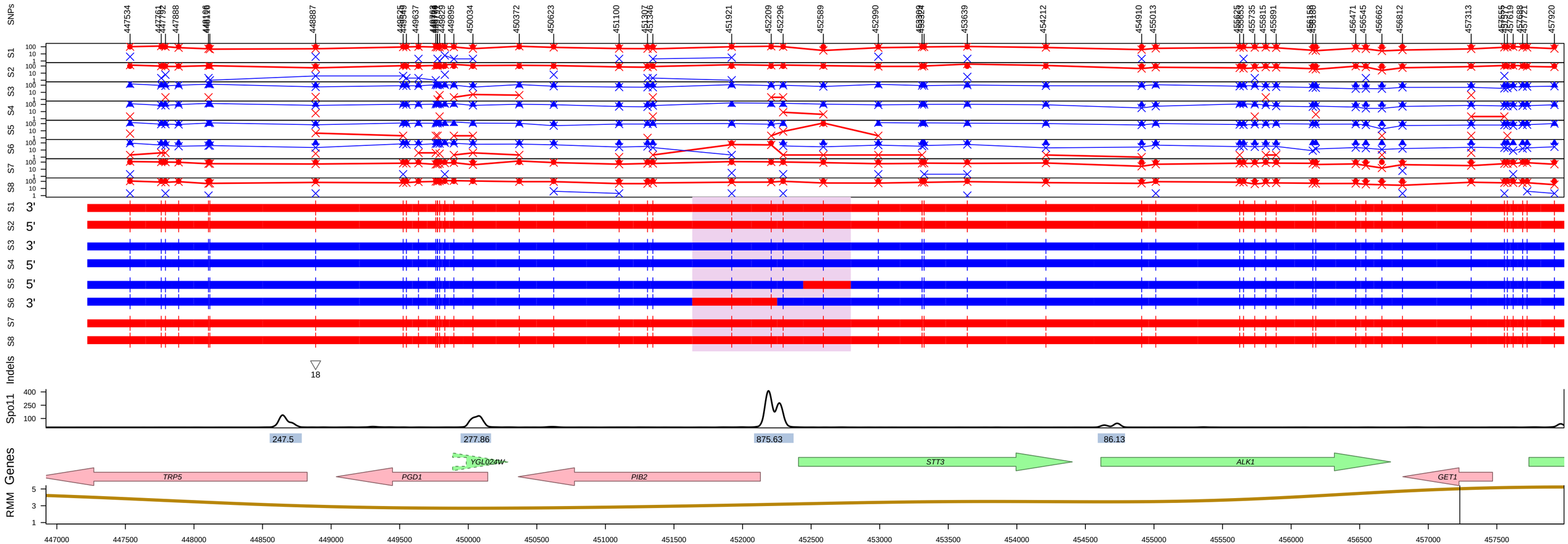
Genotype=OM1 Id=184 Chromo=15 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_3:5a_2:6
Mid Len=1600bp Midpoint=109438 Variants=7
Red=S288c, Blue=SK1



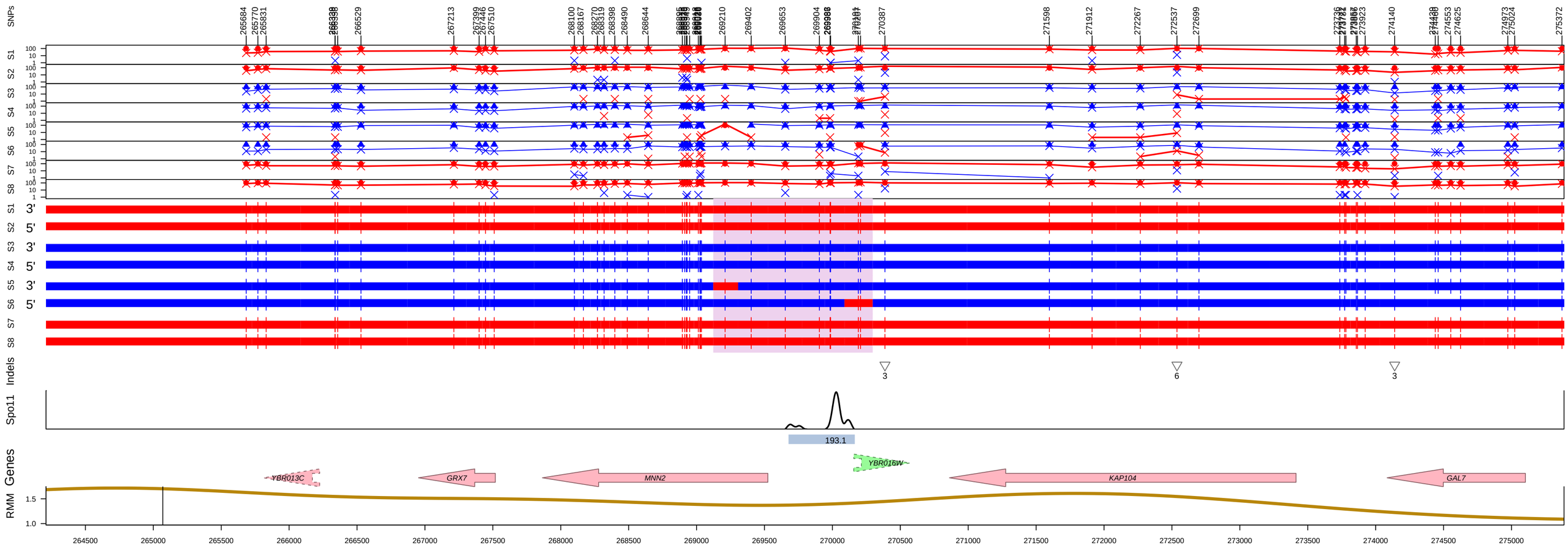
Genotype=OM1 Id=58 Chromo=5 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5_3:5a
Mid Len=817bp Midpoint=184115 Variants=7
Red=S288c, Blue=SK1



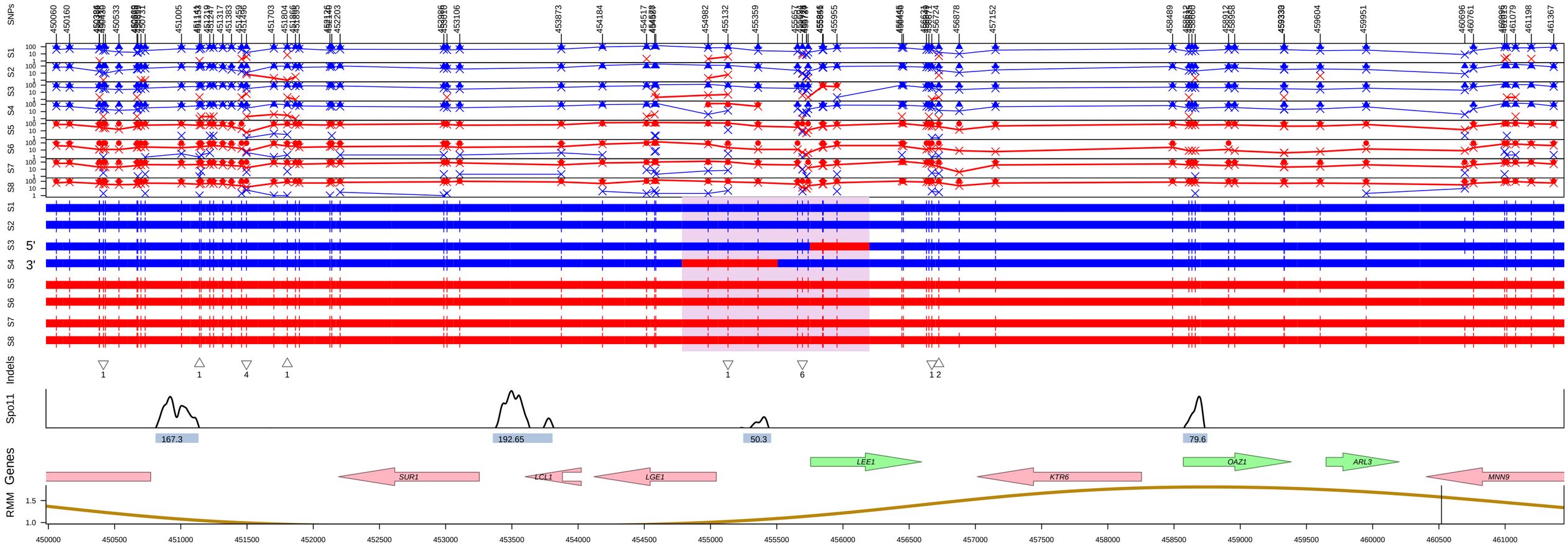
Genotype=OM1 Id=175 Chromo=14 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=617bp Midpoint=336117 Variants=4
Red=S288c, Blue=SK1



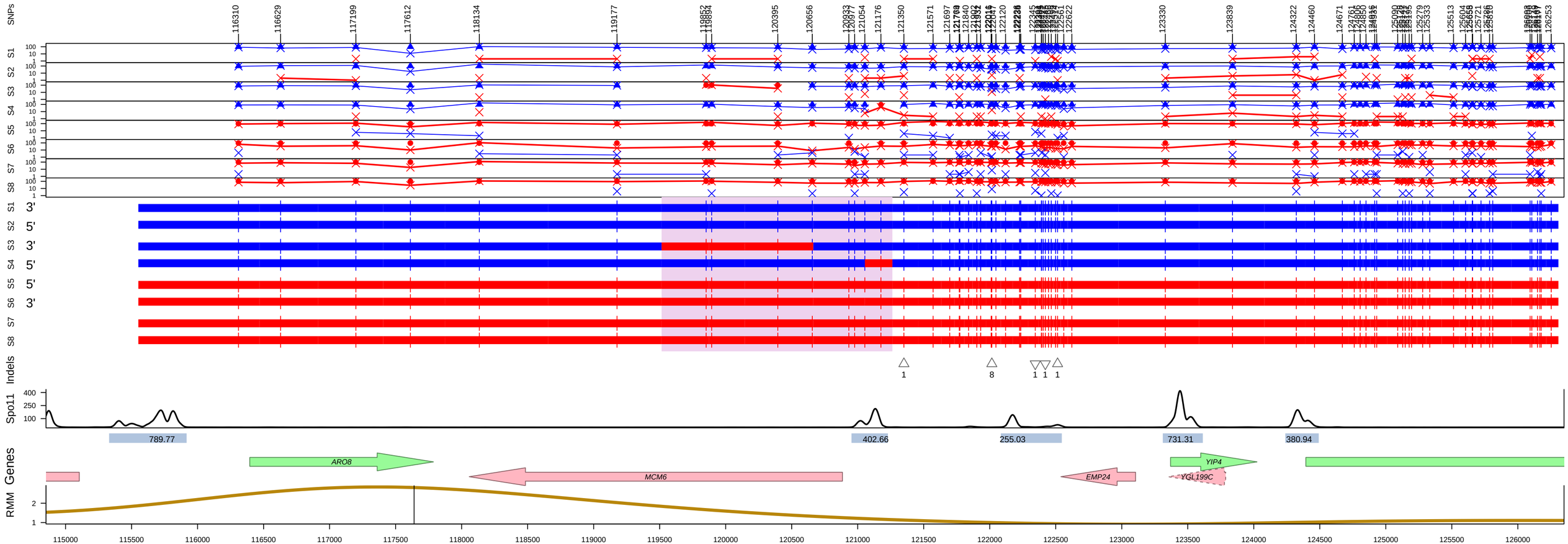
Genotype=OM1 Id=84 Chromo=7 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=1156bp Midpoint=452211.5 Variants=4
Red=S288c, Blue=SK1



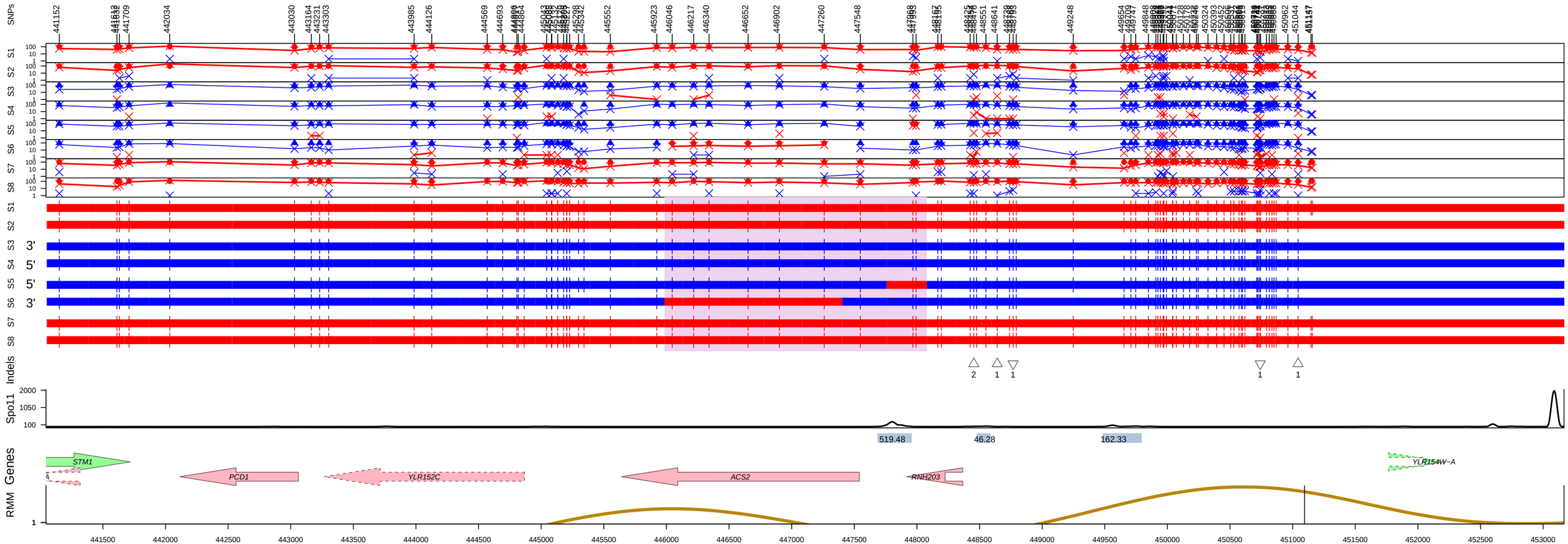
Genotype=OM1 Id=10 Chromo=2 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=1174bp Midpoint=269710 Variants=9
Red=S288c, Blue=SK1



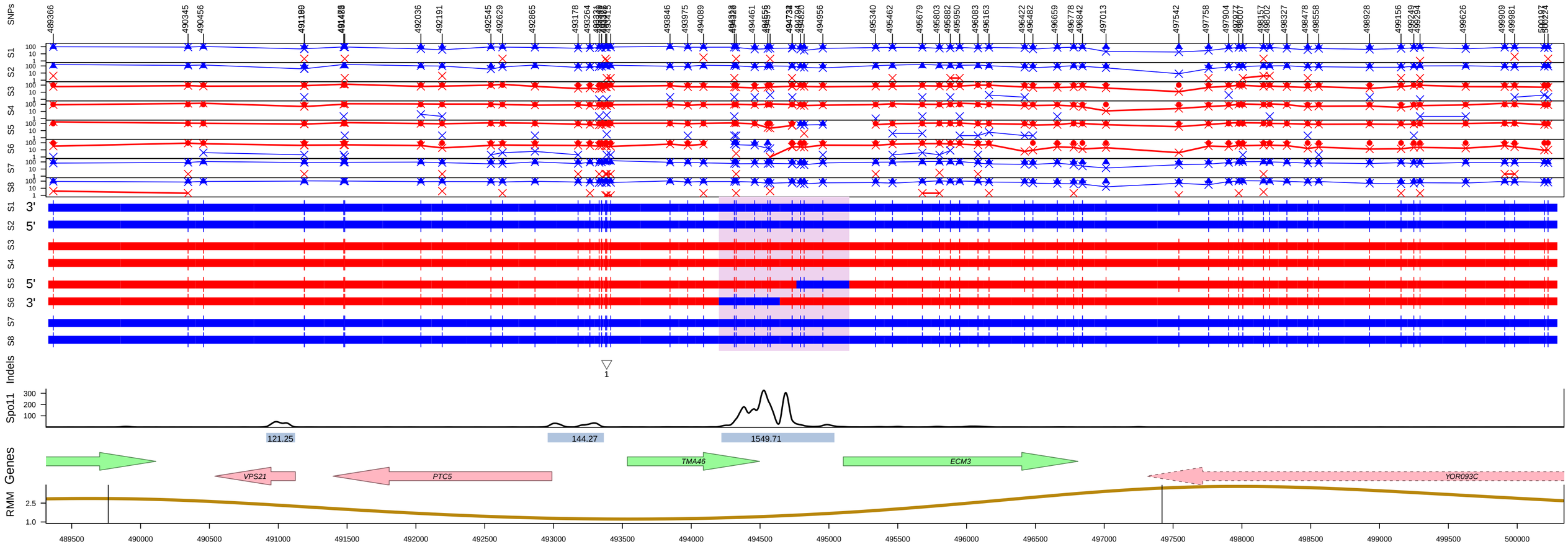
Genotype=OM1 Id=205 Chromo=16 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=1416bp Midpoint=455492.25 Variants=7
Red=S288c, Blue=SK1



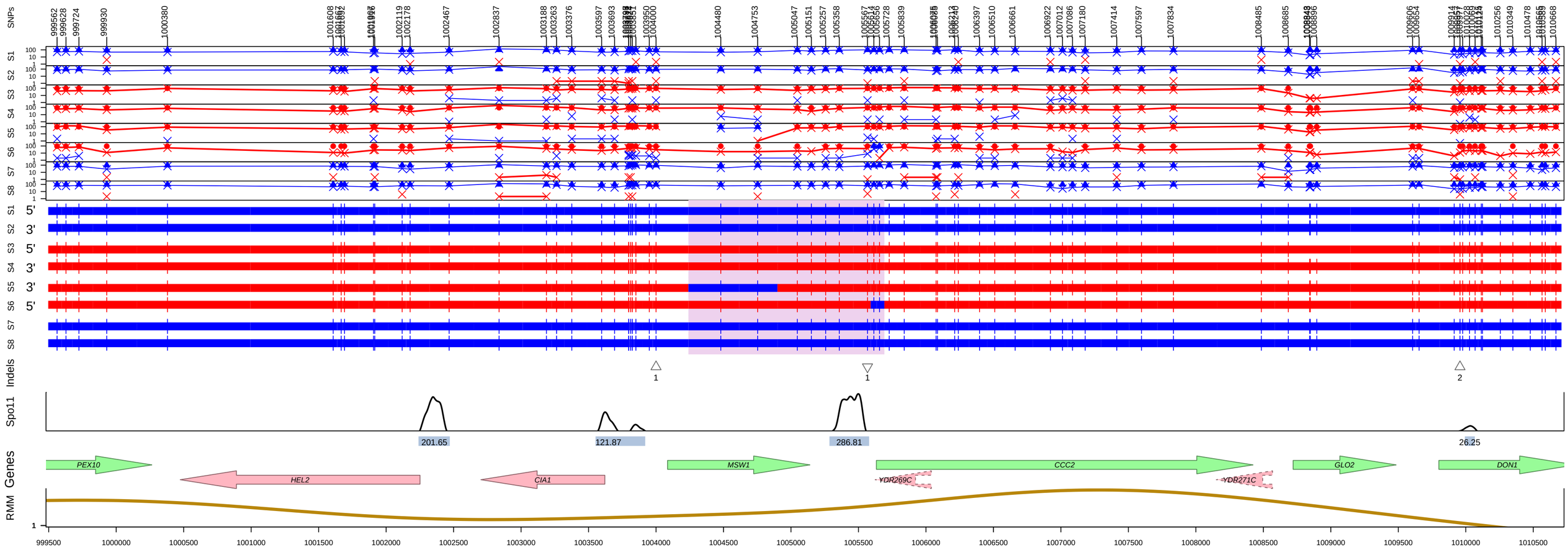
Genotype=OM1 Id=76 Chromo=7 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=1748bp Midpoint=120388.75 Variants=5
Red=S288c, Blue=SK1



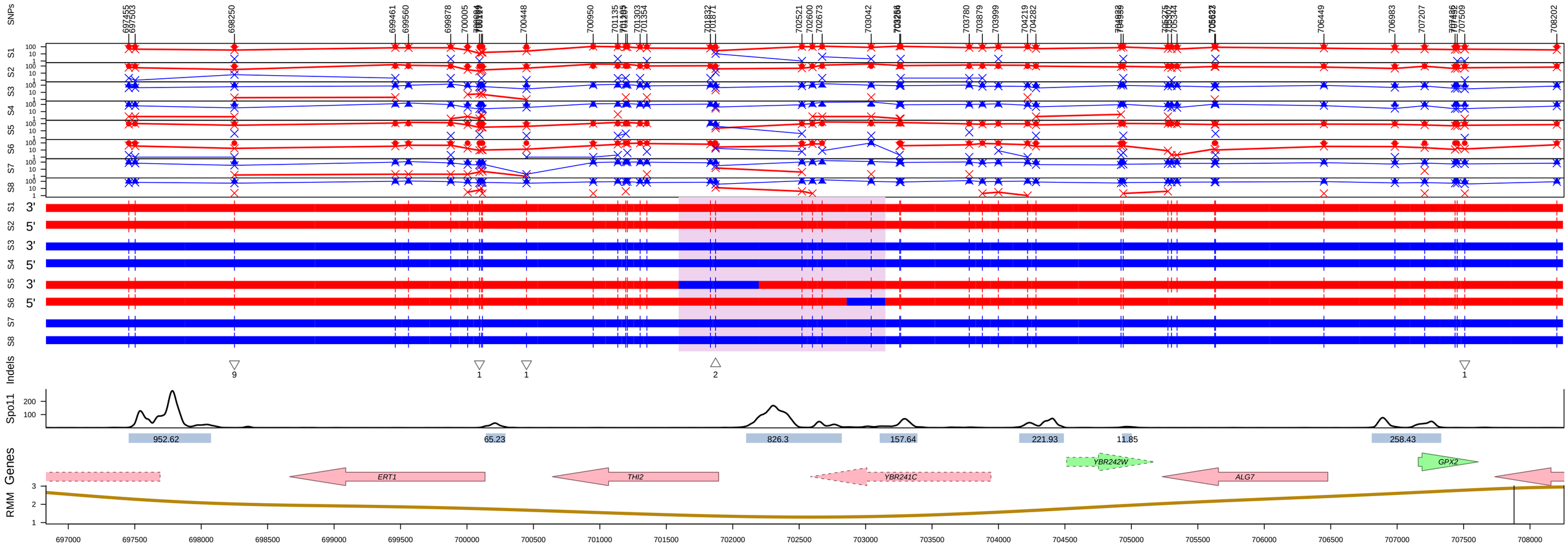
Genotype=OM1 Id=145 Chromo=12 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a
Mid Len=2096bp Midpoint=447032.25 Variants=9
Red=S288c, Blue=SK1



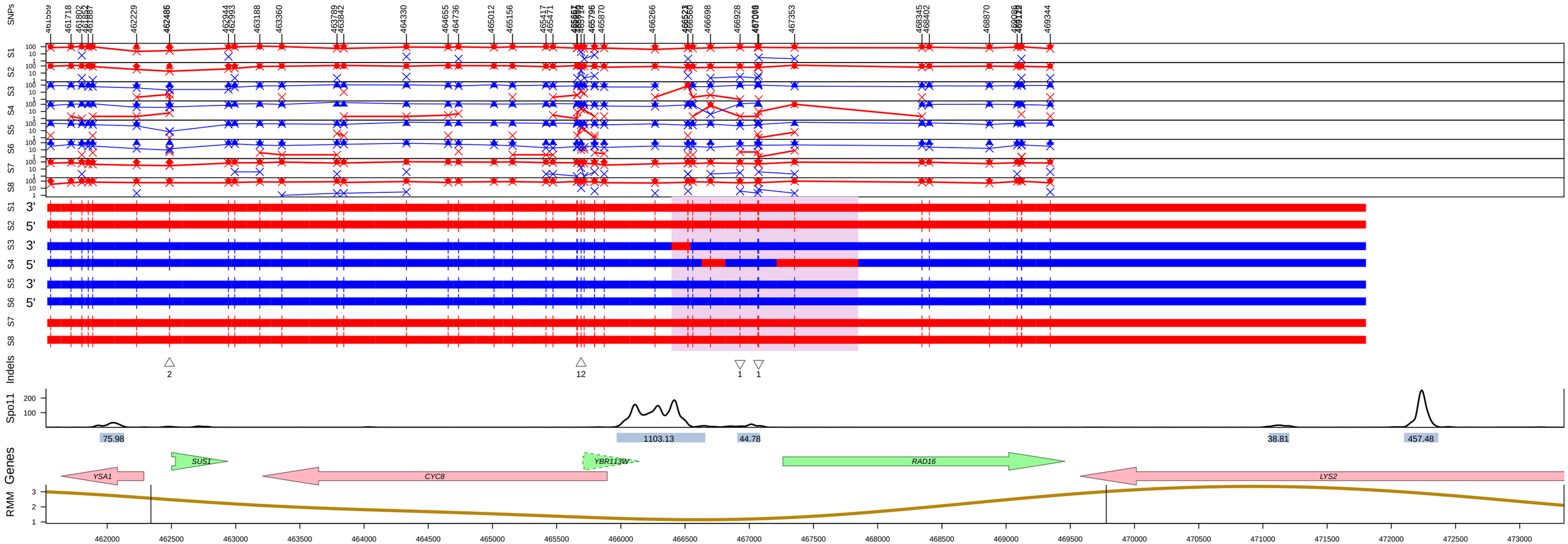
Genotype=OM1 Id=192 Chromo=15 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5a
Mid Len=947bp Midpoint=494674.5 Variants=9
Red=S288c, Blue=SK1



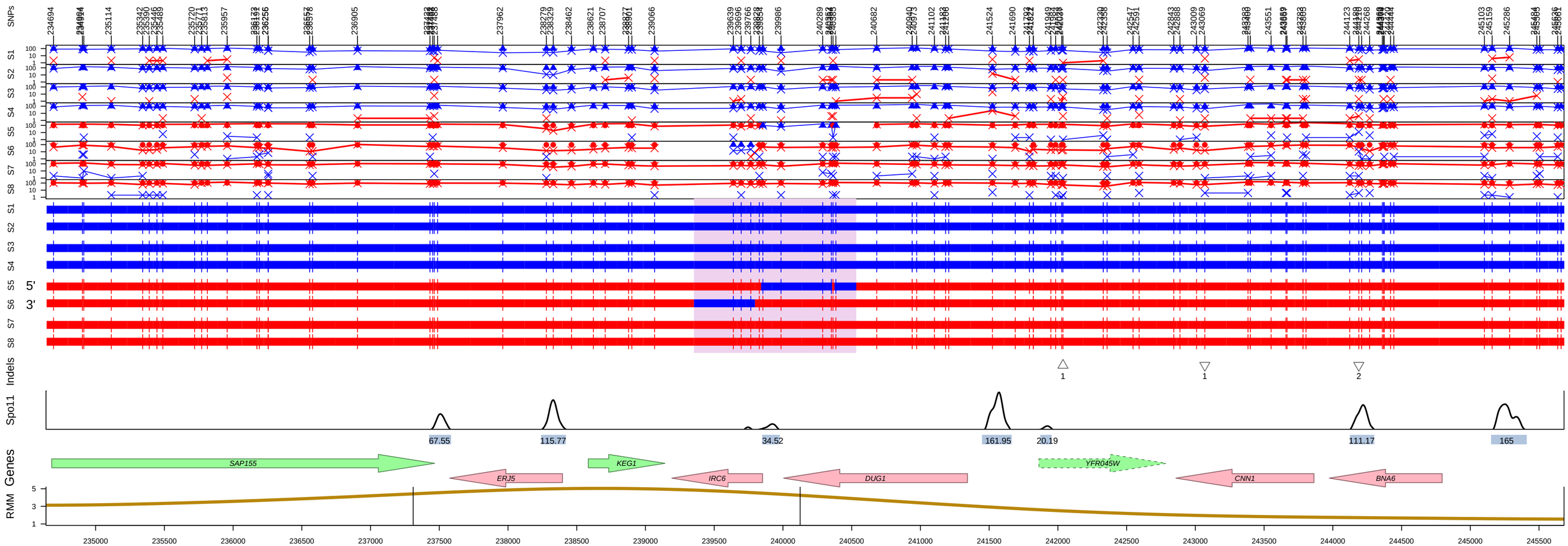
Genotype=OM1 Id=48 Chromo=4 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5a
Mid Len=1452bp Midpoint=1004966 Variants=8
Red=S288c, Blue=SK1



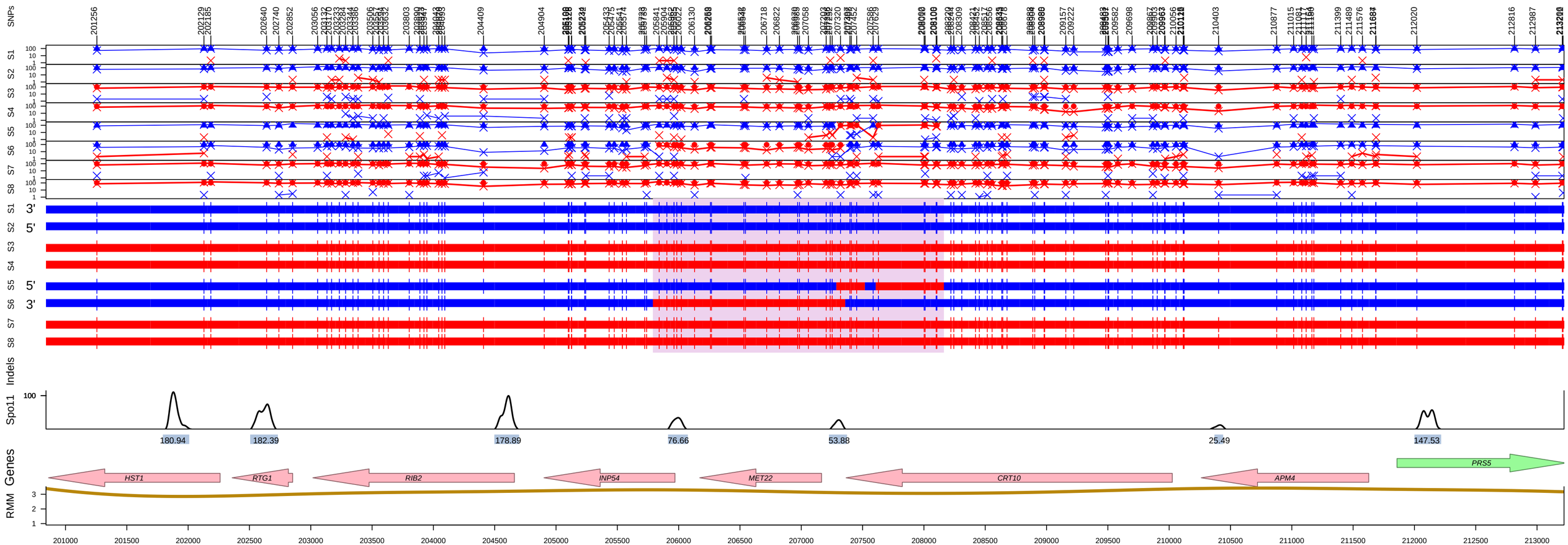
Genotype=OM1 Id=23 Chromo=2 Type=Two−Sided
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5a
Mid Len=1556bp Midpoint=702371 Variants=6
Red=S288c, Blue=SK1



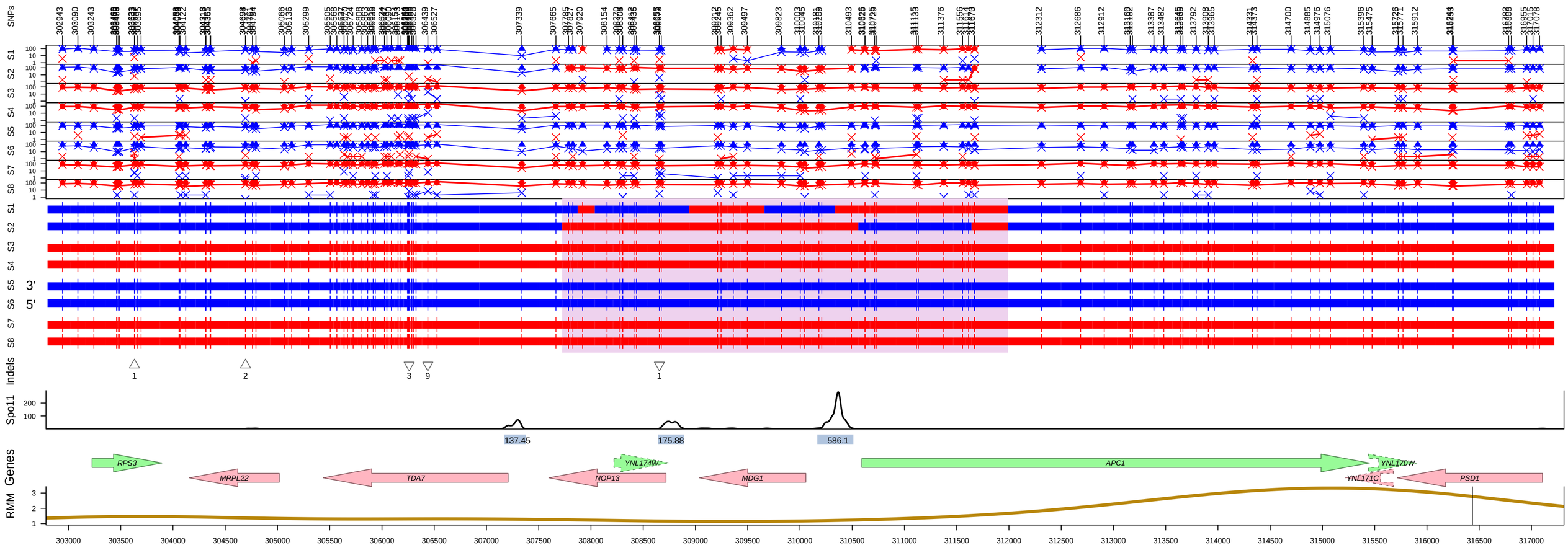
Genotype=OM1 Id=16 Chromo=2 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a_4:4_5:3a
Mid Len=1454bp Midpoint=467121.75 Variants=7
Red=S288c, Blue=SK1



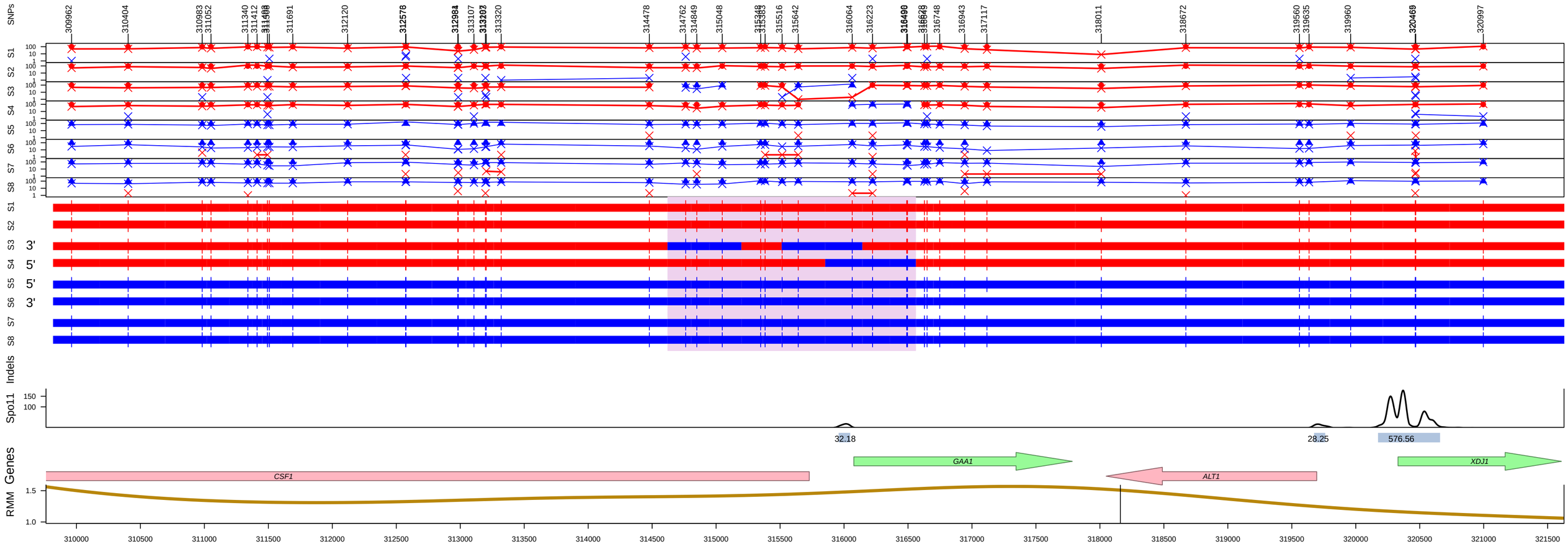
Genotype=OM1 Id=72 Chromo=6 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5a_4:4_3:5a
Mid Len=1181bp Midpoint=239943 Variants=10
Red=S288c, Blue=SK1



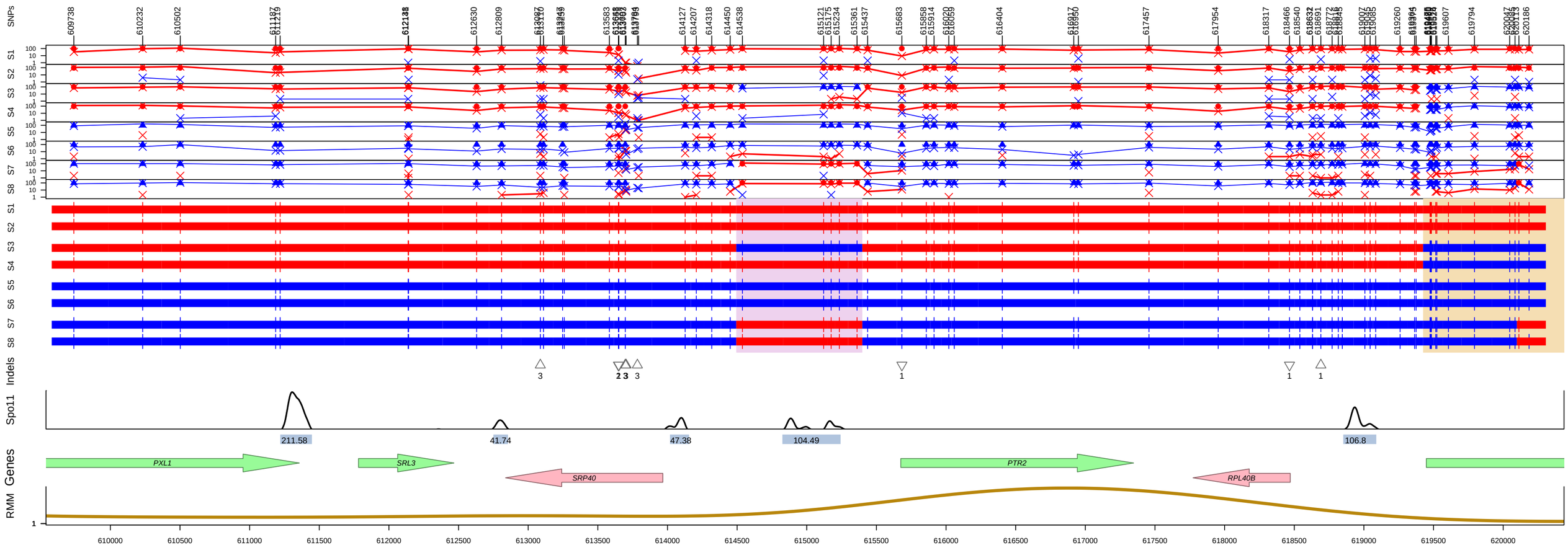
Genotype=OM1 Id=186 Chromo=15 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_6:2_5:3a_4:4_5:3a
Mid Len=2373bp Midpoint=206976.5 Variants=28
Red=S288c, Blue=SK1



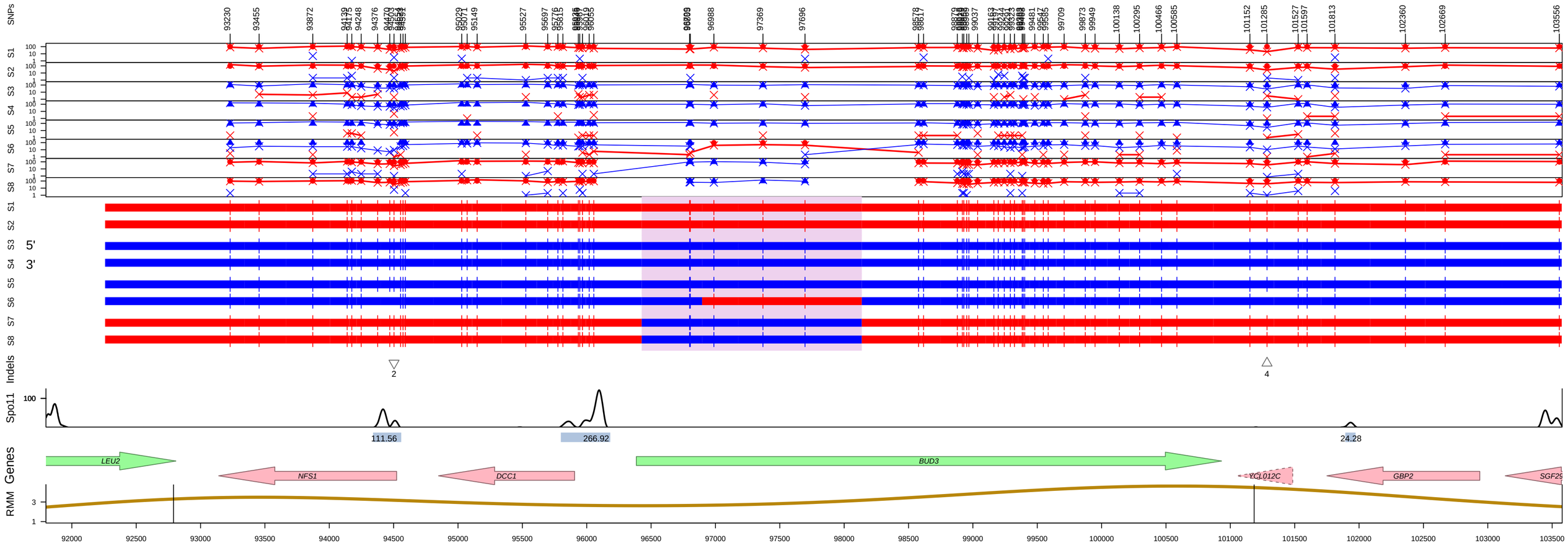
Genotype=OM1 Id=173 Chromo=14 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_6:2_5:3_6:2_5:3_6:2_5:3a_6:2
Mid Len=4268bp Midpoint=309858.75 Variants=31
Red=S288c, Blue=SK1



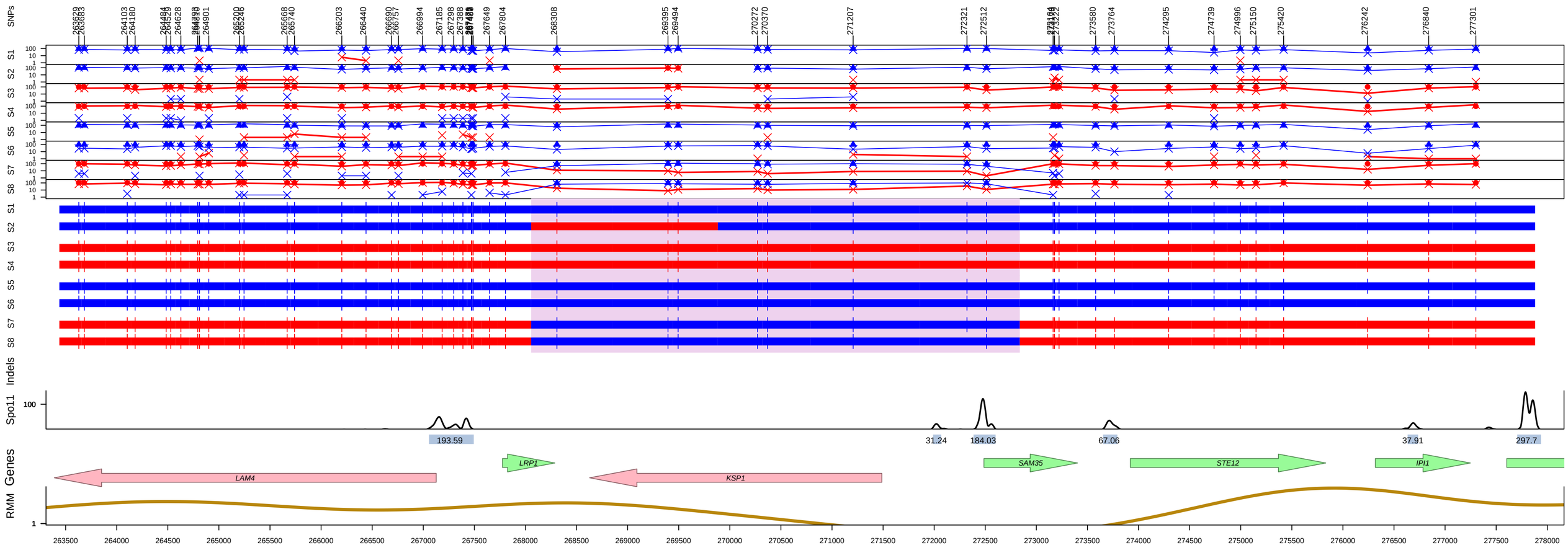
Genotype=OM1 Id=142 Chromo=12 Type=Two−Sided + patch
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_3:5_2:6_3:5a
Mid Len=1942bp Midpoint=315591 Variants=10
Red=S288c, Blue=SK1



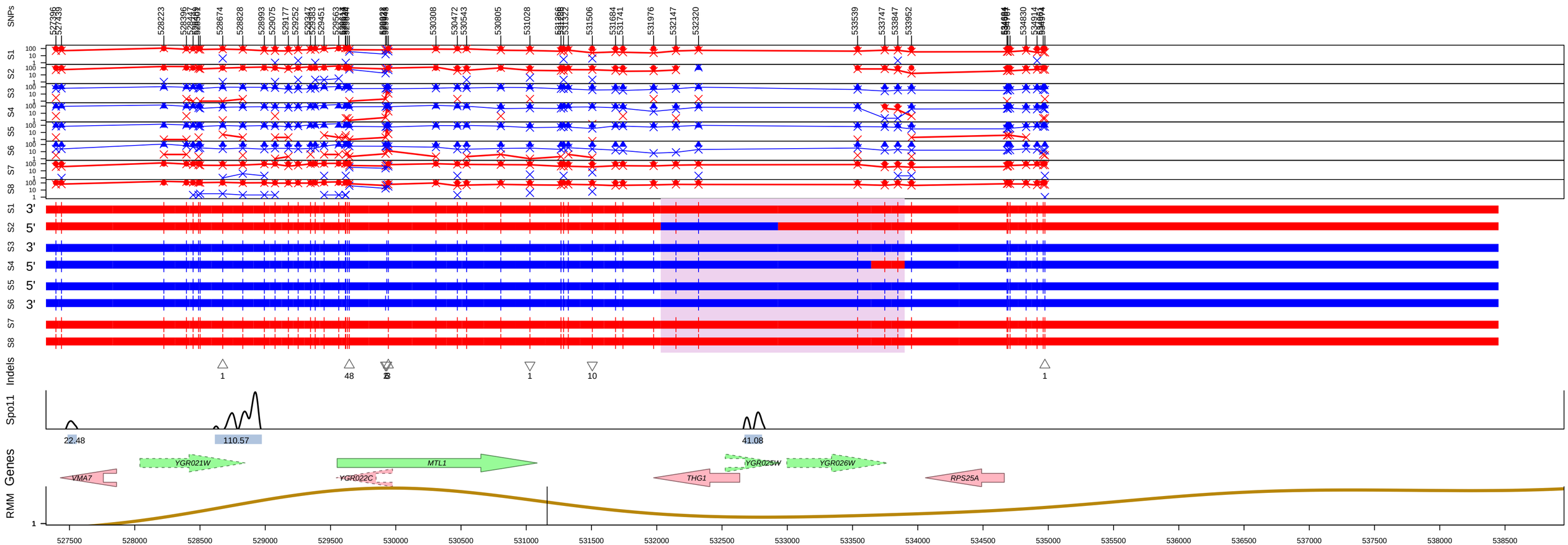
Genotype=OM1 Id=136 Chromo=11 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3
Mid Len=905bp Midpoint=614946.5 Variants=5
Red=S288c, Blue=SK1



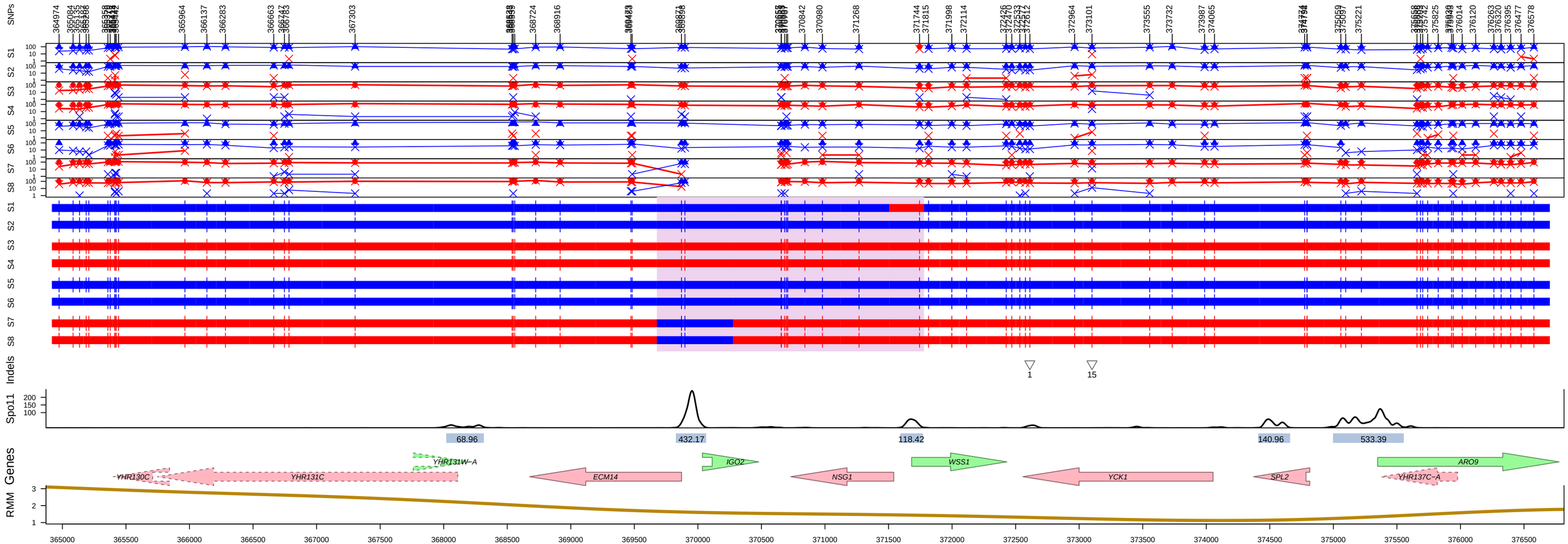
Genotype=OM1 Id=28 Chromo=3 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6_3:5
Mid Len=1710bp Midpoint=97282 Variants=5
Red=S288c, Blue=SK1



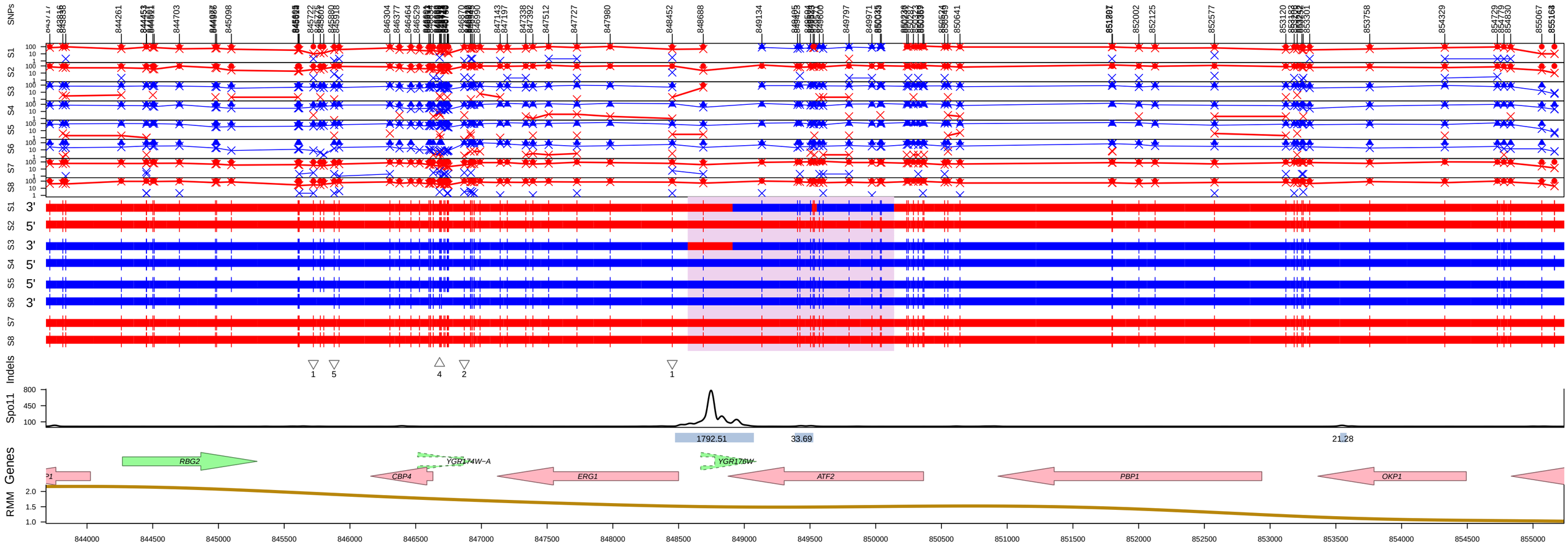
Genotype=OM1 Id=100 Chromo=8 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_2:6
Mid Len=4782bp Midpoint=270447 Variants=7
Red=S288c, Blue=SK1



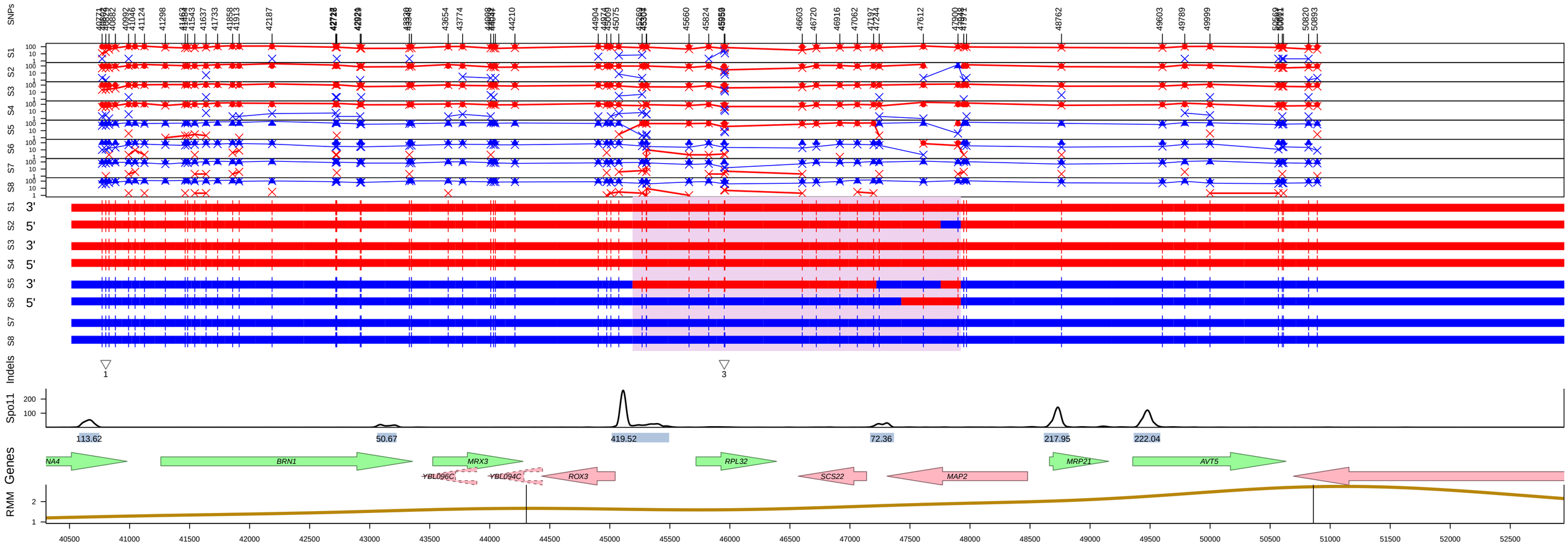
Genotype=OM1 Id=85 Chromo=7 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_4:4_5:3
Mid Len=1869bp Midpoint=532965 Variants=4
Red=S288c, Blue=SK1



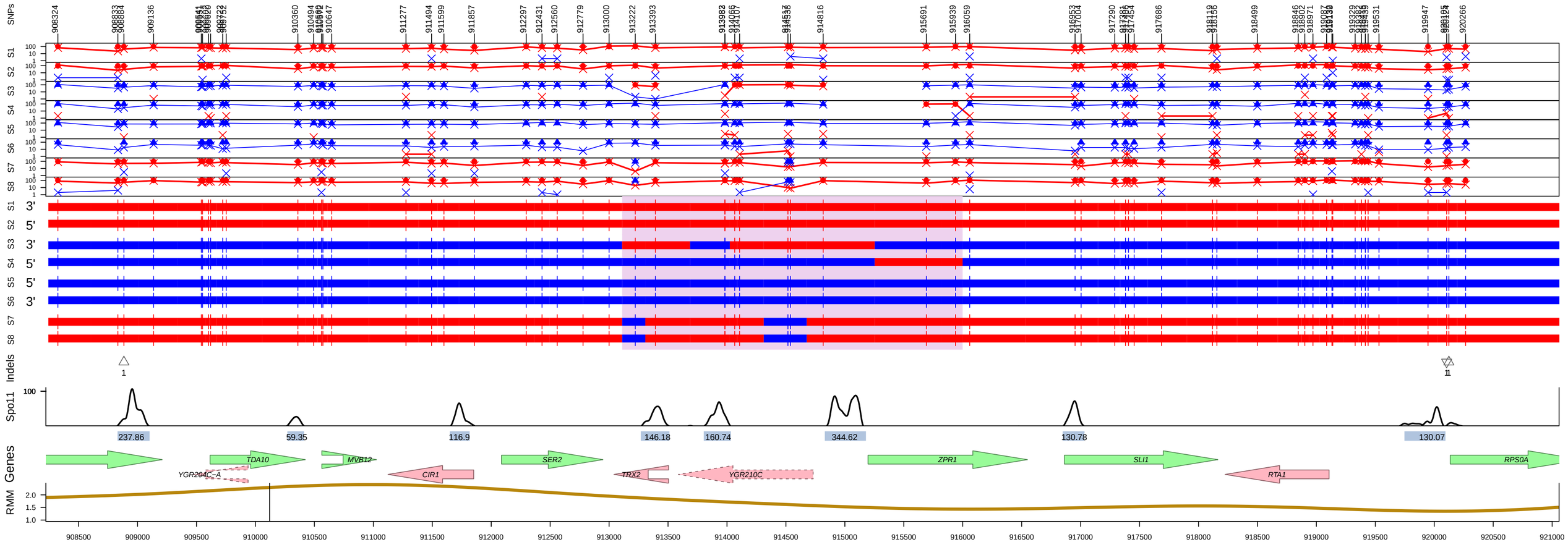
Genotype=OM1 Id=101 Chromo=8 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=2:6_4:4_5:3
Mid Len=2102bp Midpoint=370728.25 Variants=10
Red=S288c, Blue=SK1



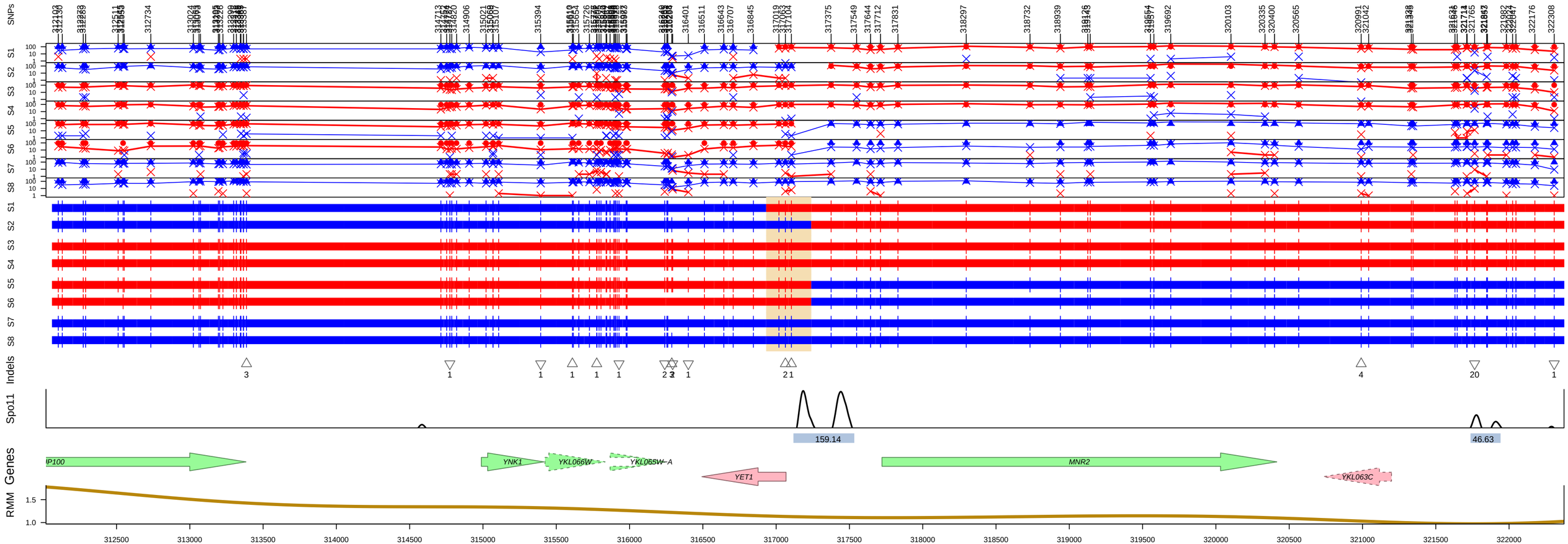
Genotype=OM1 Id=92 Chromo=7 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_3:5_4:4_3:5
Mid Len=1570bp Midpoint=849354.75 Variants=13
Red=S288c, Blue=SK1



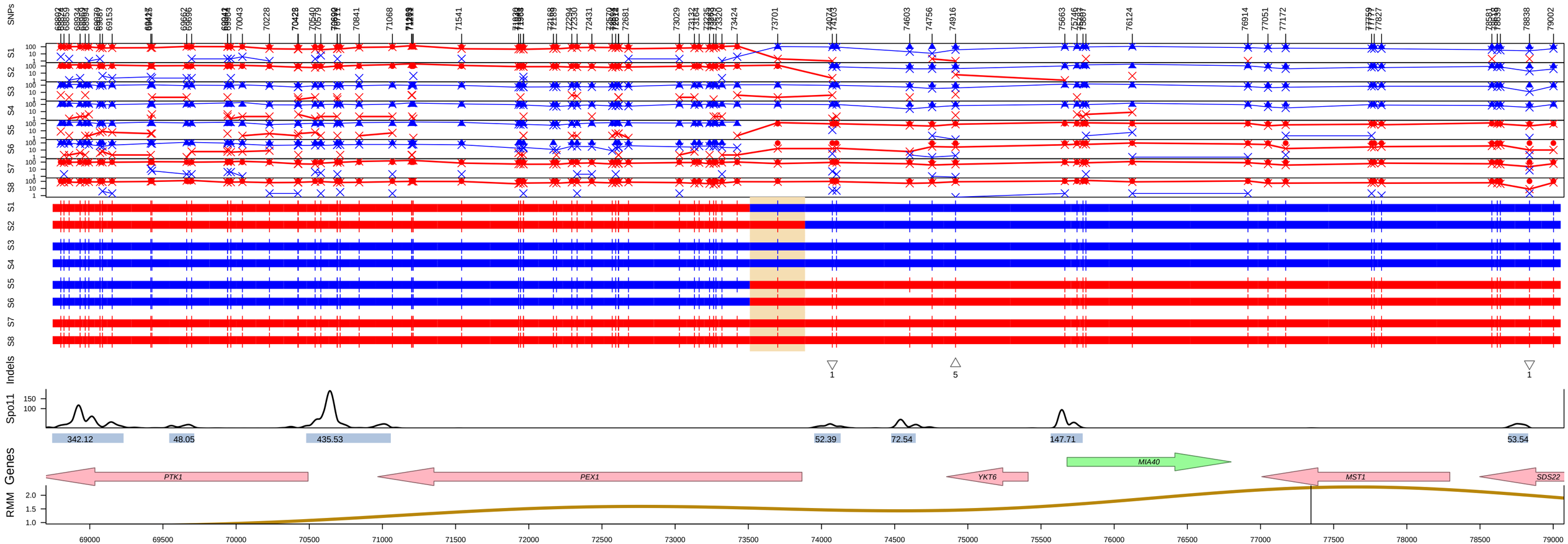
Genotype=OM1 Id=6 Chromo=2 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=5:3_4:4_5:3a_5:3b
Mid Len=2734bp Midpoint=46556.75 Variants=12
Red=S288c, Blue=SK1



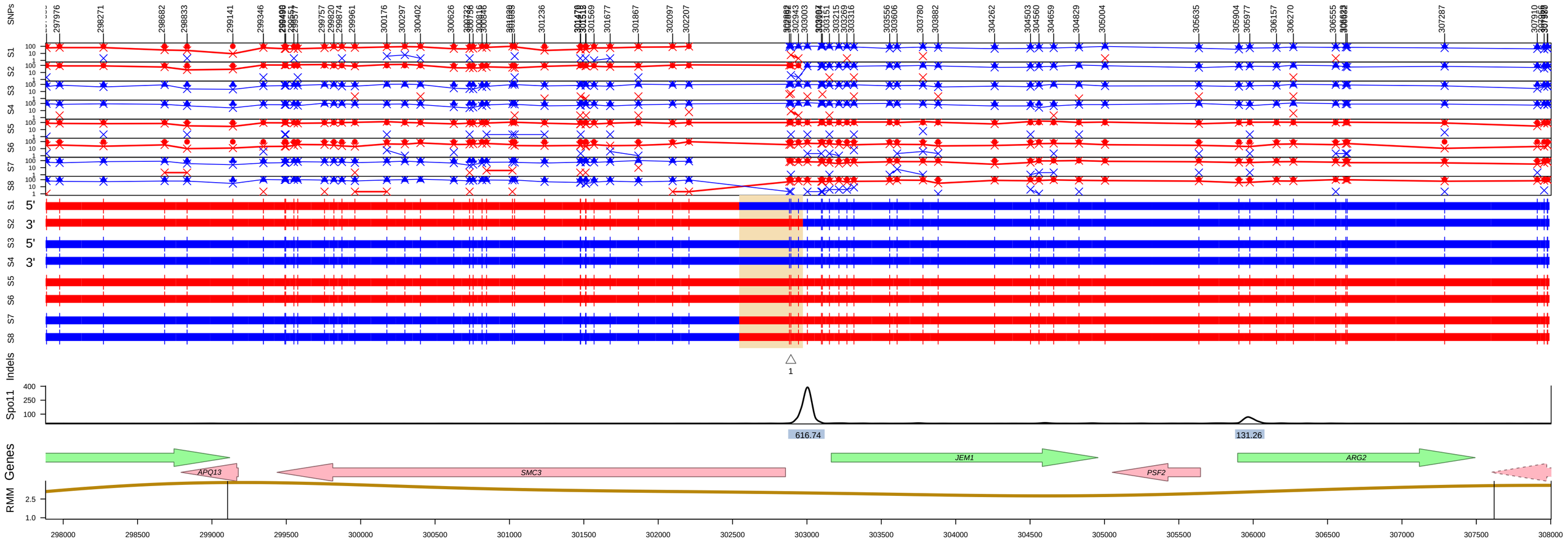
Genotype=OM1 Id=93 Chromo=7 Type=Two Chr
Estimated: DSBs=1, COs=0, NCOs=1
Pattern=3:5_5:3_4:4_5:3_3:5_5:3_5:3a
Mid Len=2888bp Midpoint=914555 Variants=11
Red=S288c, Blue=SK1



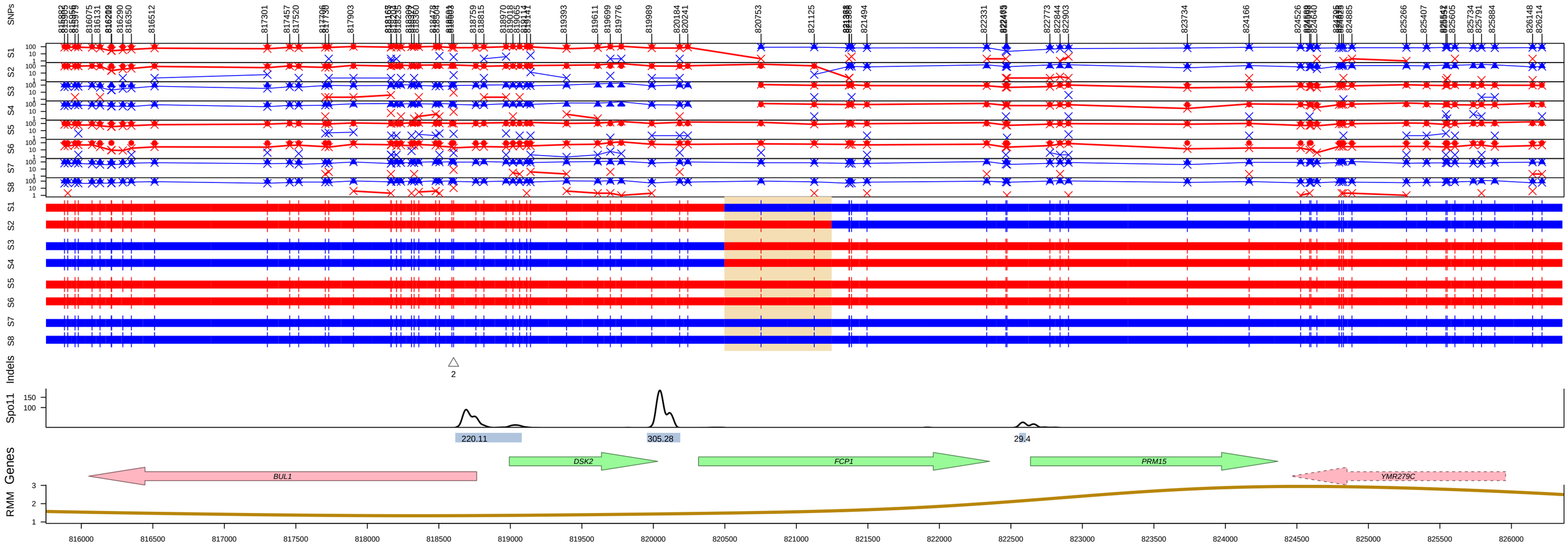
Genotype=OM1 Id=130 Chromo=11 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)
Mid Len=308bp Midpoint=317085.75 Variants=3
Red=S288c, Blue=SK1



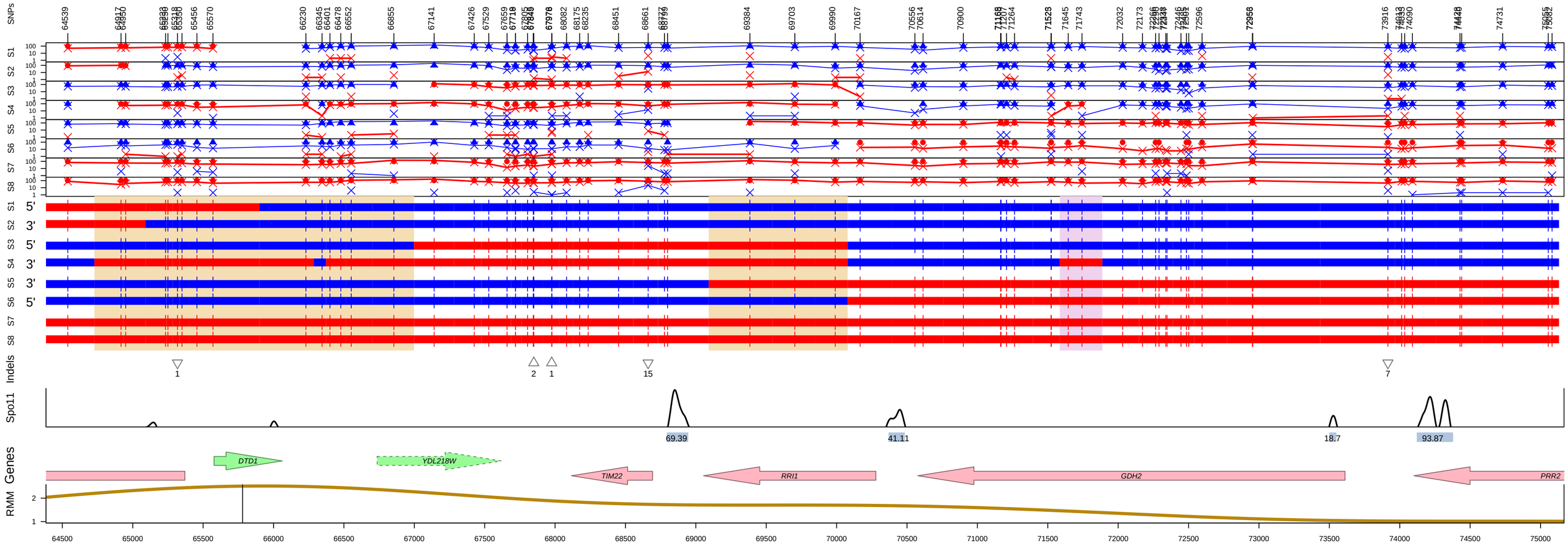
Genotype=OM1 Id=128 Chromo=11 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)
Mid Len=377bp Midpoint=73699 Variants=1
Red=S288c, Blue=SK1



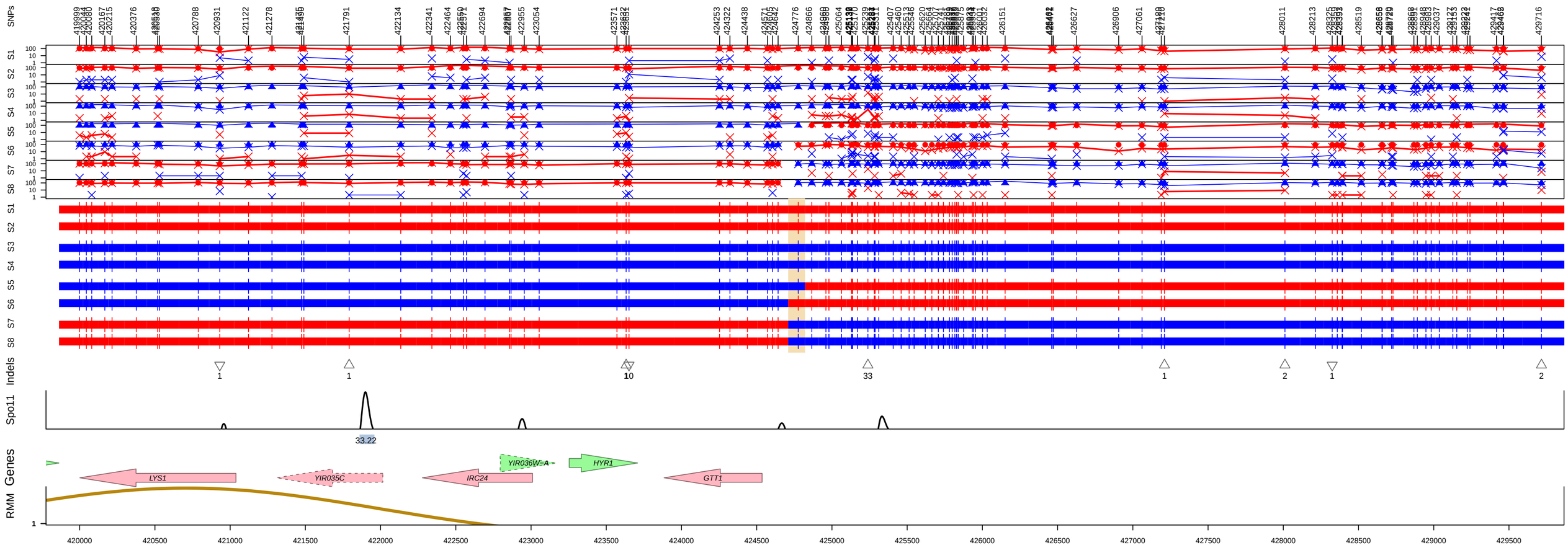
Genotype=OM1 Id=118 Chromo=10 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)
Mid Len=428bp Midpoint=302758.75 Variants=3
Red=S288c, Blue=SK1



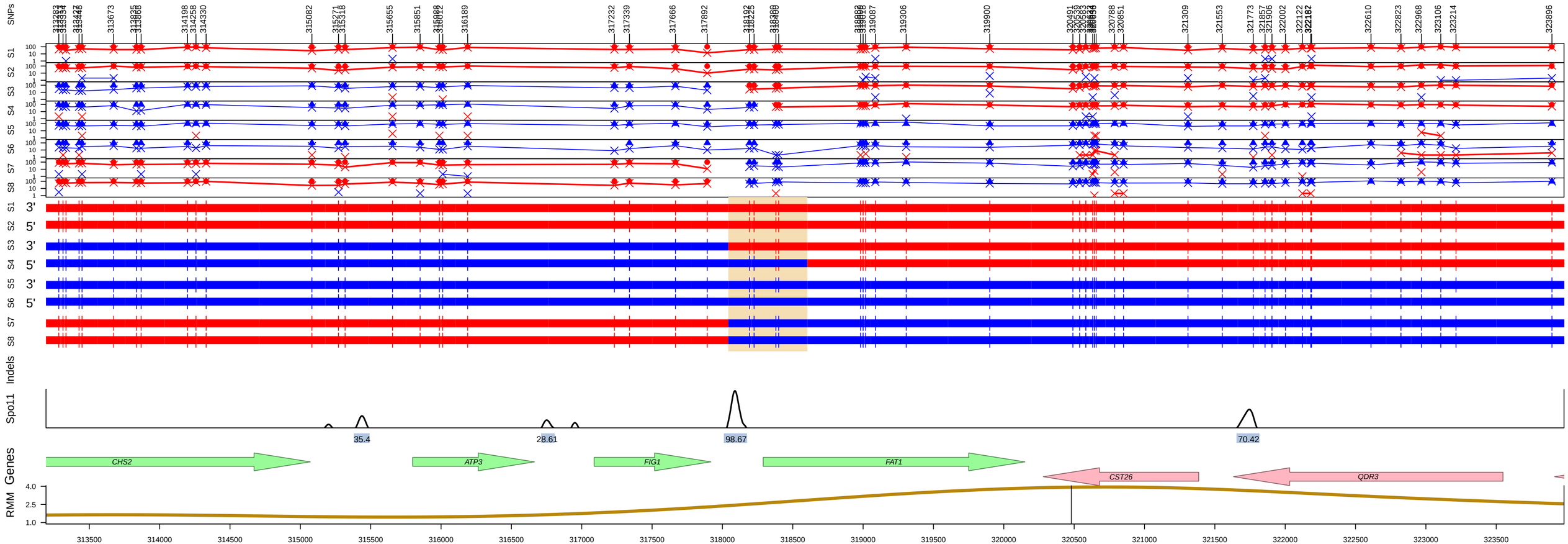
Genotype=OM1 Id=165 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)
Mid Len=750bp Midpoint=820871.75 Variants=2
Red=S288c, Blue=SK1



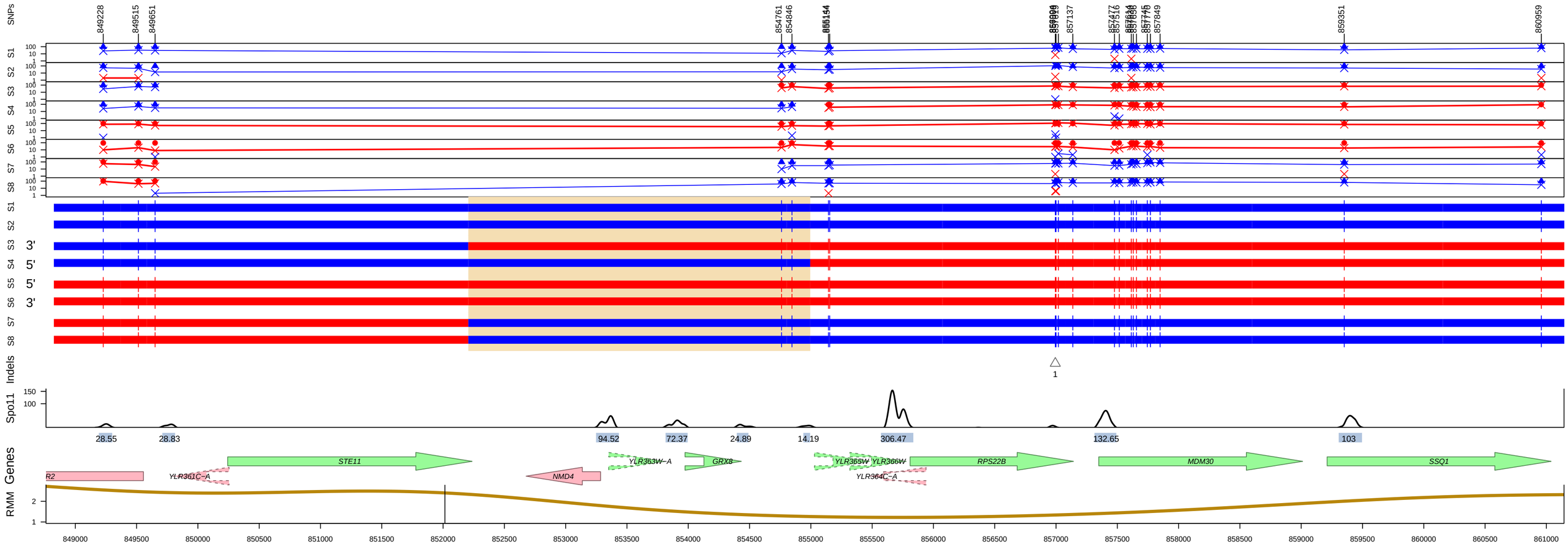
Genotype=OM1 Id=36 Chromo=4 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)
Mid Len=987bp Midpoint=69585 Variants=3
Red=S288c, Blue=SK1



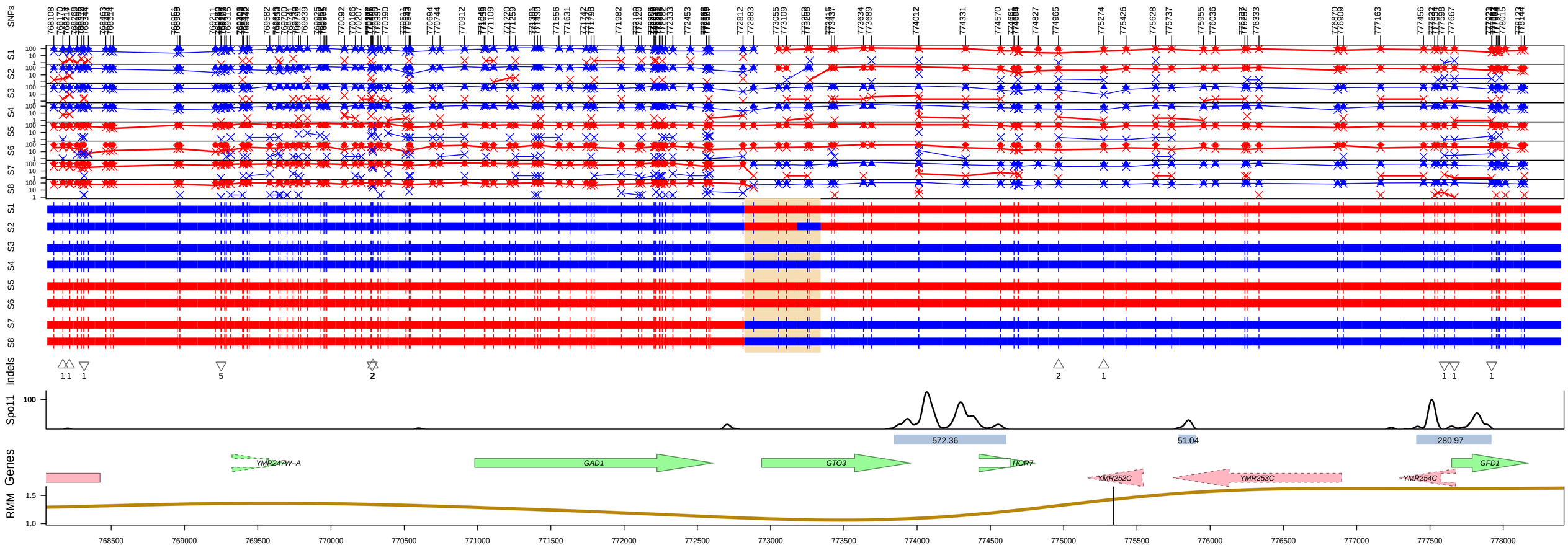
Genotype=OM1 Id=112 Chromo=9 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4aCO)
Mid Len=112bp Midpoint=424765 Variants=1
Red=S288c, Blue=SK1



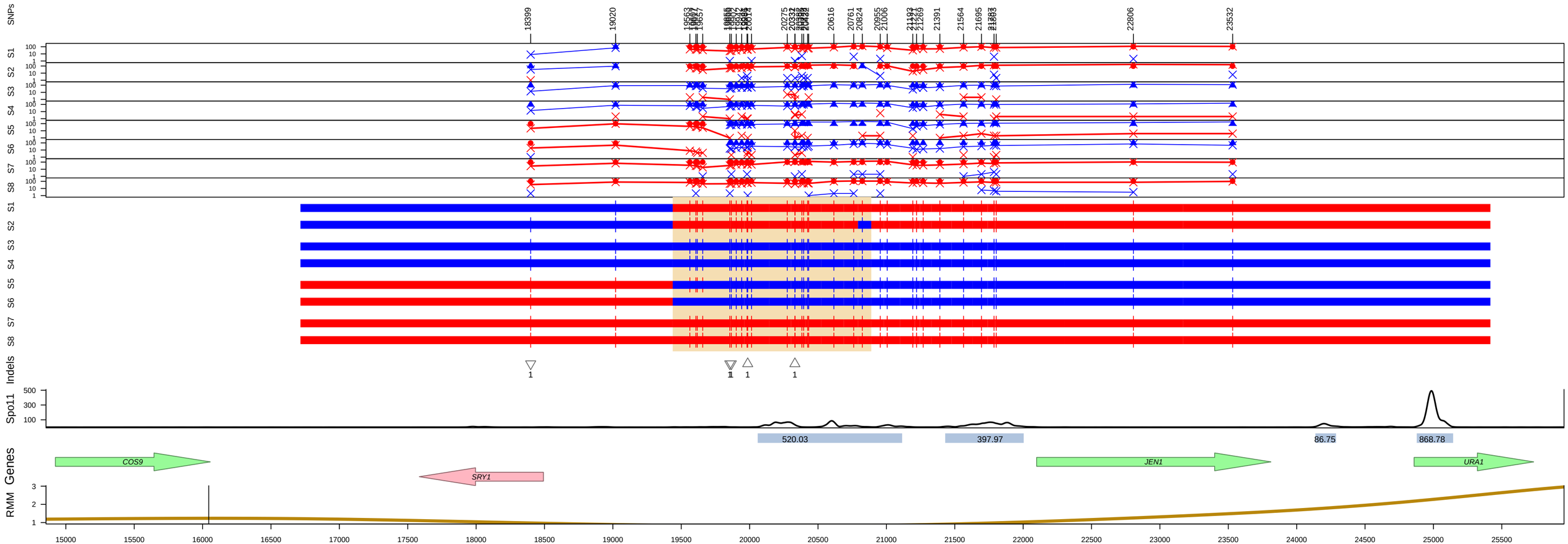
Genotype=OM1 Id=11 Chromo=2 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4aCO)
Mid Len=562bp Midpoint=318322.75 Variants=2
Red=S288c, Blue=SK1



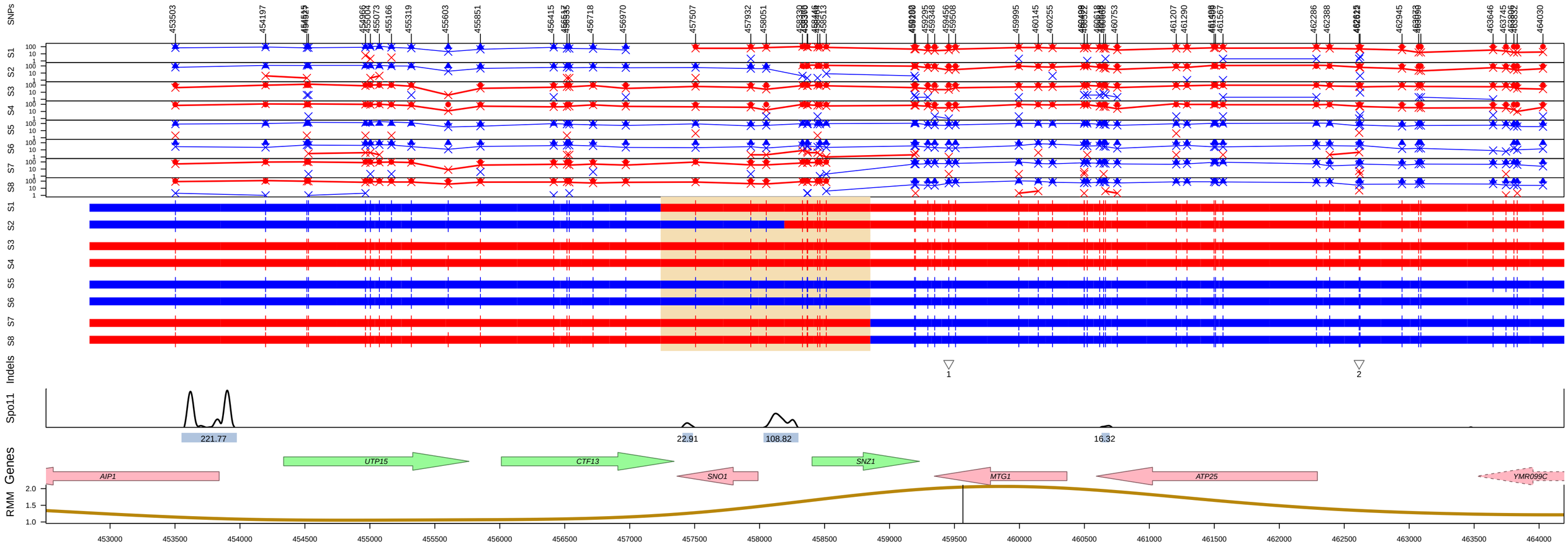
Genotype=OM1 Id=149 Chromo=12 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4aCO)
Mid Len=2789bp Midpoint=853600.5 Variants=2
Red=S288c, Blue=SK1



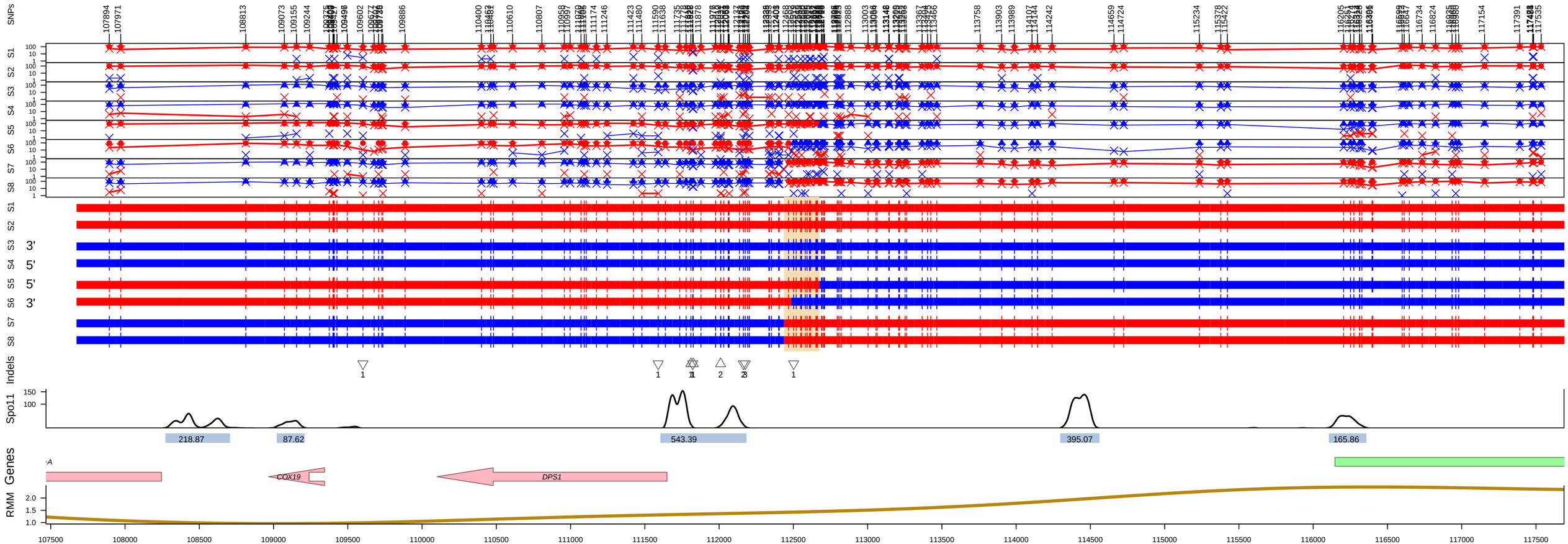
Genotype=OM1 Id=164 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(3:5)_(4:4a)
Mid Len=520bp Midpoint=773081.25 Variants=4
Red=S288c, Blue=SK1



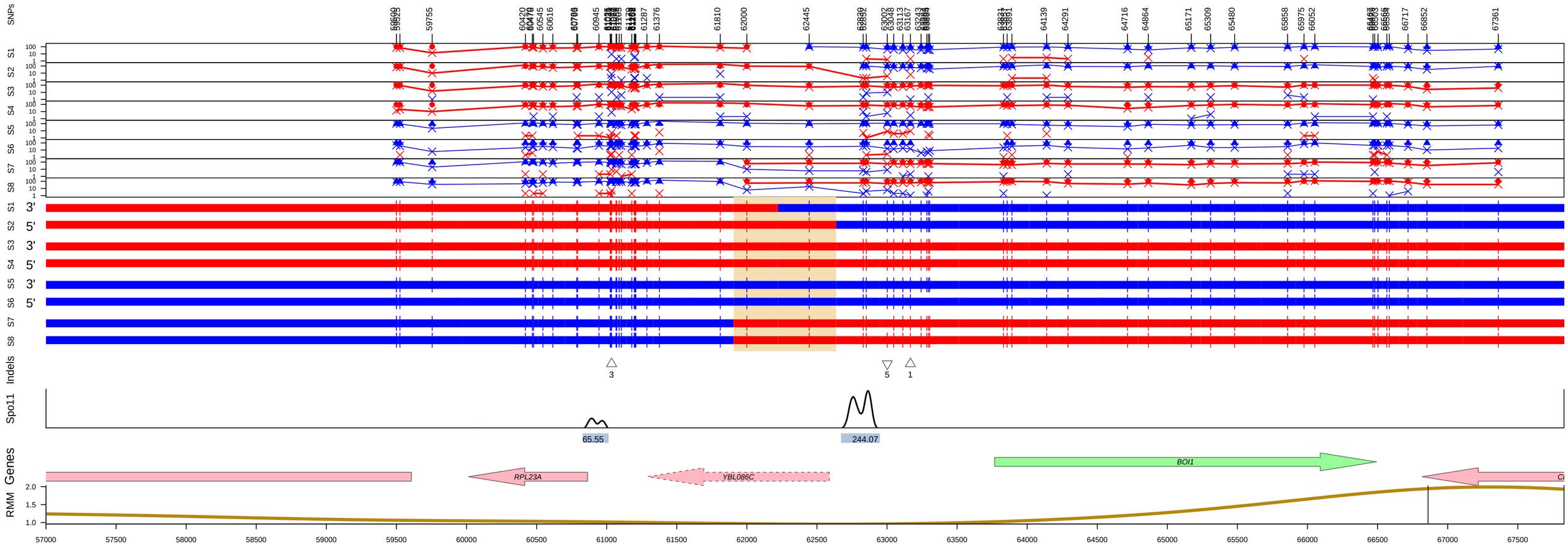
Genotype=OM1 Id=127 Chromo=11 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(3:5)_(4:4a)
Mid Len=1452bp Midpoint=20163.5 Variants=16
Red=S288c, Blue=SK1



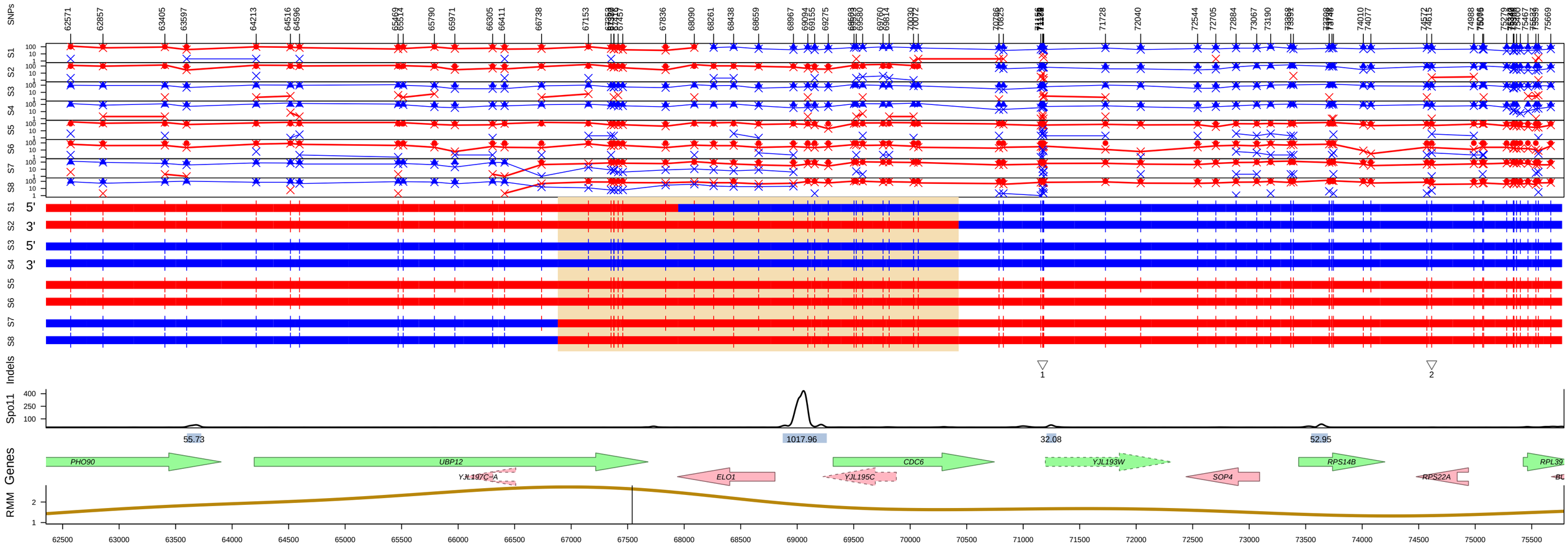
Genotype=OM1 Id=158 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(6:2)_(4:4aCO)
Mid Len=1614bp Midpoint=458045.5 Variants=8
Red=S288c, Blue=SK1



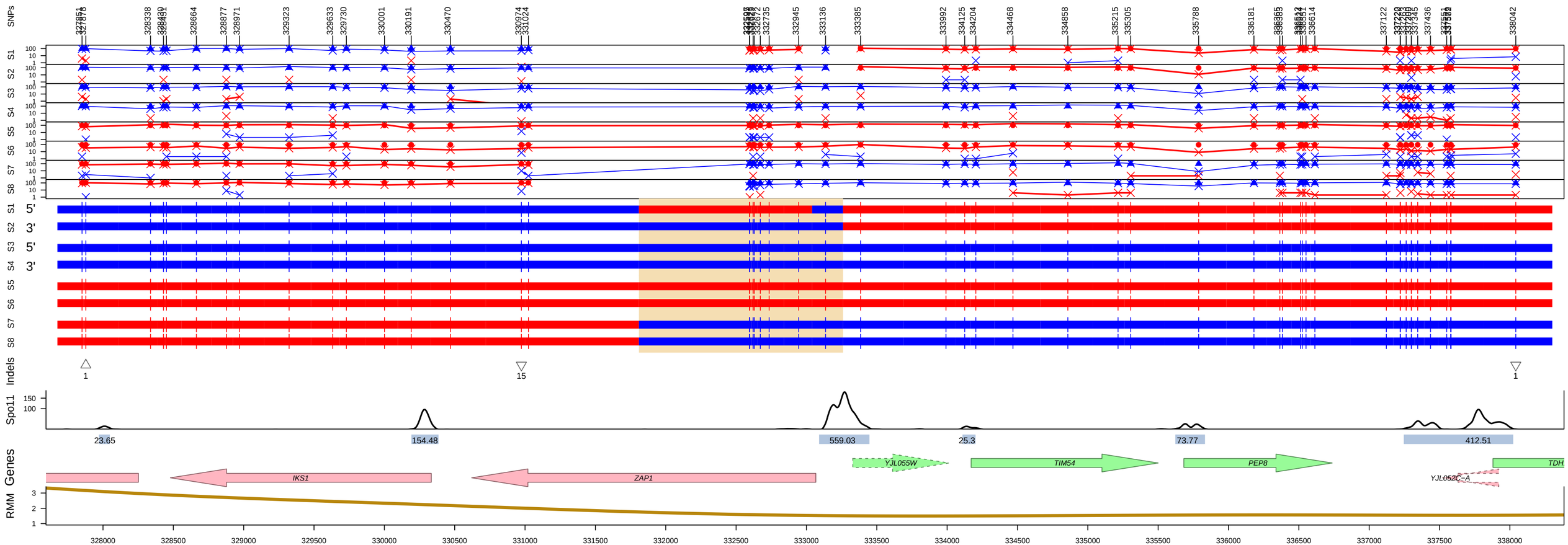
Genotype=OM1 Id=139 Chromo=12 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(5:3)_(4:4aCO)
Mid Len=240bp Midpoint=112556.25 Variants=12
Red=S288c, Blue=SK1



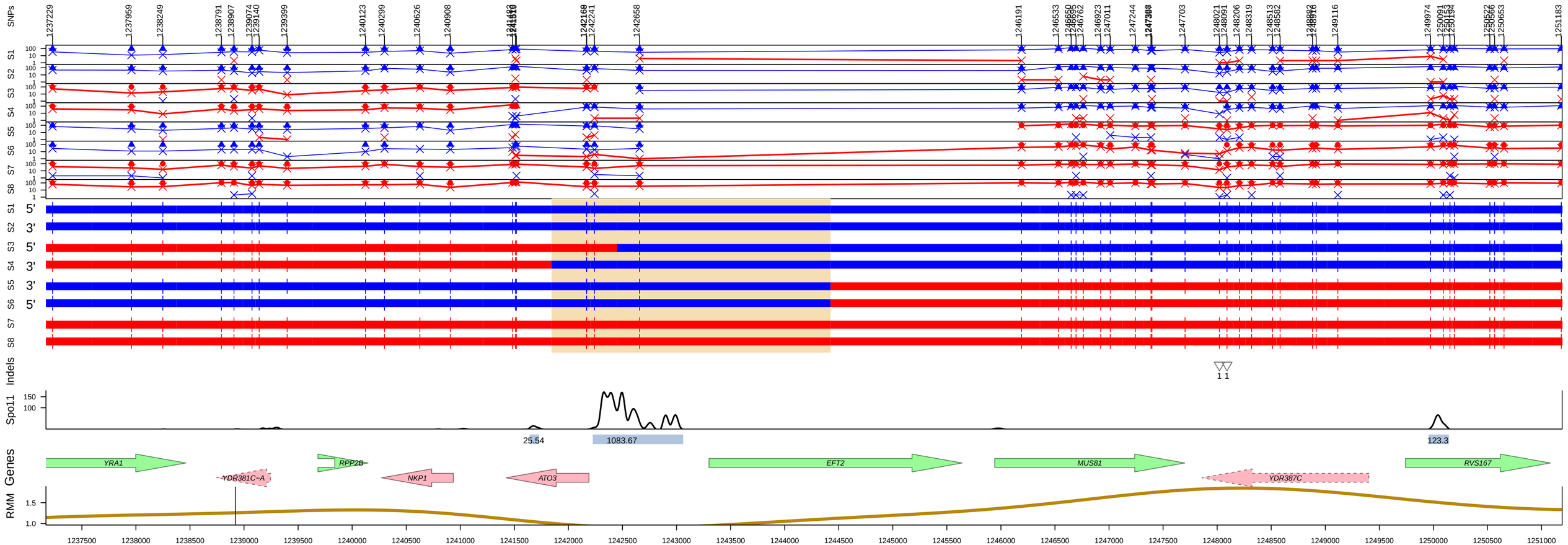
Genotype=OM1 Id=7 Chromo=2 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(5:3)_(4:4aCO)
Mid Len=732bp Midpoint=62271.25 Variants=2
Red=S288c, Blue=SK1



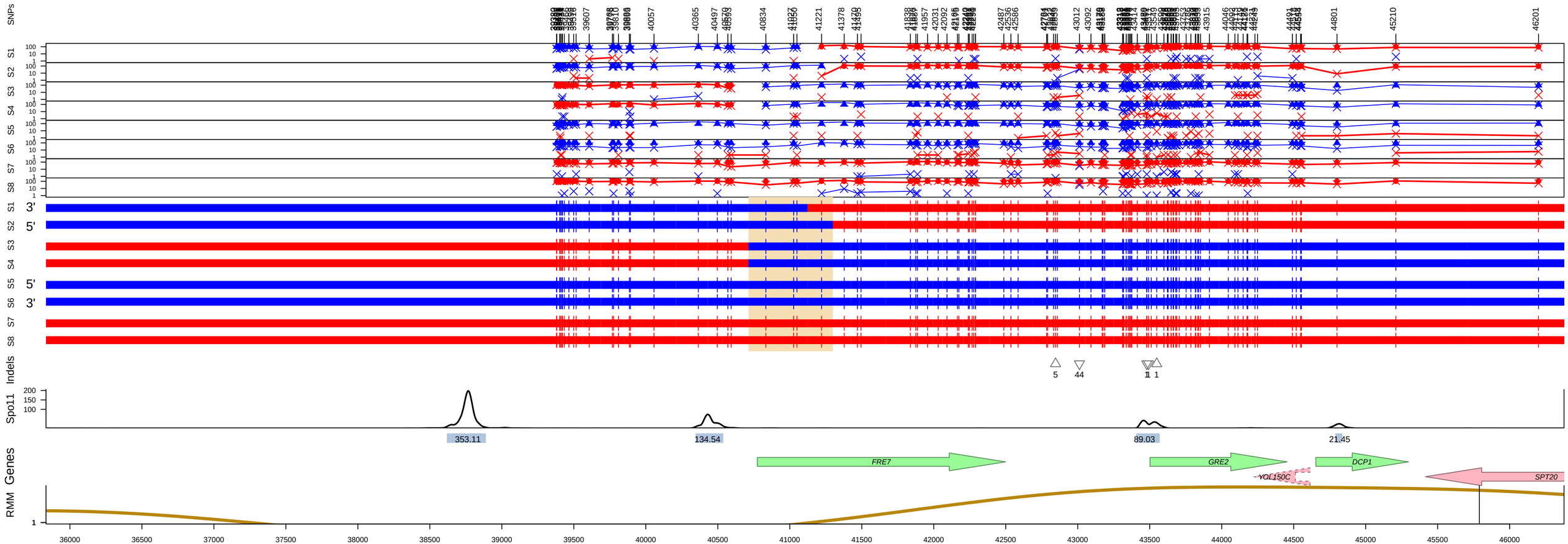
Genotype=OM1 Id=114 Chromo=10 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(5:3)_(4:4aCO)
Mid Len=3547bp Midpoint=68655.5 Variants=16
Red=S288c, Blue=SK1



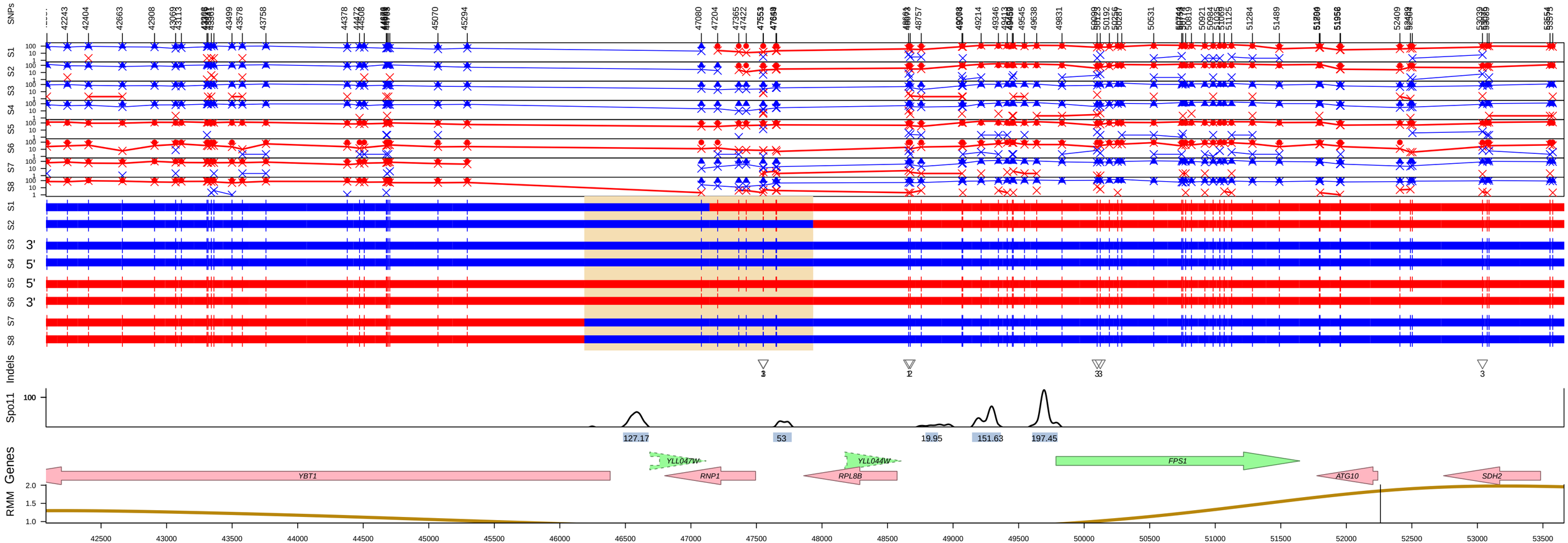
Genotype=OM1 Id=119 Chromo=10 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(2:6)_(4:4aCO)
Mid Len=1451bp Midpoint=332535 Variants=8
Red=S288c, Blue=SK1



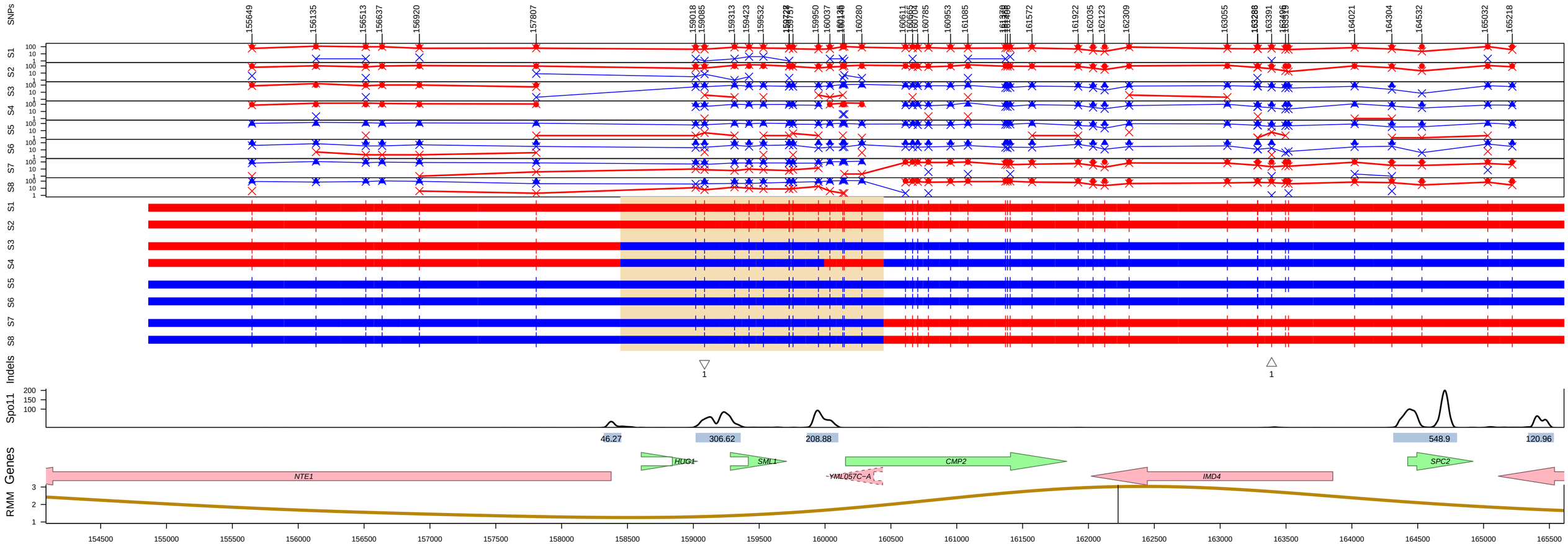
Genotype=OM1 Id=52 Chromo=4 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(2:6)_(4:4aCO)
Mid Len=2581bp Midpoint=1243134 Variants=4
Red=S288c, Blue=SK1



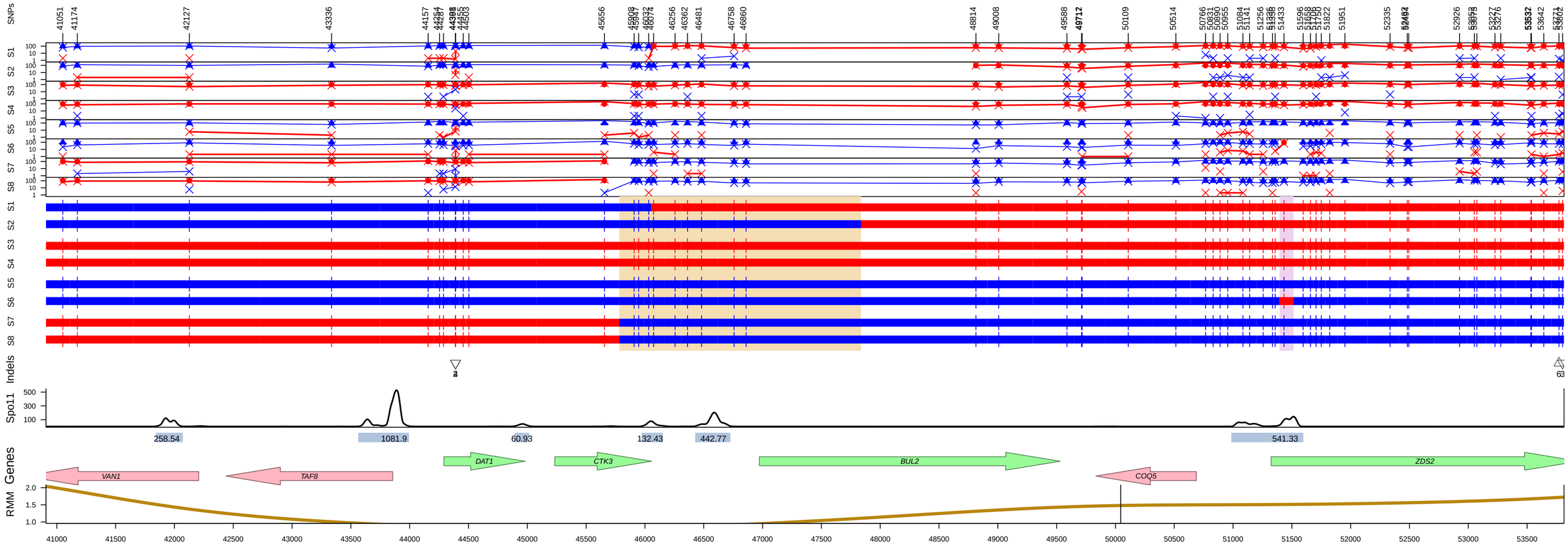
Genotype=OM1 Id=183 Chromo=15 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(4:4aCO)
Mid Len=586bp Midpoint=41006.5 Variants=3
Red=S288c, Blue=SK1



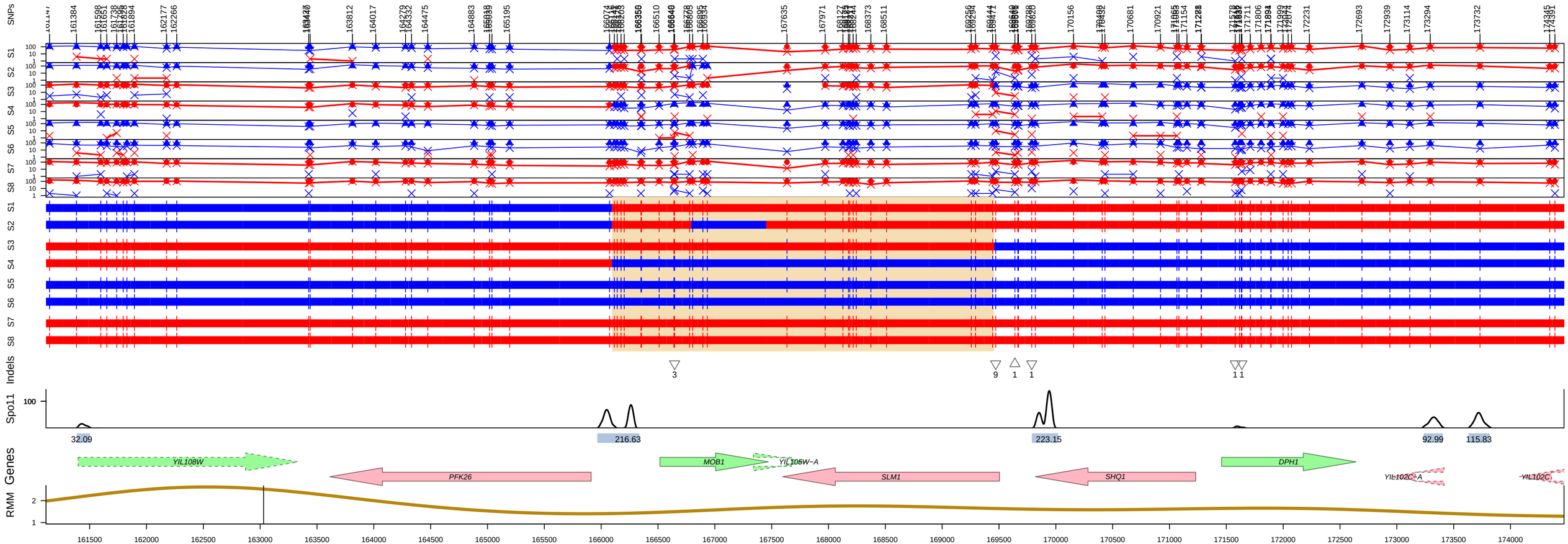
Genotype=OM1 Id=138 Chromo=12 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(4:4aCO)
Mid Len=1746bp Midpoint=47059.75 Variants=2
Red=S288c, Blue=SK1



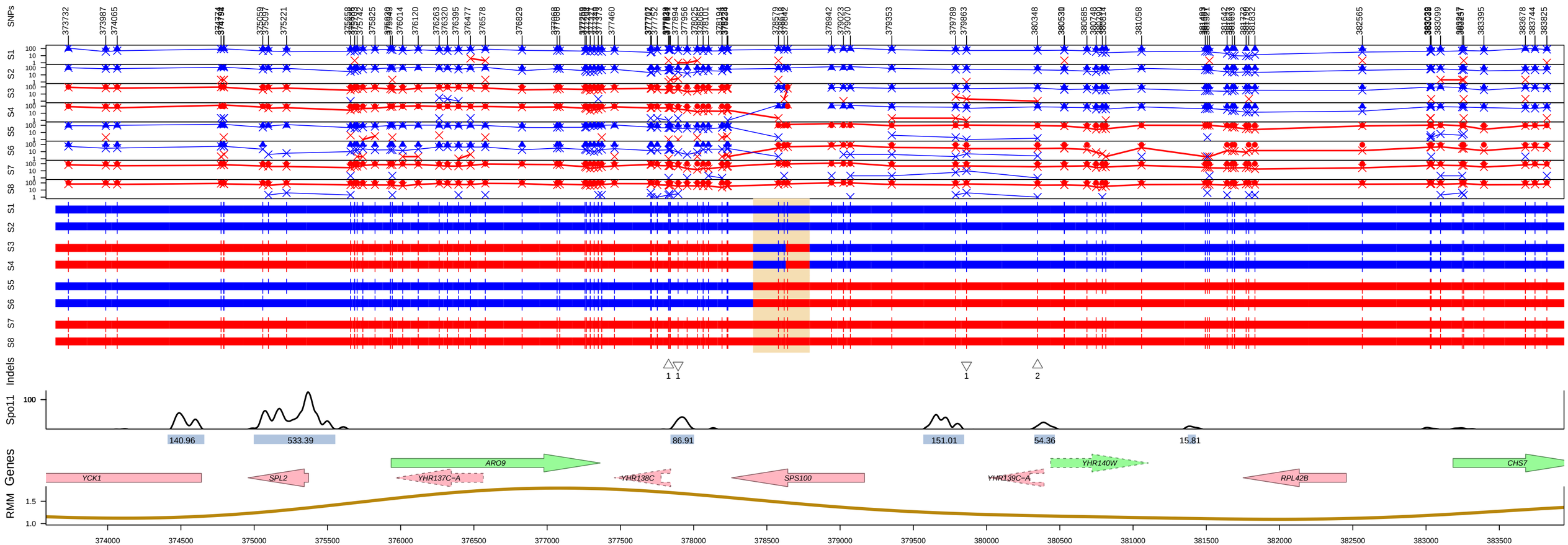
Genotype=OM1 Id=154 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(4:4aCO)
Mid Len=2000bp Midpoint=159445.75 Variants=12
Red=S288c, Blue=SK1



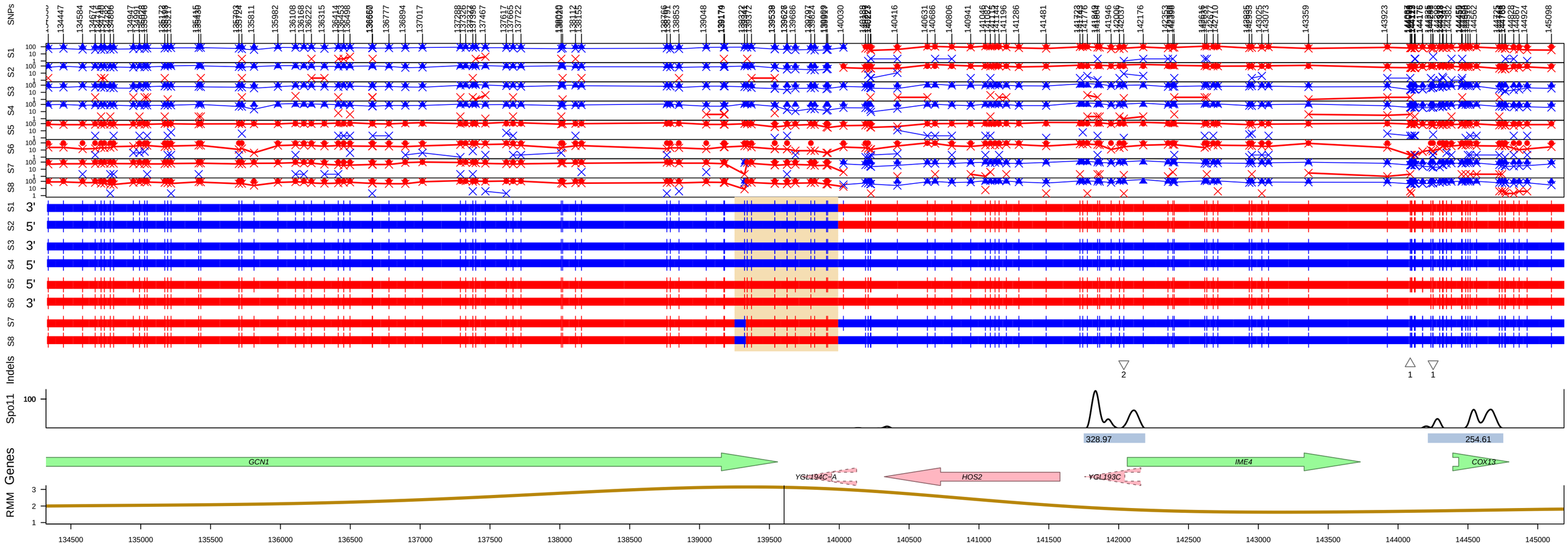
Genotype=OM1 Id=151 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(4:4aCO)
Mid Len=2055bp Midpoint=46809.5 Variants=9
Red=S288c, Blue=SK1



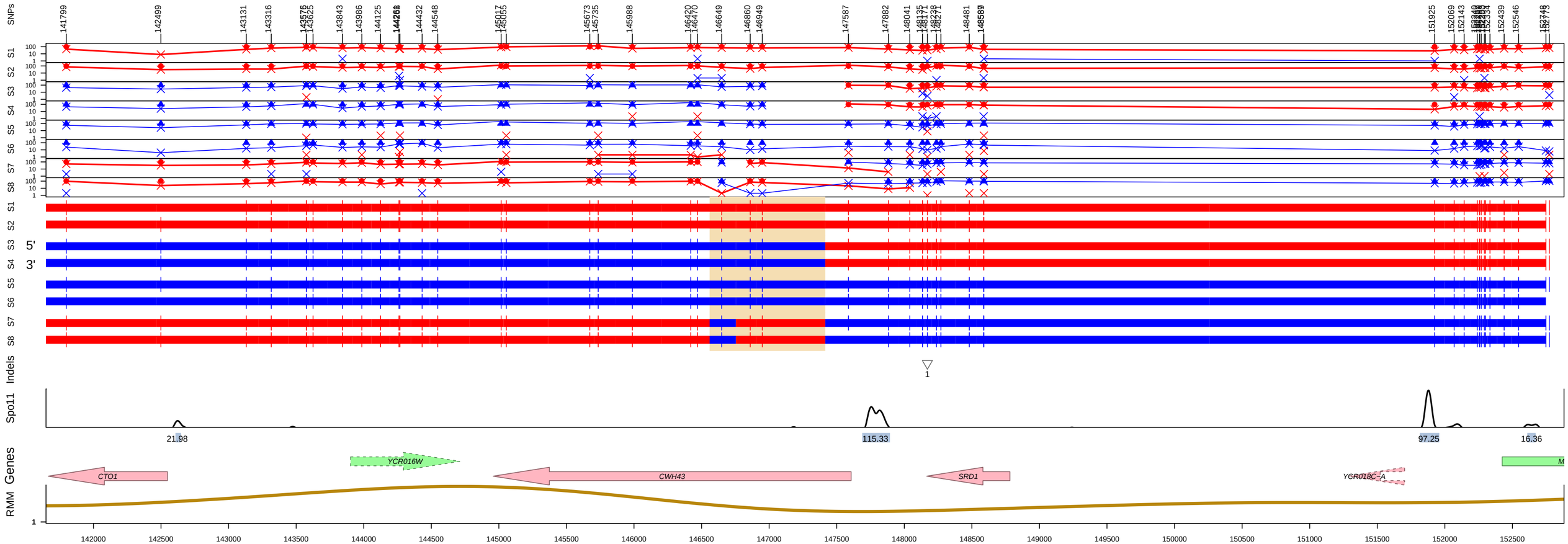
Genotype=OM1 Id=109 Chromo=9 Type=Two−Sided Unidirectional Sym 4:4
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4ai)_(5:3)_(4:4bCO)
Mid Len=3362bp Midpoint=167776.25 Variants=22
Red=S288c, Blue=SK1



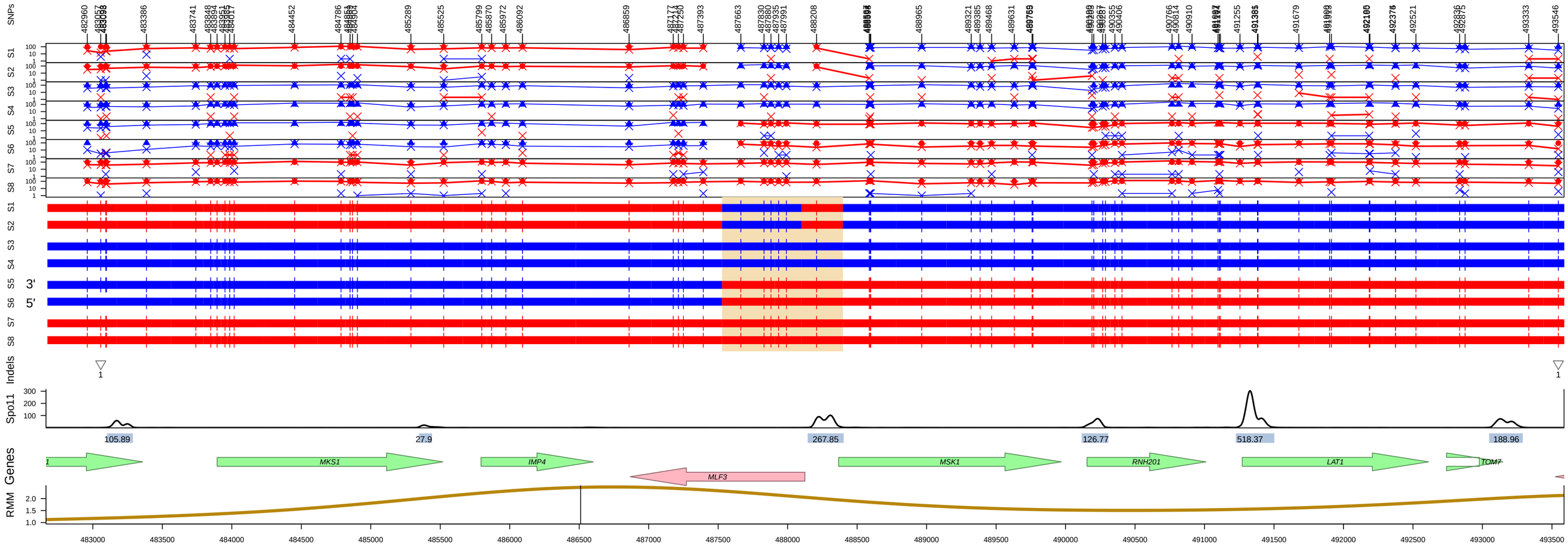
Genotype=OM1 Id=102 Chromo=8 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(6:2)_(4:4a)
Mid Len=386bp Midpoint=378599.25 Variants=3
Red=S288c, Blue=SK1



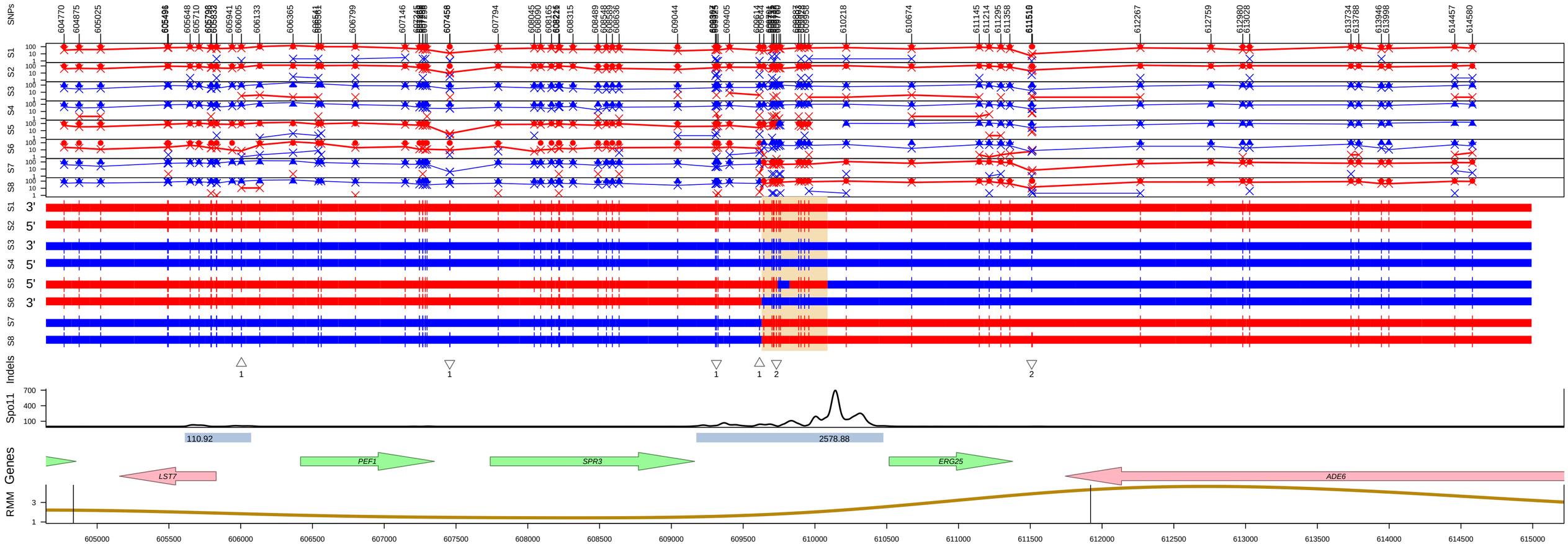
Genotype=OM1 Id=77 Chromo=7 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4)_(4:4aCO)
Mid Len=742bp Midpoint=139621.5 Variants=8
Red=S288c, Blue=SK1



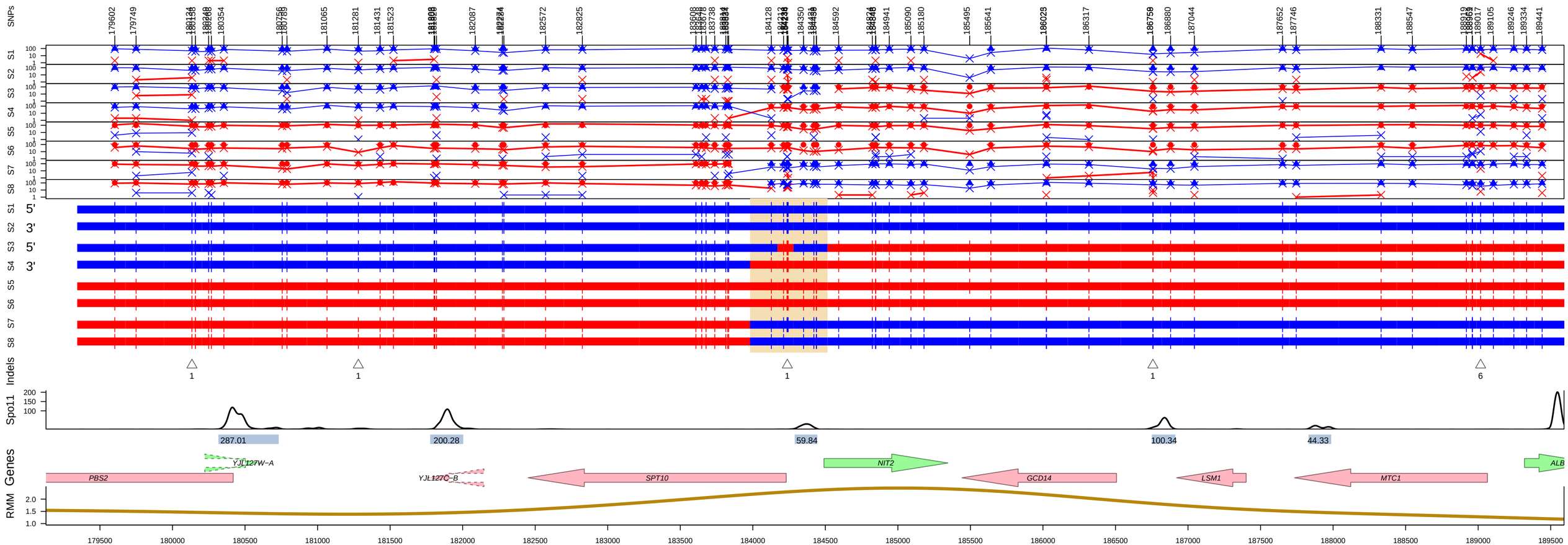
Genotype=OM1 Id=29 Chromo=3 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4)_(4:4aCO)
Mid Len=856bp Midpoint=146987.5 Variants=3
Red=S288c, Blue=SK1



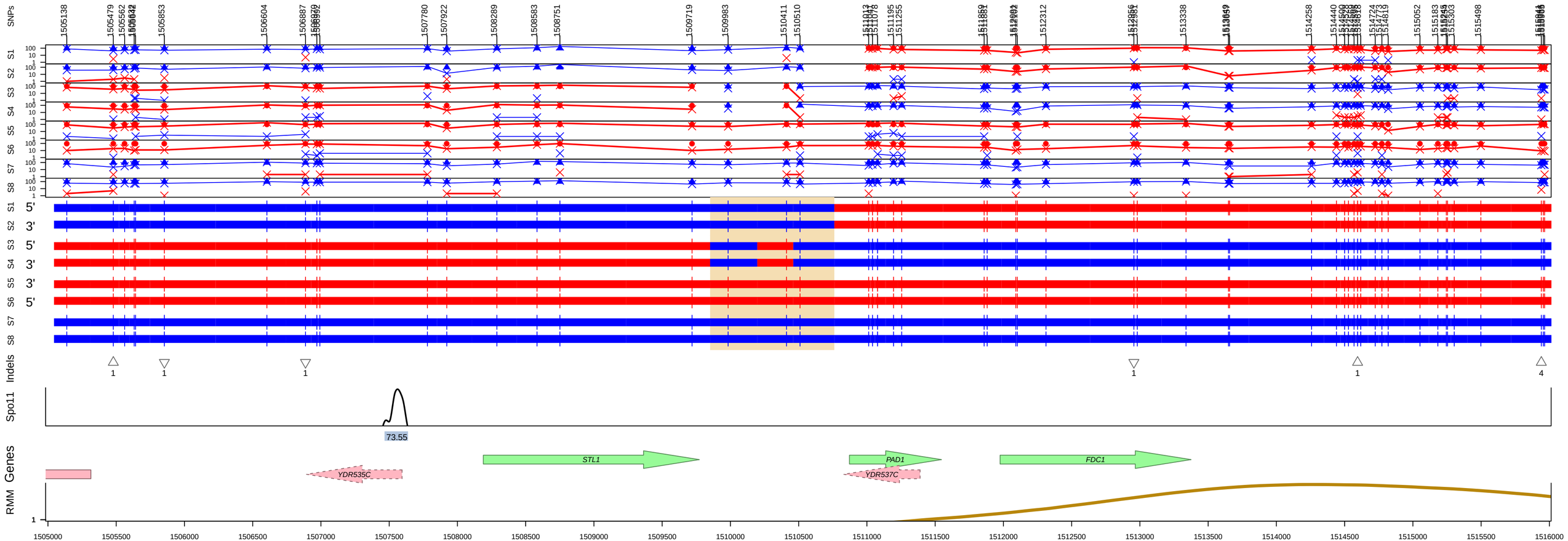
Genotype=OM1 Id=178 Chromo=14 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(6:2)_(4:4a)
Mid Len=870bp Midpoint=487962.75 Variants=6
Red=S288c, Blue=SK1



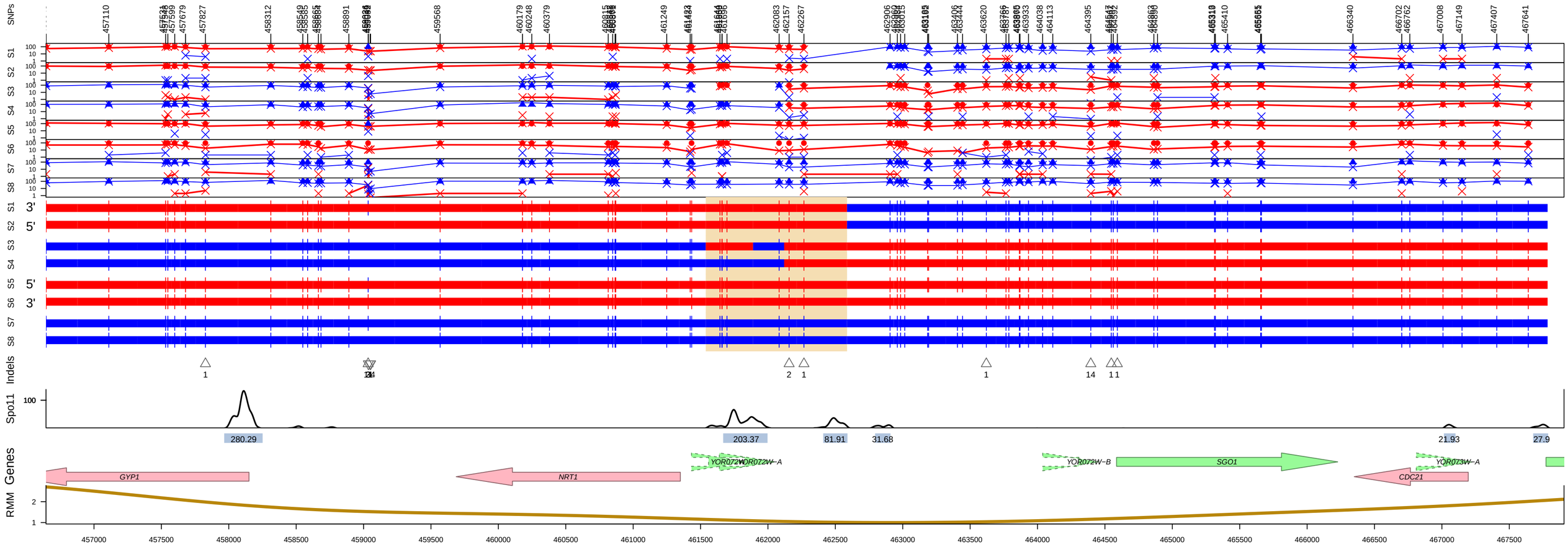
Genotype=OM1 Id=87 Chromo=7 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)_(5:3)_(4:4a)
Mid Len=459bp Midpoint=609858.5 Variants=11
Red=S288c, Blue=SK1



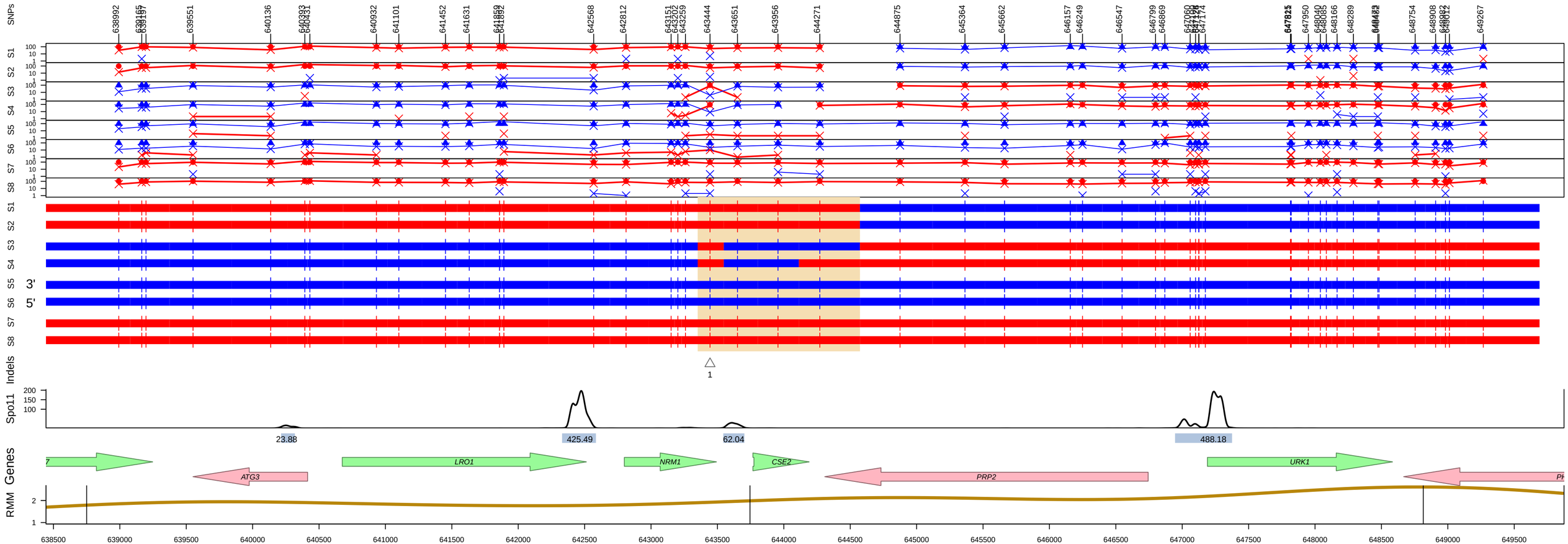
Genotype=OM1 Id=116 Chromo=10 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4aCO)_(3:5)_(4:4a)
Mid Len=534bp Midpoint=184248.25 Variants=6
Red=S288c, Blue=SK1



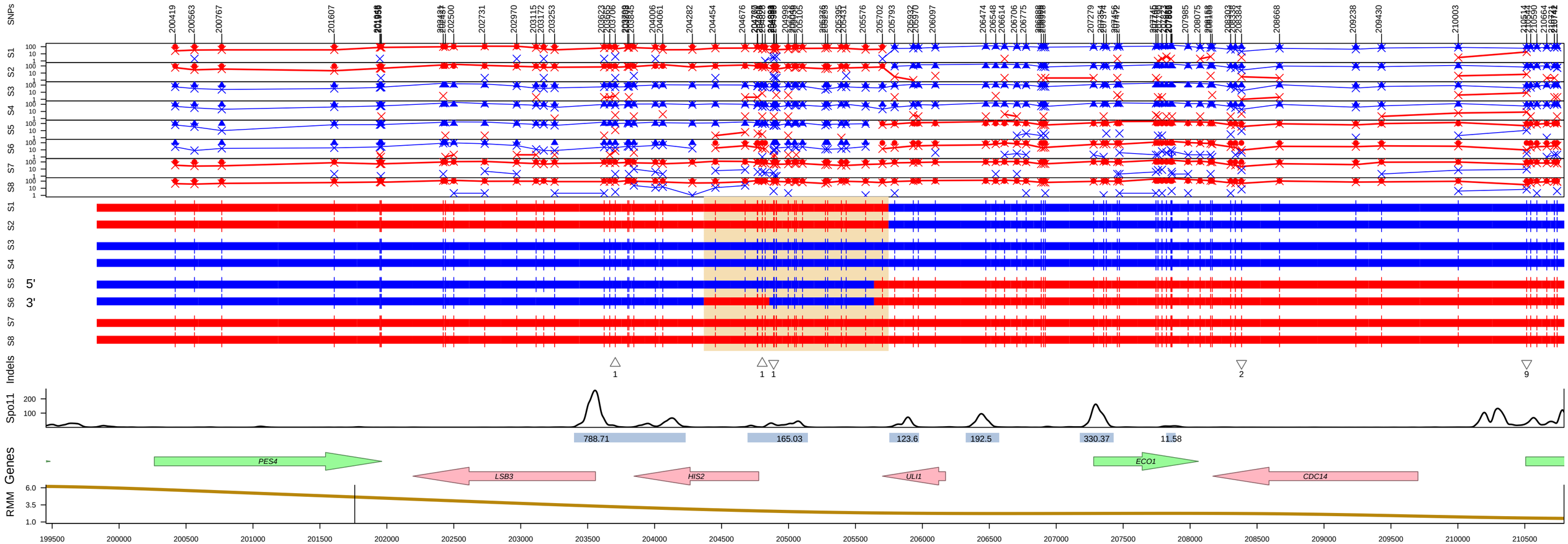
Genotype=OM1 Id=55 Chromo=4 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4)_(2:6)_(4:4aCO)
Mid Len=910bp Midpoint=1510306.25 Variants=3
Red=S288c, Blue=SK1



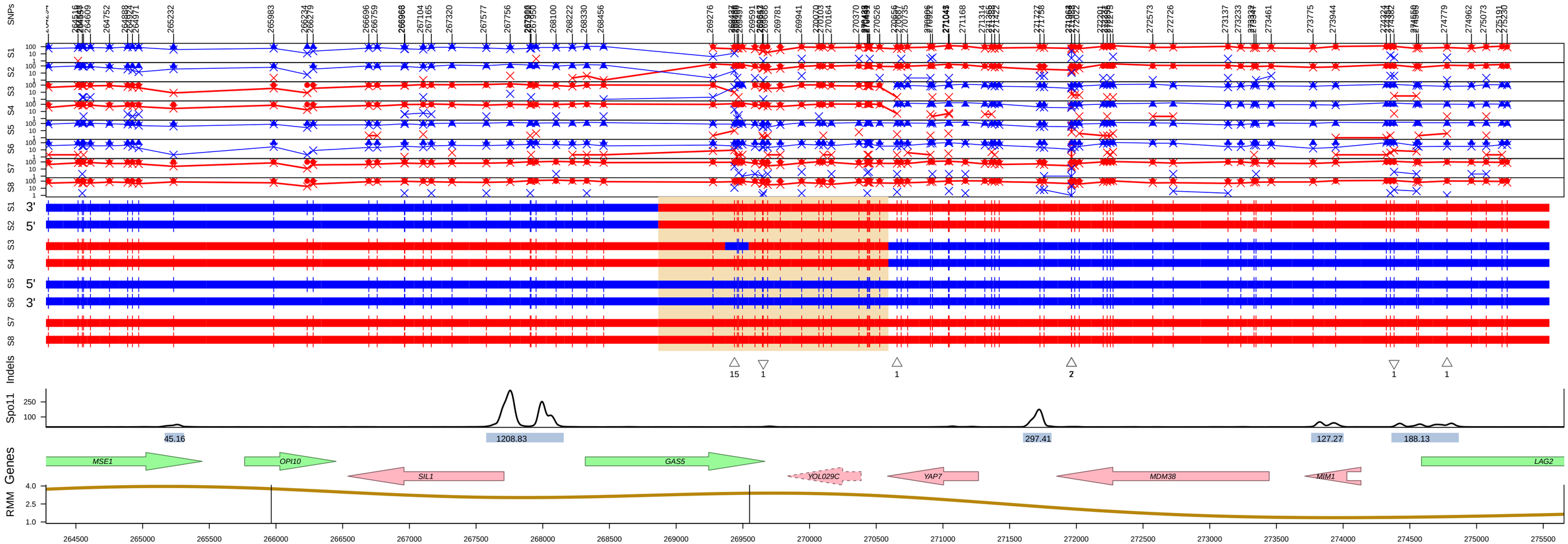
Genotype=OM1 Id=191 Chromo=15 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(6:2)_(4:4aCO)
Mid Len=1048bp Midpoint=462062.75 Variants=7
Red=S288c, Blue=SK1



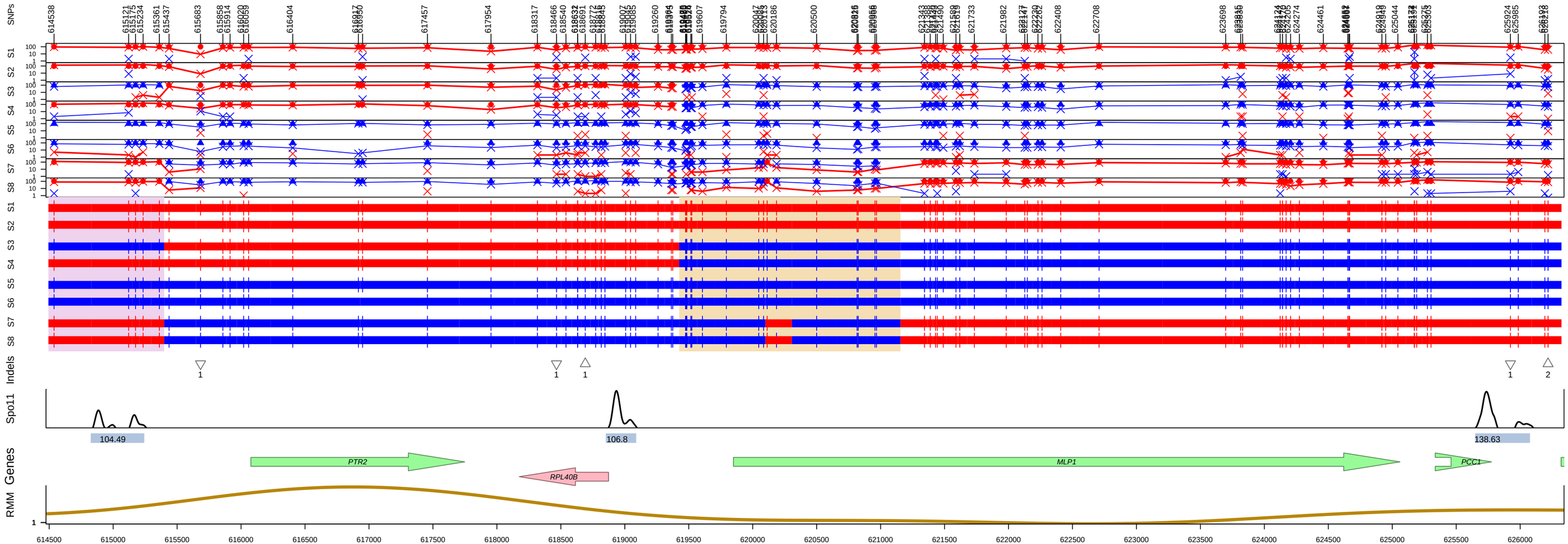
Genotype=OM1 Id=181 Chromo=14 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4)_(5:3)_(4:4aCO)
Mid Len=1222bp Midpoint=643962.25 Variants=4
Red=S288c, Blue=SK1



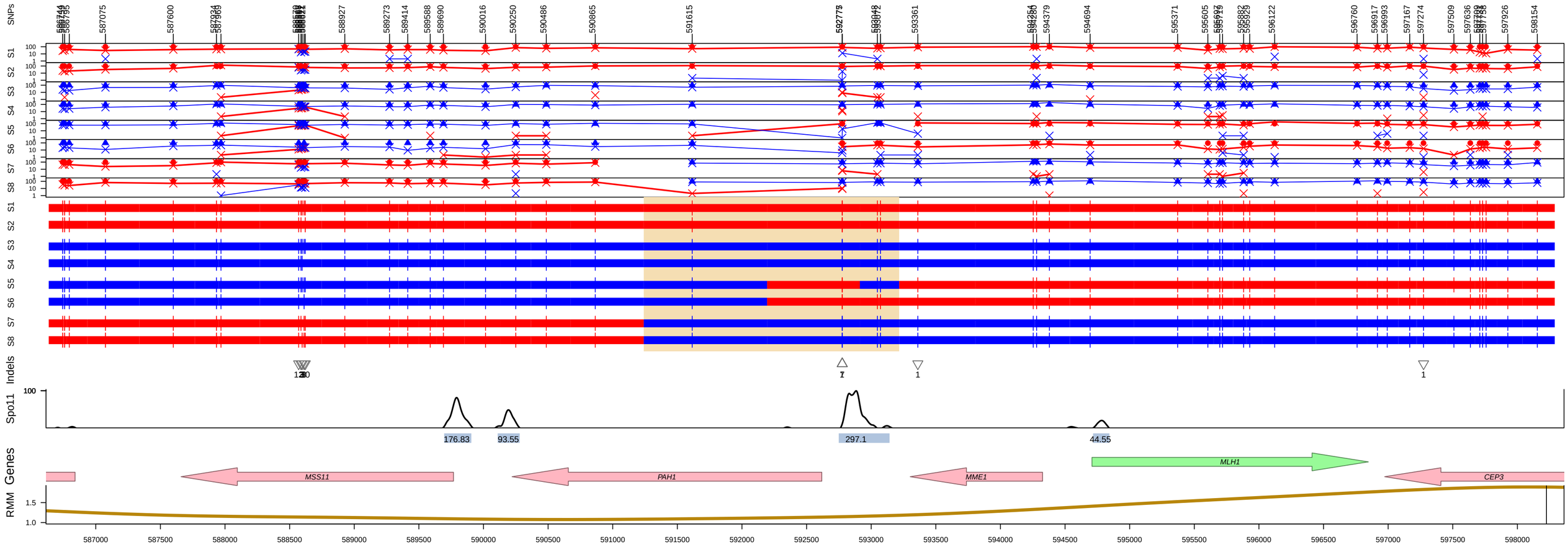
Genotype=OM1 Id=70 Chromo=6 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(6:2)_(4:4aCO)
Mid Len=1380bp Midpoint=205057.75 Variants=20
Red=S288c, Blue=SK1



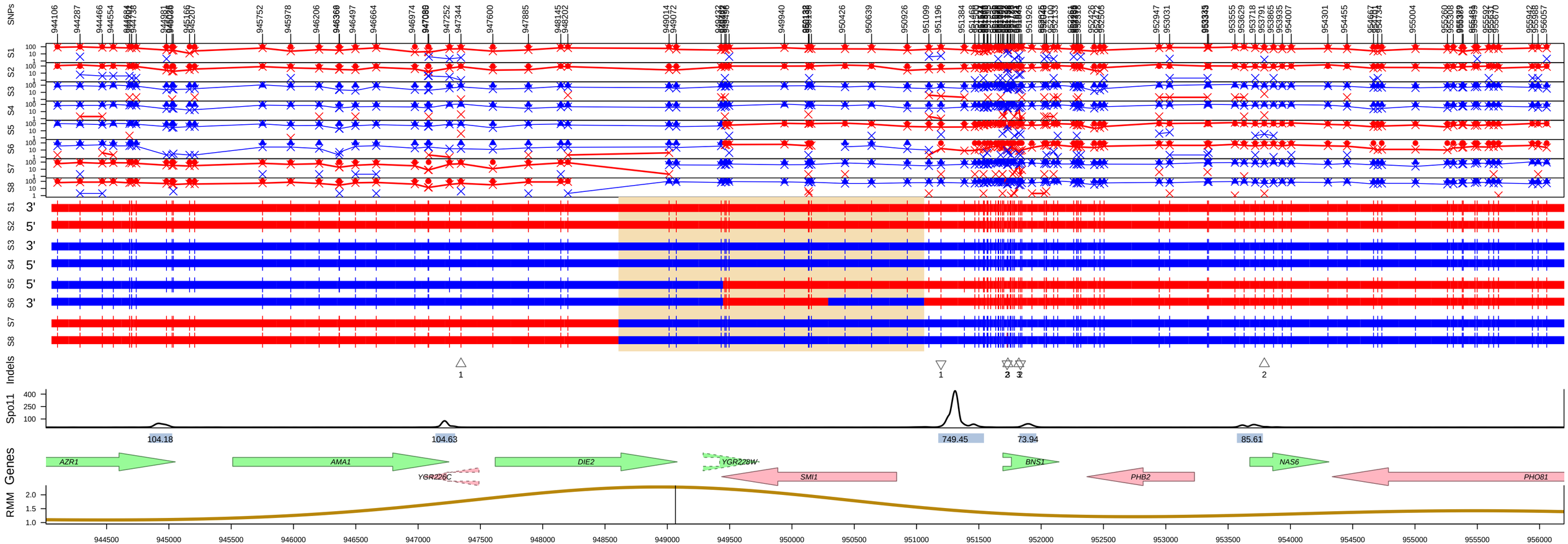
Genotype=OM1 Id=189 Chromo=15 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(5:3)_(6:2)_(4:4aCO)
Mid Len=1725bp Midpoint=269728.5 Variants=19
Red=S288c, Blue=SK1



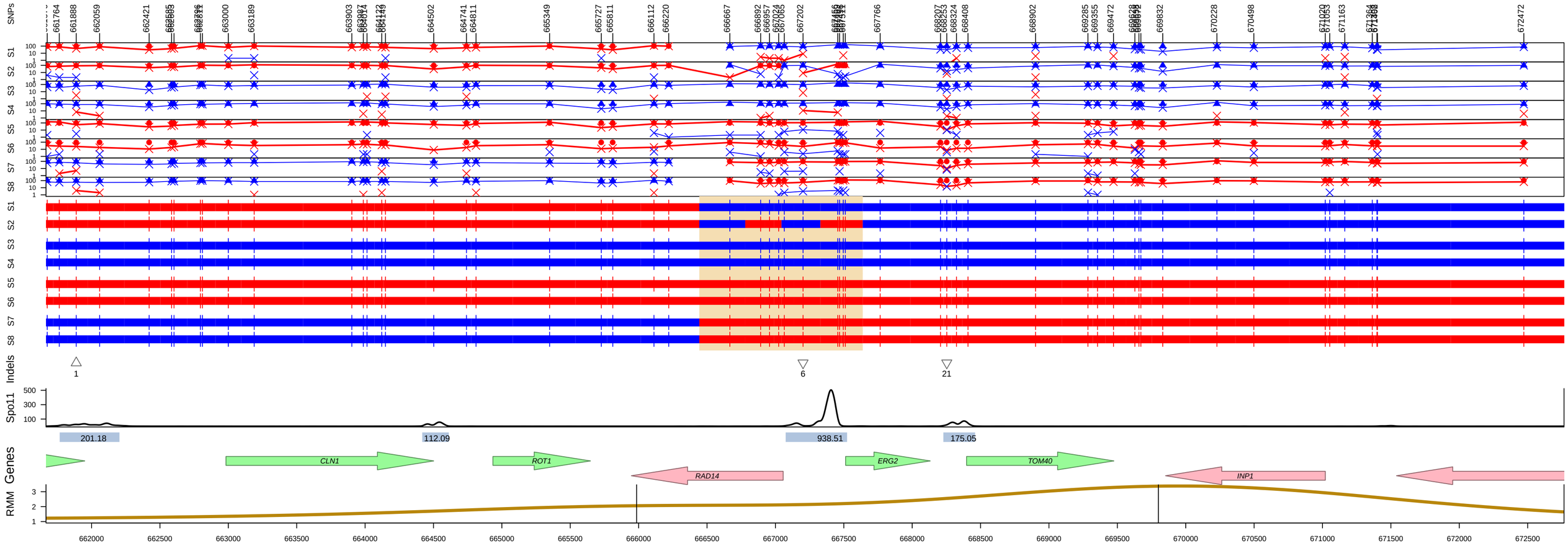
Genotype=OM1 Id=137 Chromo=11 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)_(2:6)_(4:4a)
Mid Len=1730bp Midpoint=620290.25 Variants=15
Red=S288c, Blue=SK1



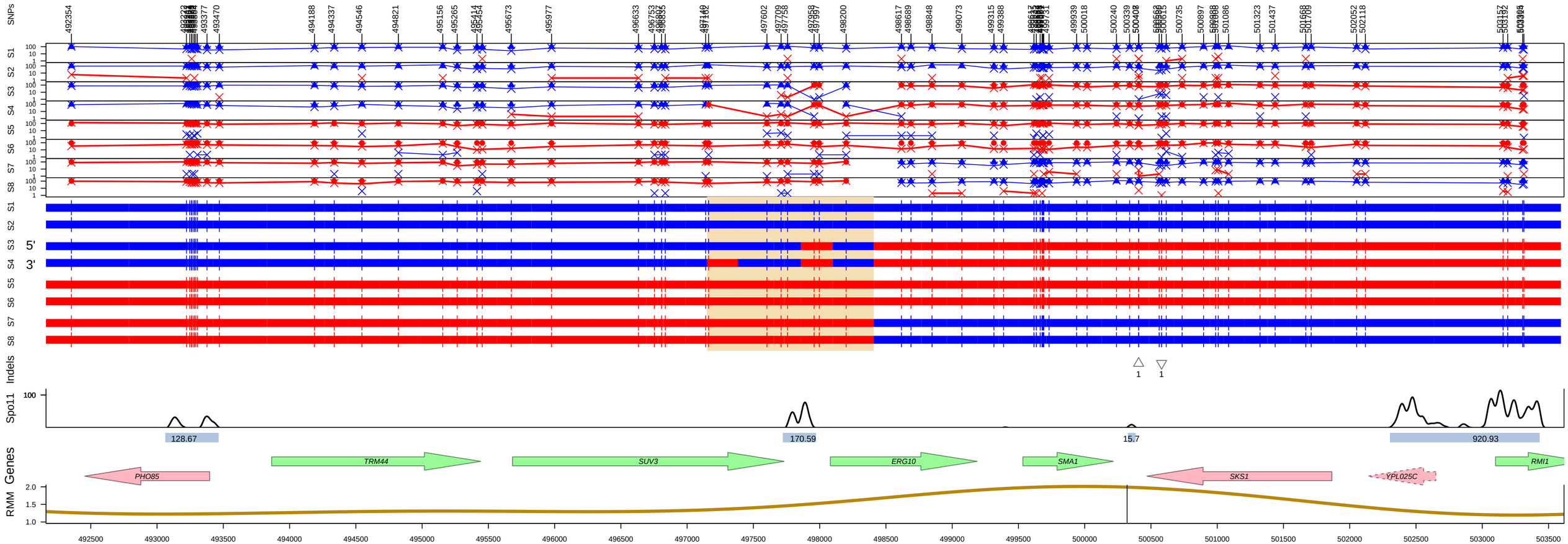
Genotype=OM1 Id=161 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)_(3:5)_(4:4a)
Mid Len=1976bp Midpoint=592228.25 Variants=5
Red=S288c, Blue=SK1



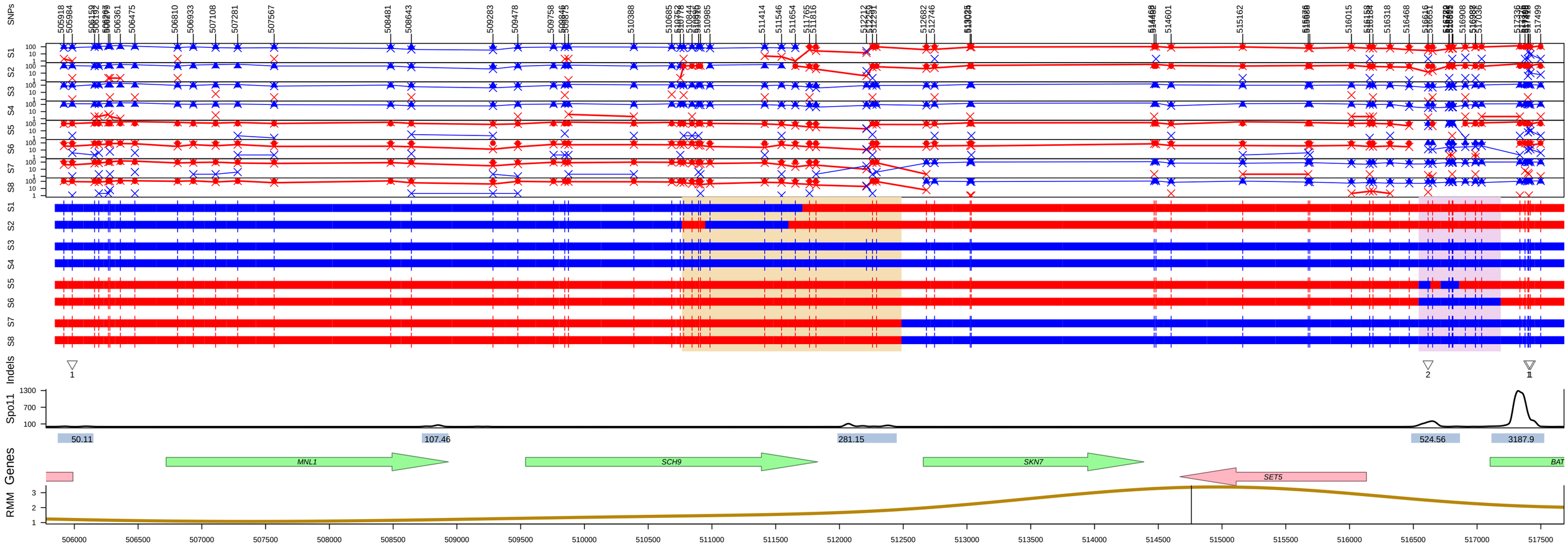
Genotype=OM1 Id=94 Chromo=7 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)_(3:5)_(4:4a)
Mid Len=2453bp Midpoint=949834.5 Variants=13
Red=S288c, Blue=SK1



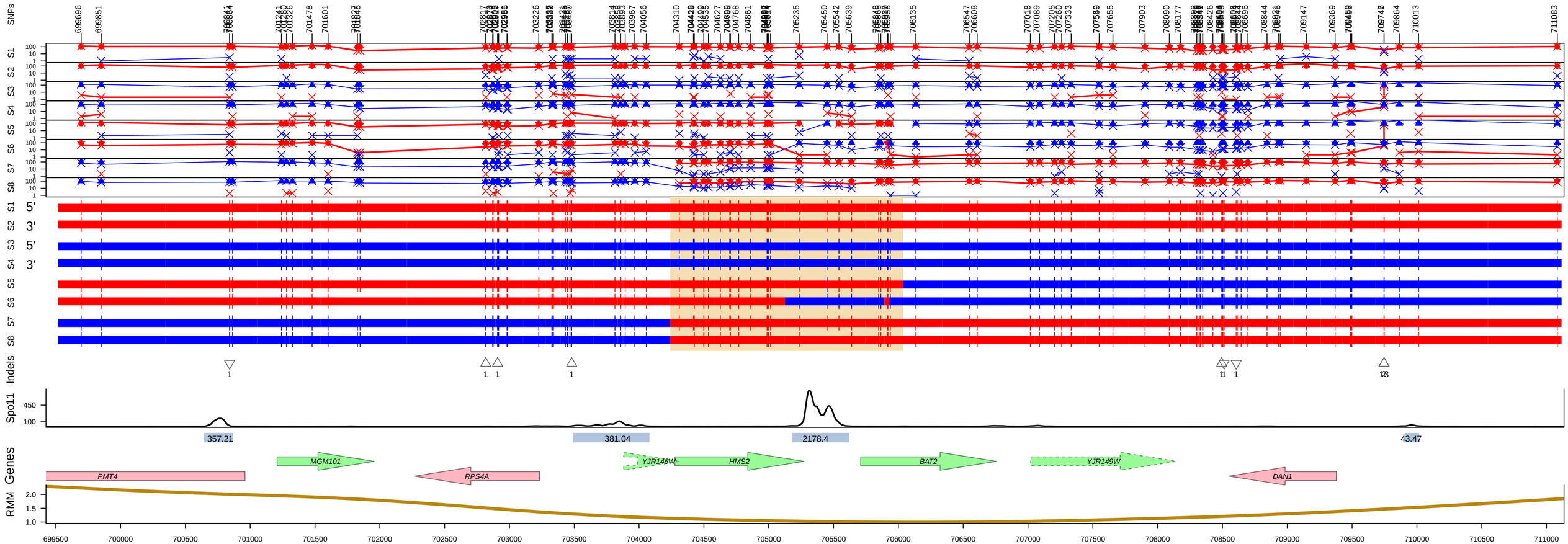
Genotype=OM1 Id=163 Chromo=13 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(5:3)_(4:4a)_(5:3)_(4:4a)
Mid Len=1195bp Midpoint=667041 Variants=10
Red=S288c, Blue=SK1



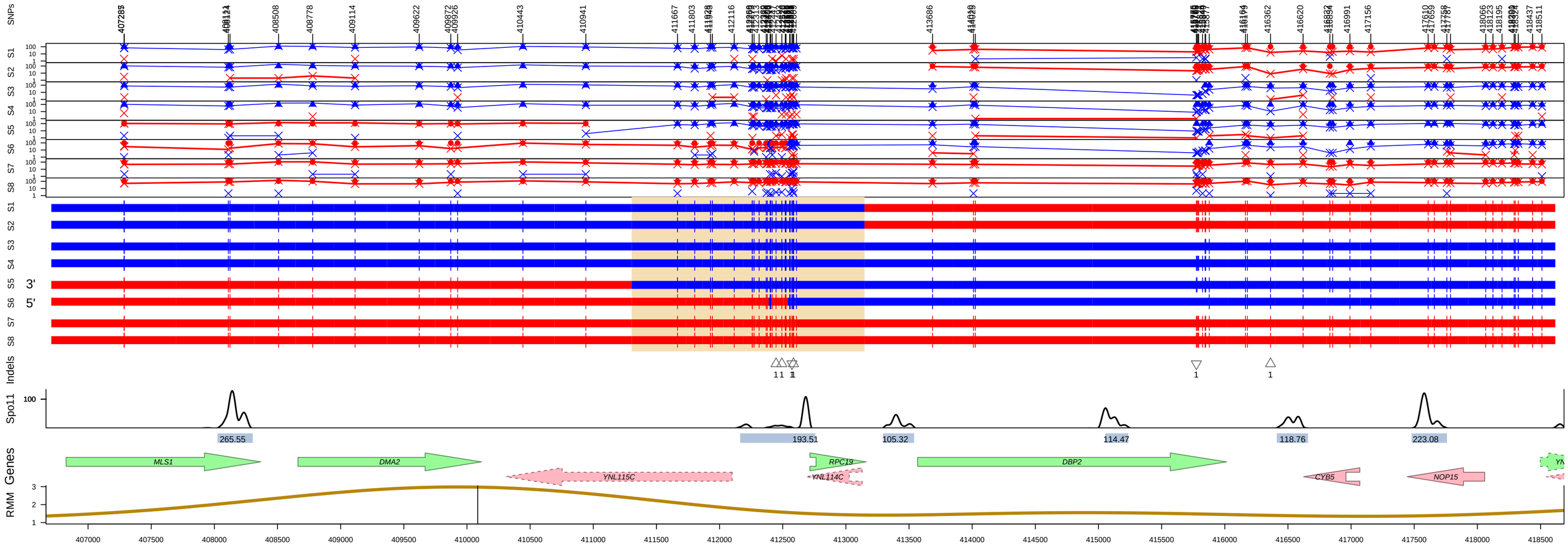
Genotype=OM1 Id=206 Chromo=16 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(6:2)_(4:4)_(4:4aCO)
Mid Len=1258bp Midpoint=497779.75 Variants=7
Red=S288c, Blue=SK1



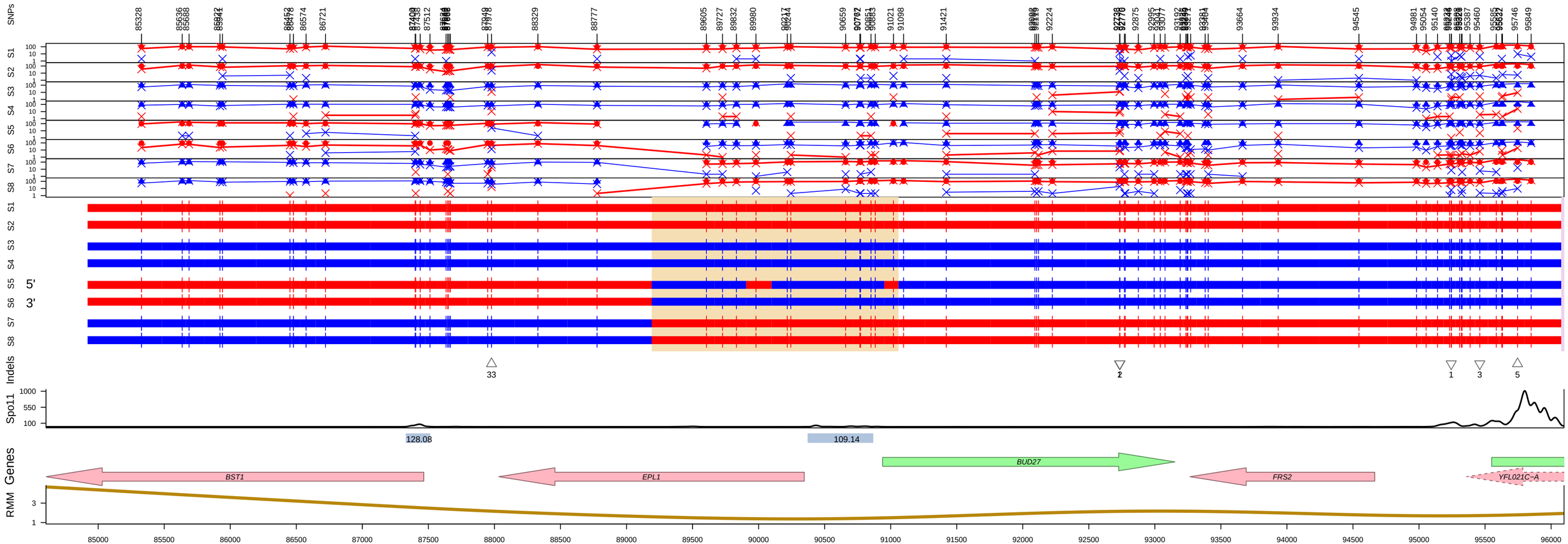
Genotype=OM1 Id=104 Chromo=8 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(5:3)_(6:2)_(4:4aCO)
Mid Len=1722bp Midpoint=511625.75 Variants=12
Red=S288c, Blue=SK1



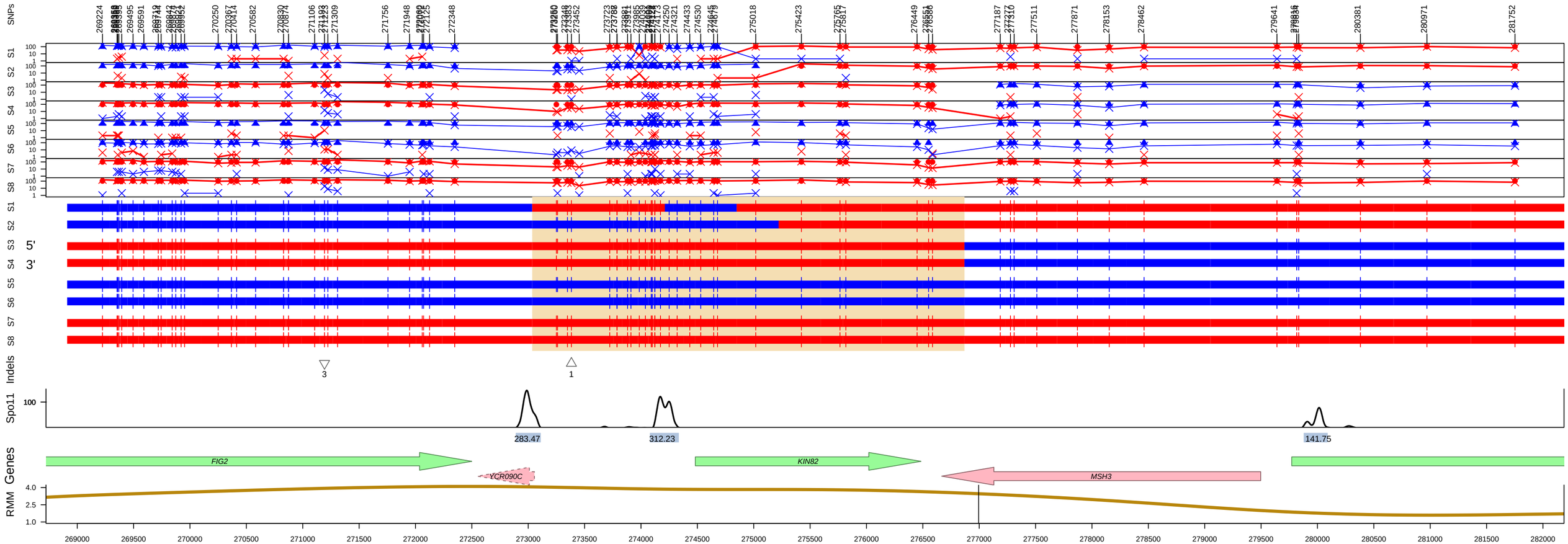
Genotype=OM1 Id=125 Chromo=10 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(5:3)_(6:2)_(5:3)_(4:4aCO)
Mid Len=1796bp Midpoint=705138.5 Variants=17
Red=S288c, Blue=SK1



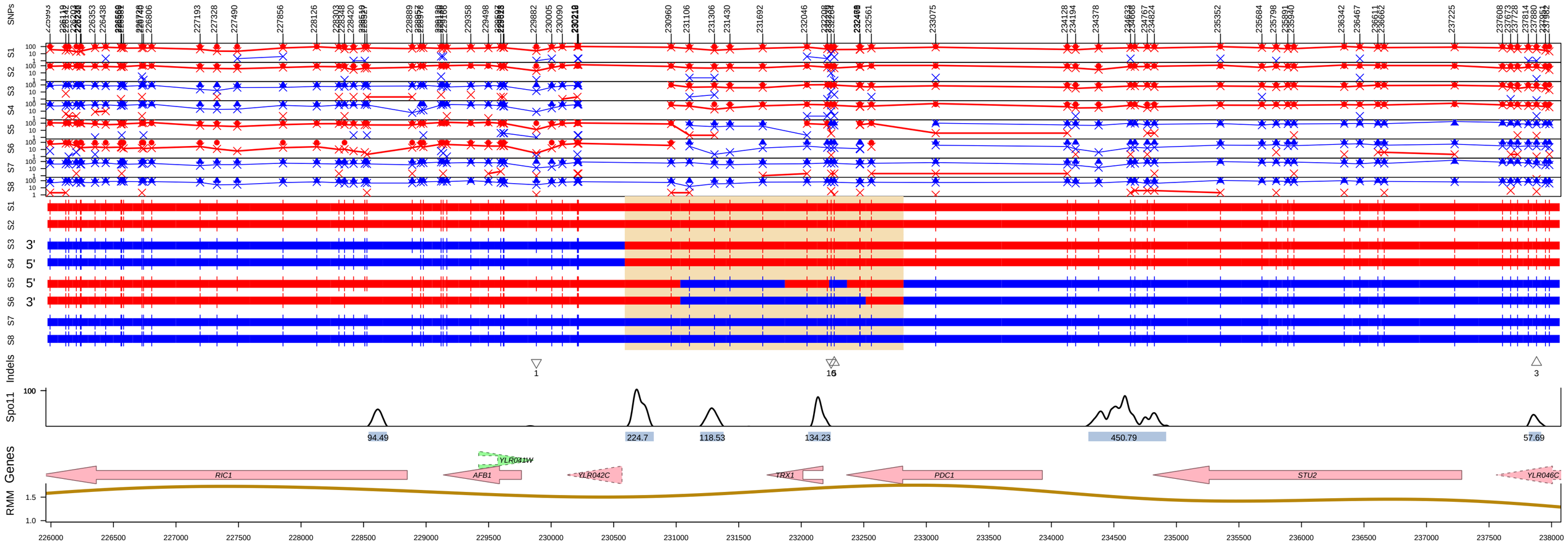
Genotype=OM1 Id=177 Chromo=14 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(2:6)_(3:5)_(2:6)_(4:4aCO)
Mid Len=1844bp Midpoint=412225.75 Variants=25
Red=S288c, Blue=SK1



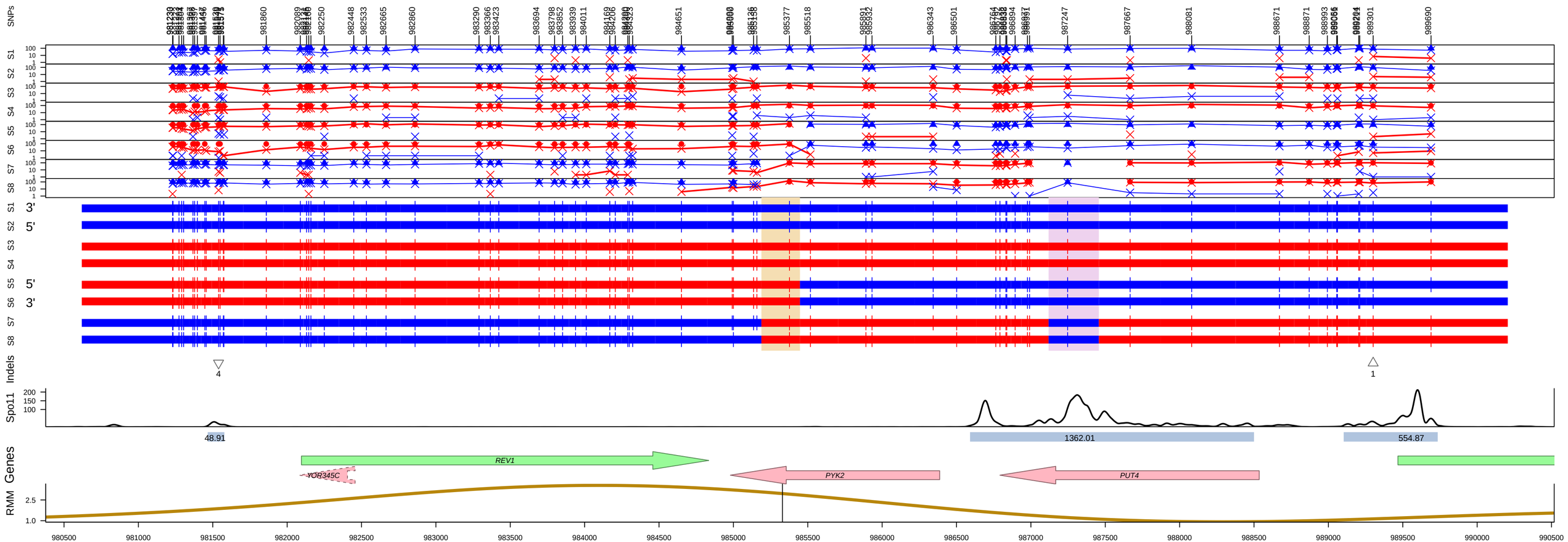
Genotype=OM1 Id=67 Chromo=6 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)_(5:3)_(4:4a)_(5:3)_(4:4a)
Mid Len=1868bp Midpoint=90125.25 Variants=12
Red=S288c, Blue=SK1



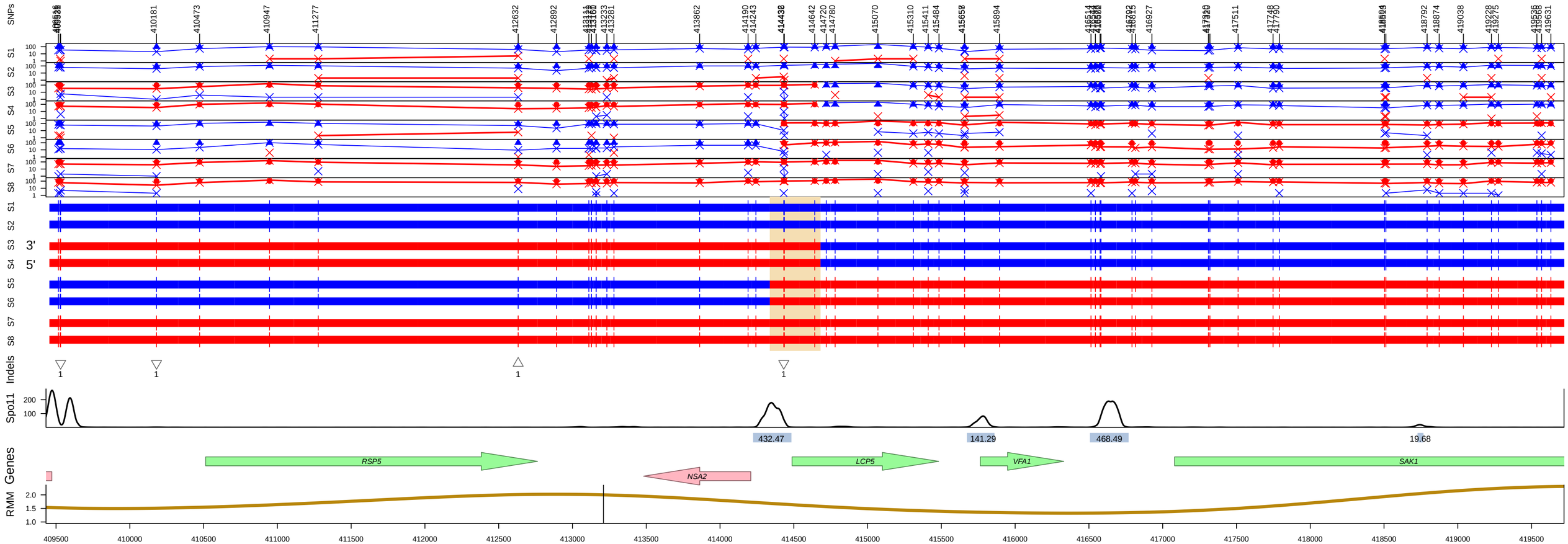
Genotype=OM1 Id=33 Chromo=3 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(5:3)_(6:2)_(4:4aCO)
Mid Len=3834bp Midpoint=274952.25 Variants=23
Red=S288c, Blue=SK1



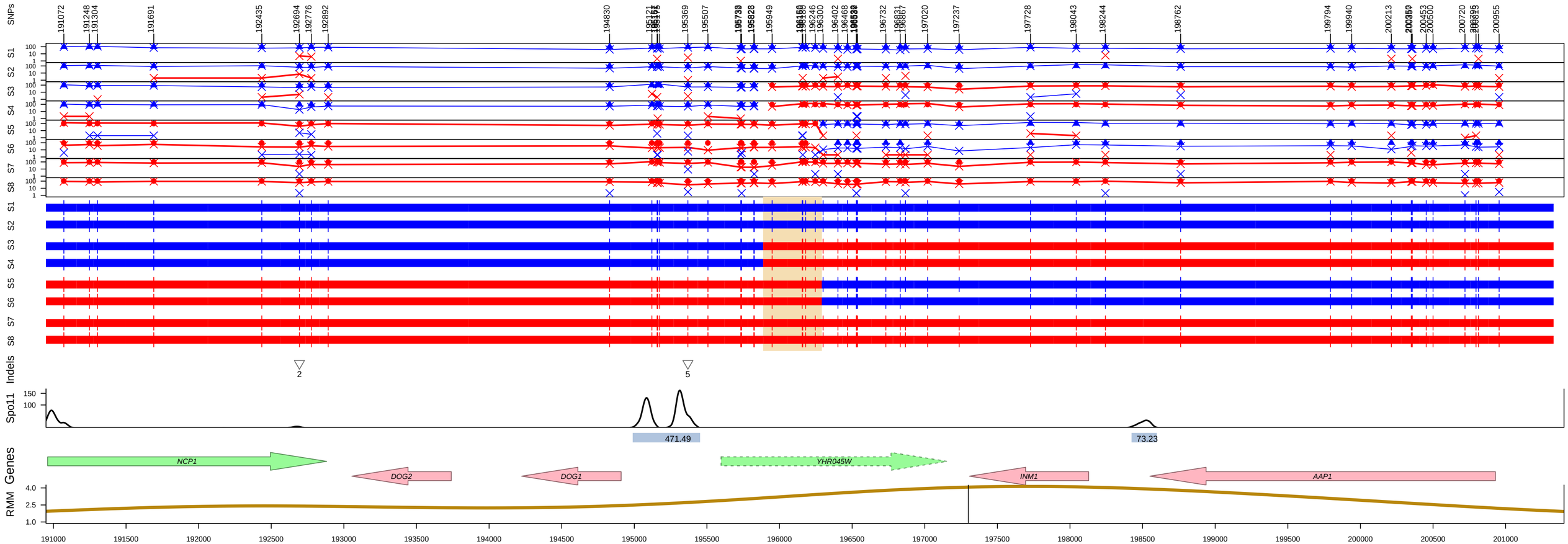
Genotype=OM1 Id=141 Chromo=12 Type=One−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)_(5:3)_(4:4a)_(5:3)_(6:2)_(4:4a)
Mid Len=2229bp Midpoint=231703.5 Variants=11
Red=S288c, Blue=SK1



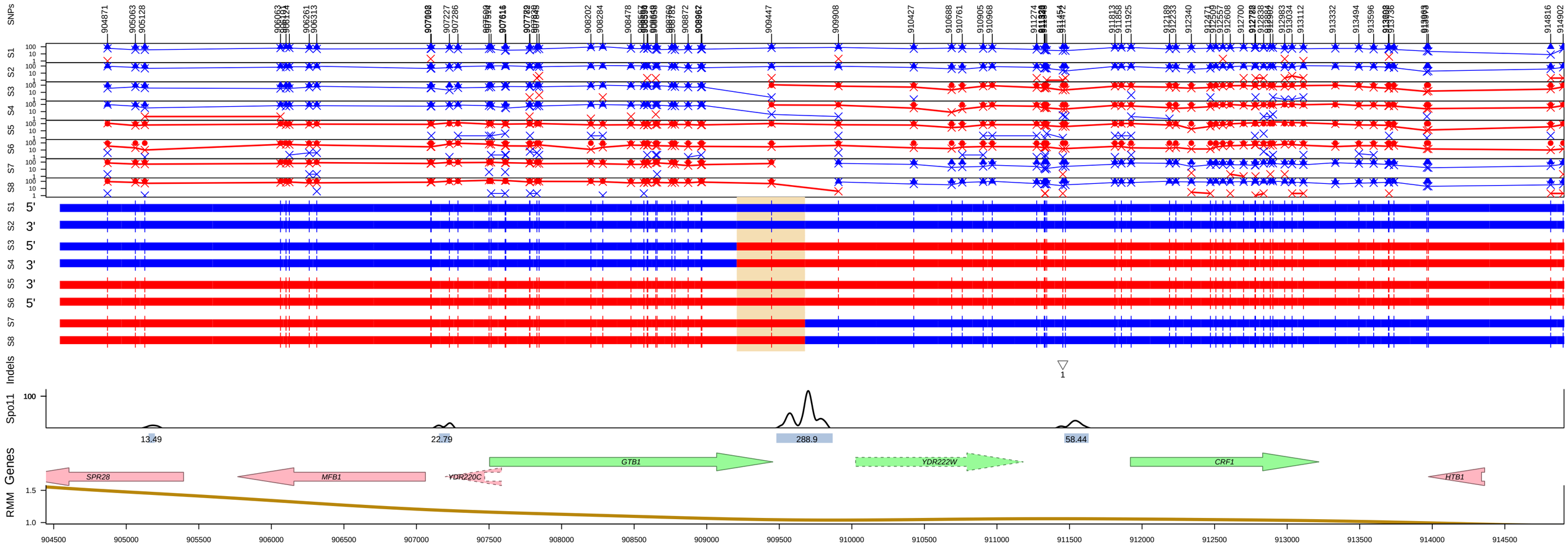
Genotype=OM1 Id=197 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=259bp Midpoint=985318 Variants=1
Red=S288c, Blue=SK1



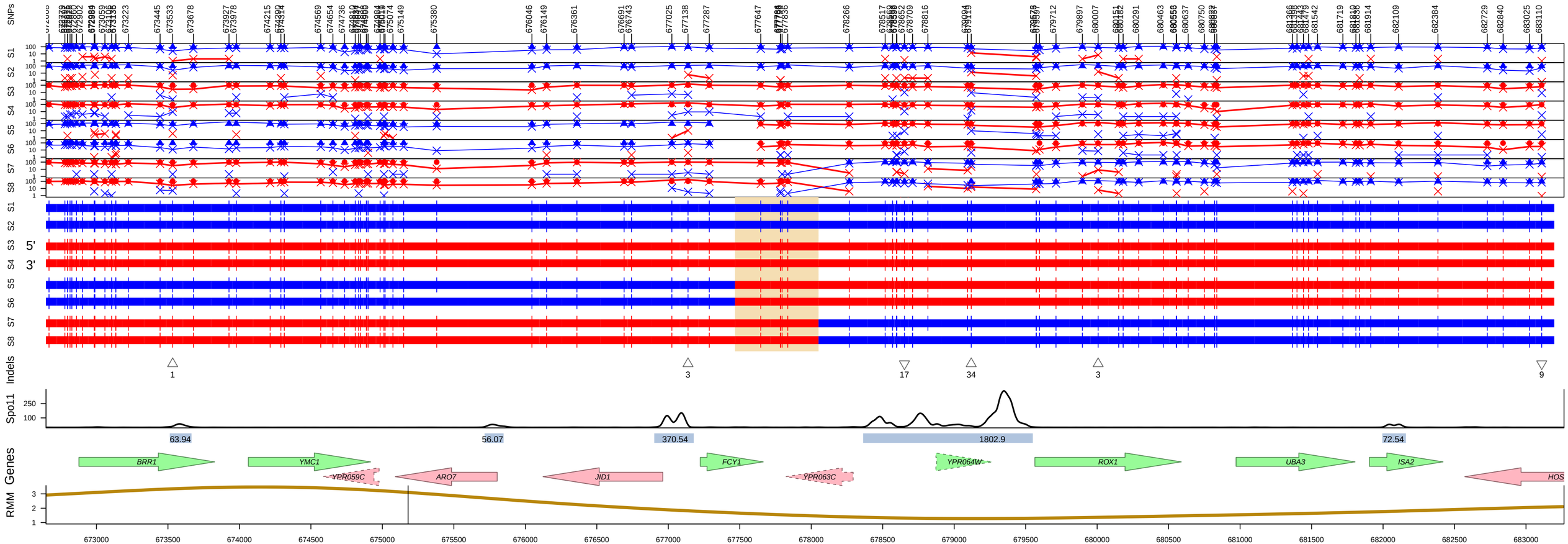
Genotype=OM1 Id=62 Chromo=5 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=344bp Midpoint=414509.25 Variants=3
Red=S288c, Blue=SK1



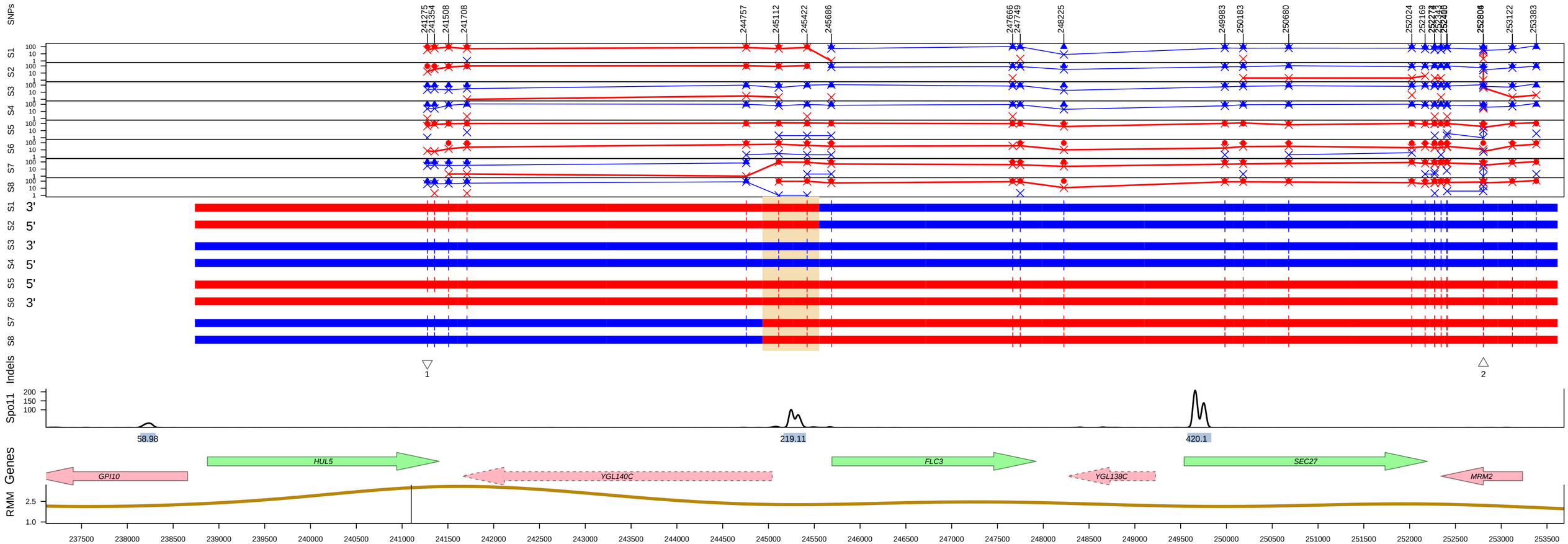
Genotype=OM1 Id=99 Chromo=8 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=404bp Midpoint=196089.25 Variants=3
Red=S288c, Blue=SK1



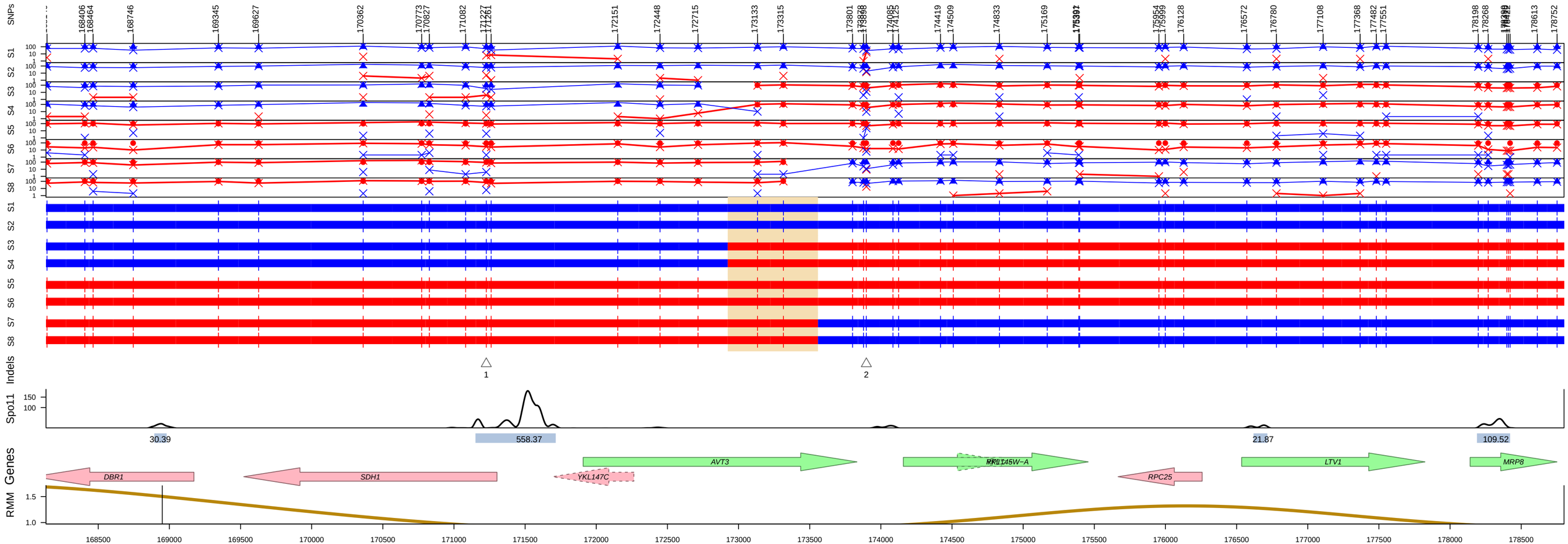
Genotype=OM1 Id=47 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=470bp Midpoint=909442.25 Variants=1
Red=S288c, Blue=SK1



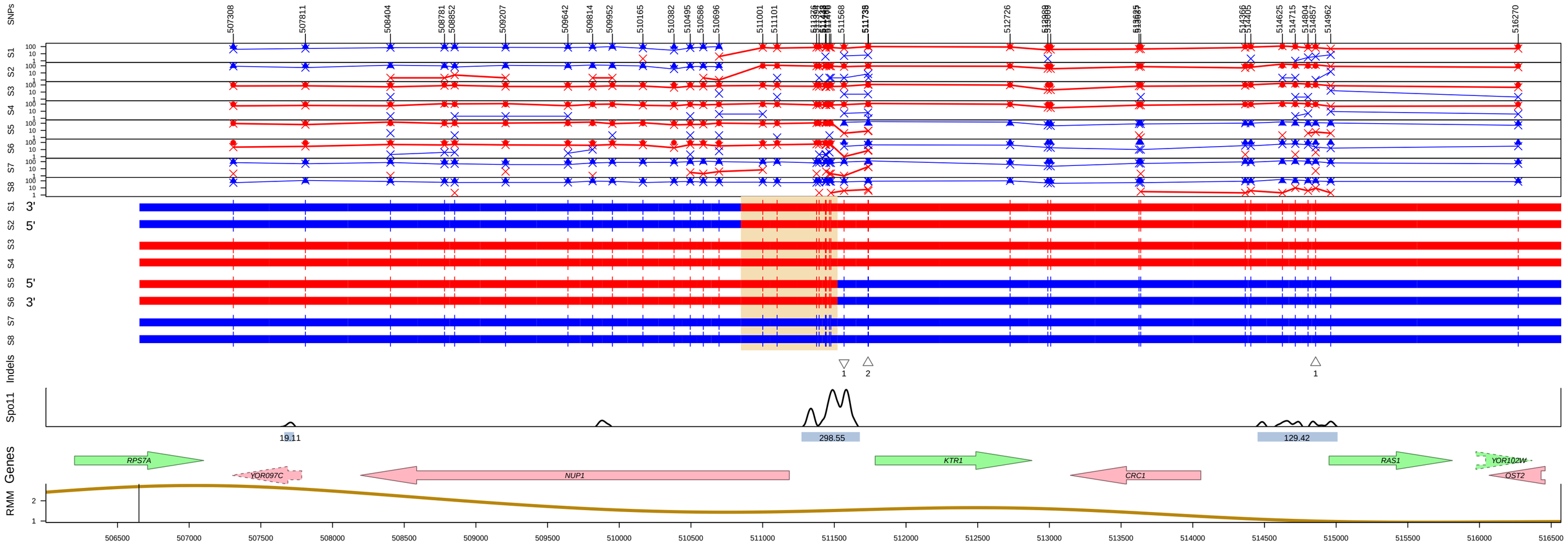
Genotype=OM1 Id=208 Chromo=16 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=584bp Midpoint=677759 Variants=5
Red=S288c, Blue=SK1



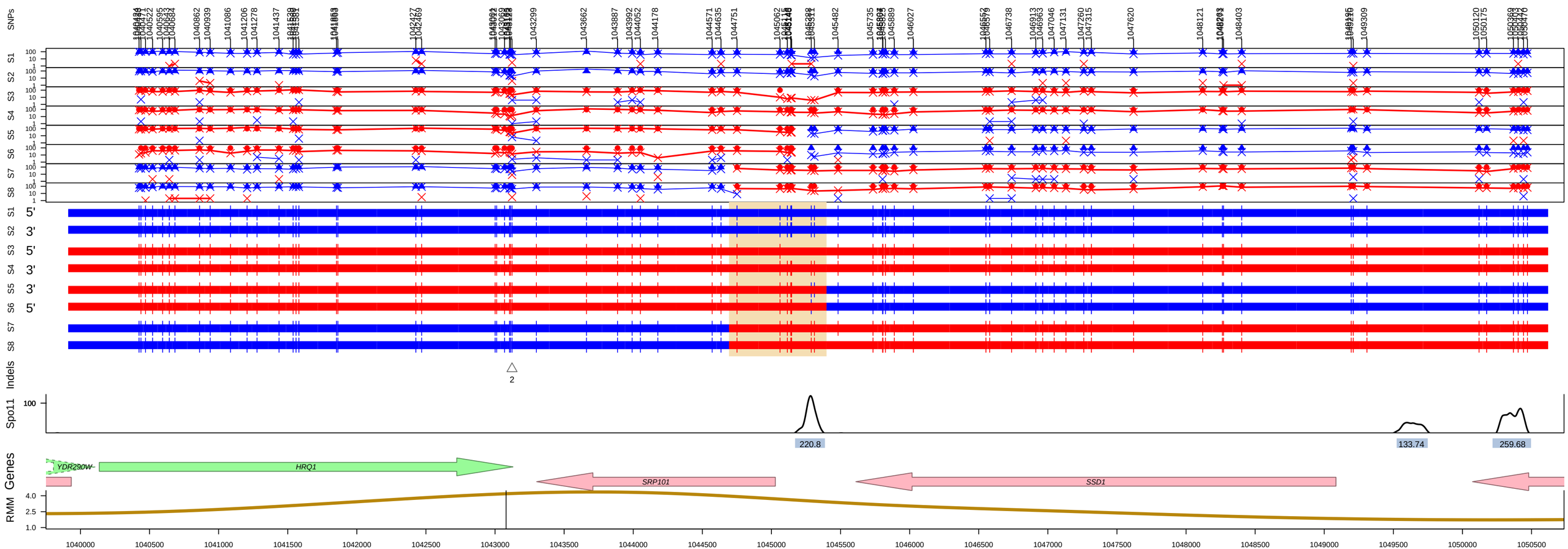
Genotype=OM1 Id=79 Chromo=7 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=620bp Midpoint=245244.25 Variants=2
Red=S288c, Blue=SK1



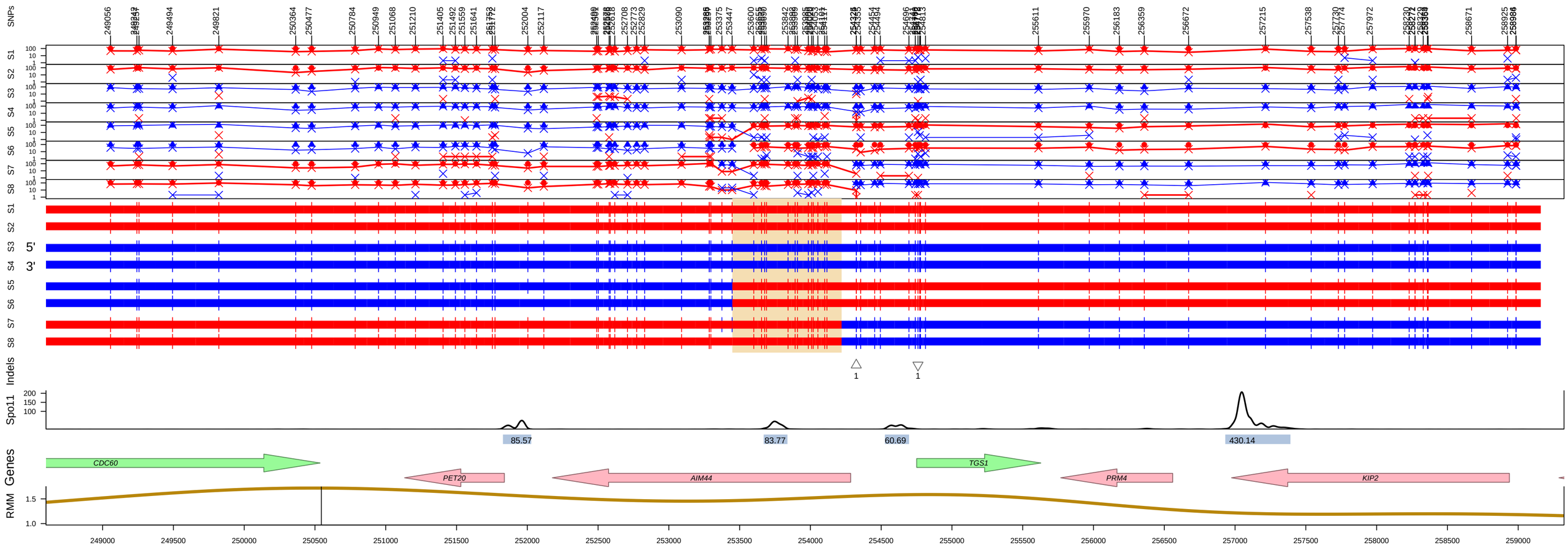
Genotype=OM1 Id=129 Chromo=11 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=634bp Midpoint=173241 Variants=2
Red=S288c, Blue=SK1



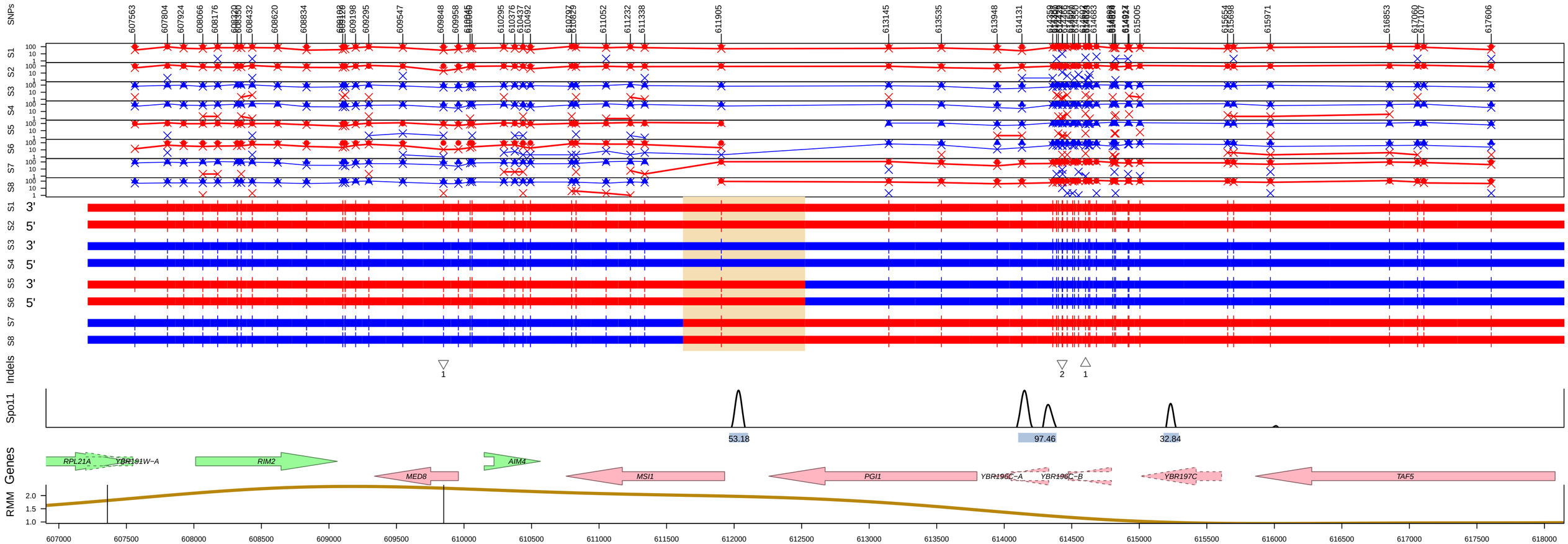
Genotype=OM1 Id=193 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=674bp Midpoint=511185.25 Variants=8
Red=S288c, Blue=SK1



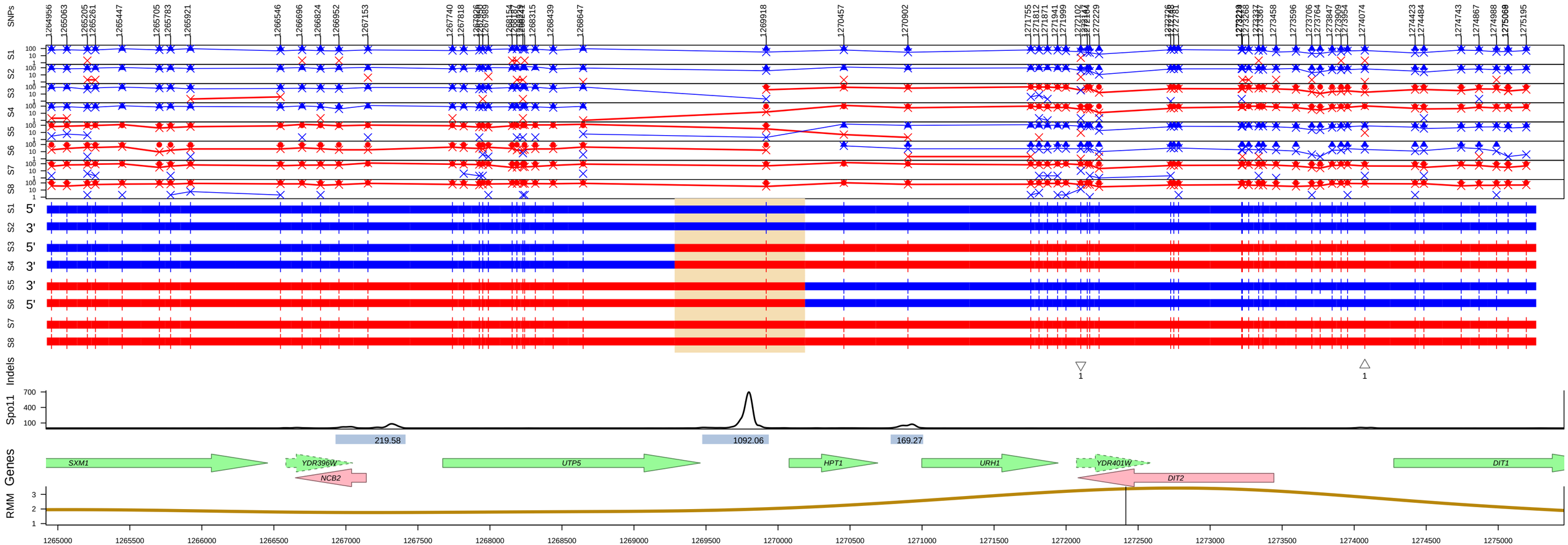
Genotype=OM1 Id=50 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=706bp Midpoint=1045045.75 Variants=2
Red=S288c, Blue=SK1



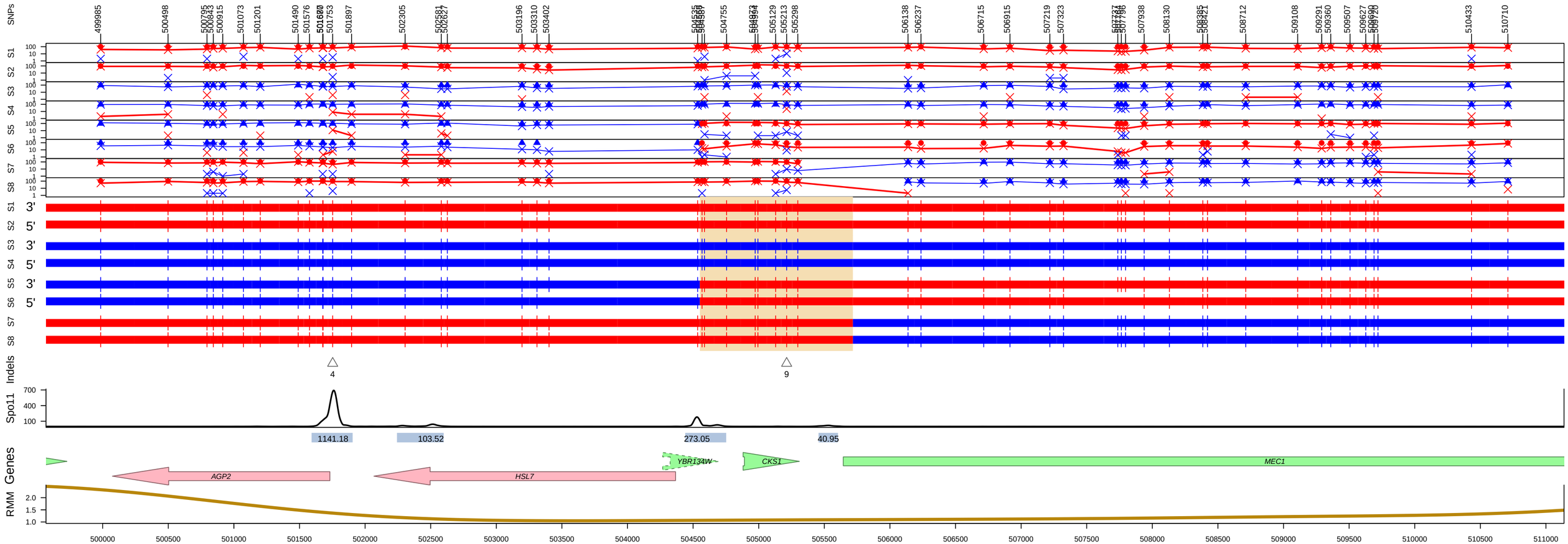
Genotype=OM1 Id=203 Chromo=16 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=772bp Midpoint=253834.5 Variants=13
Red=S288c, Blue=SK1



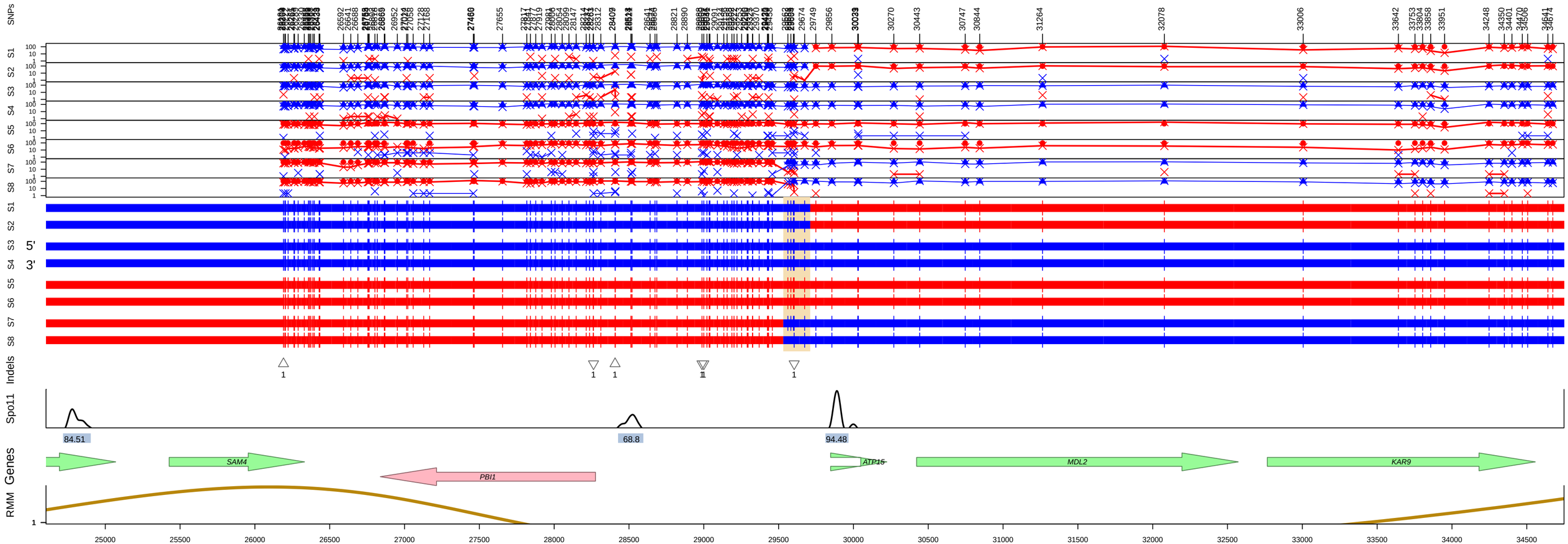
Genotype=OM1 Id=19 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=904bp Midpoint=612073.25 Variants=1
Red=S288c, Blue=SK1



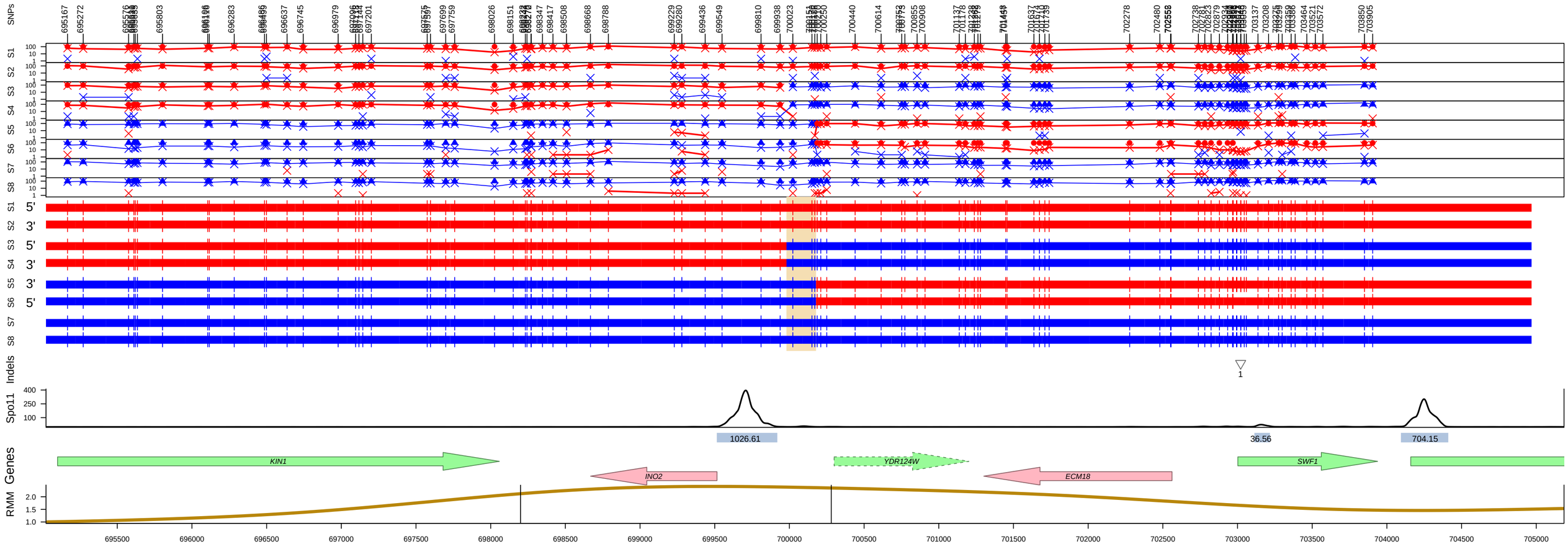
Genotype=OM1 Id=53 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=905bp Midpoint=1269735 Variants=1
Red=S288c, Blue=SK1



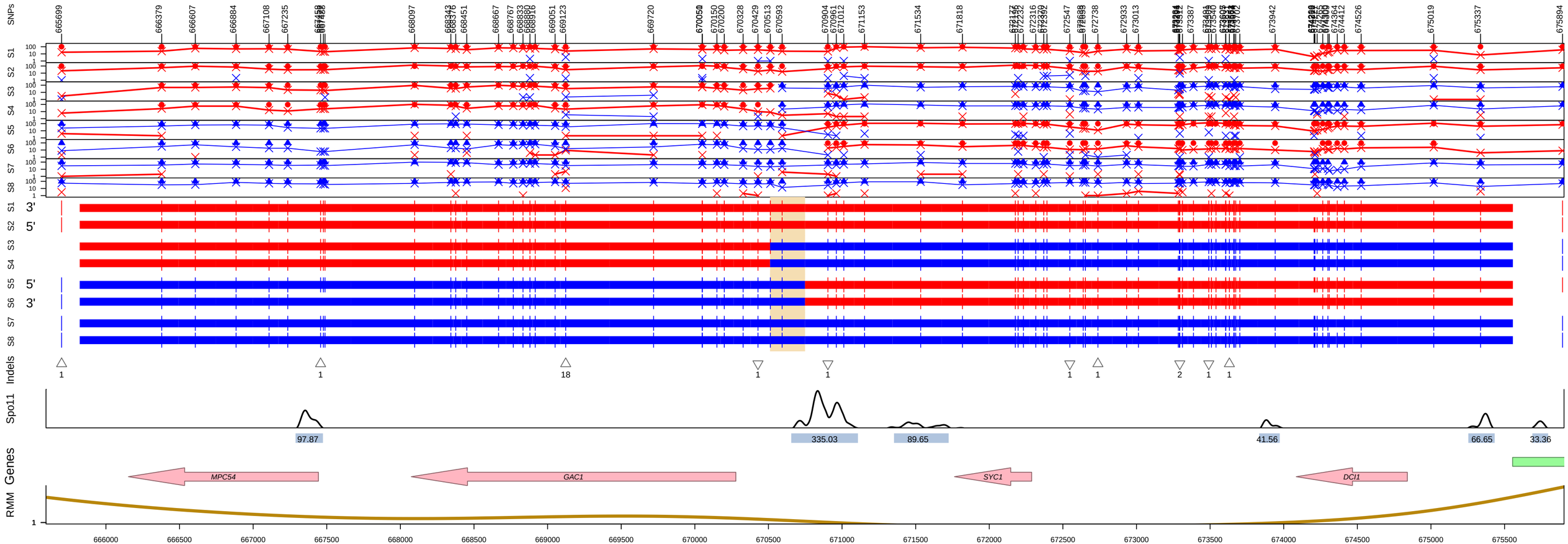
Genotype=OM1 Id=17 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4aCO)
Mid Len=1166bp Midpoint=505134.75 Variants=7
Red=S288c, Blue=SK1



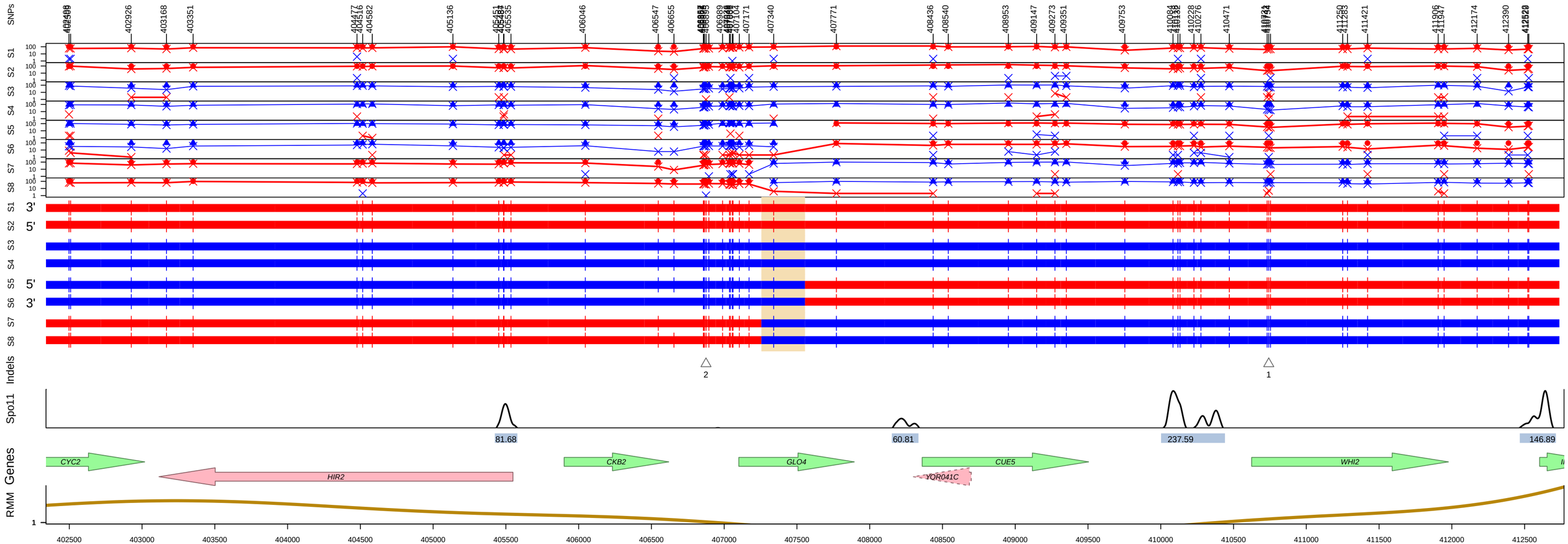
Genotype=OM1 Id=200 Chromo=16 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=180bp Midpoint=29621.25 Variants=2
Red=S288c, Blue=SK1



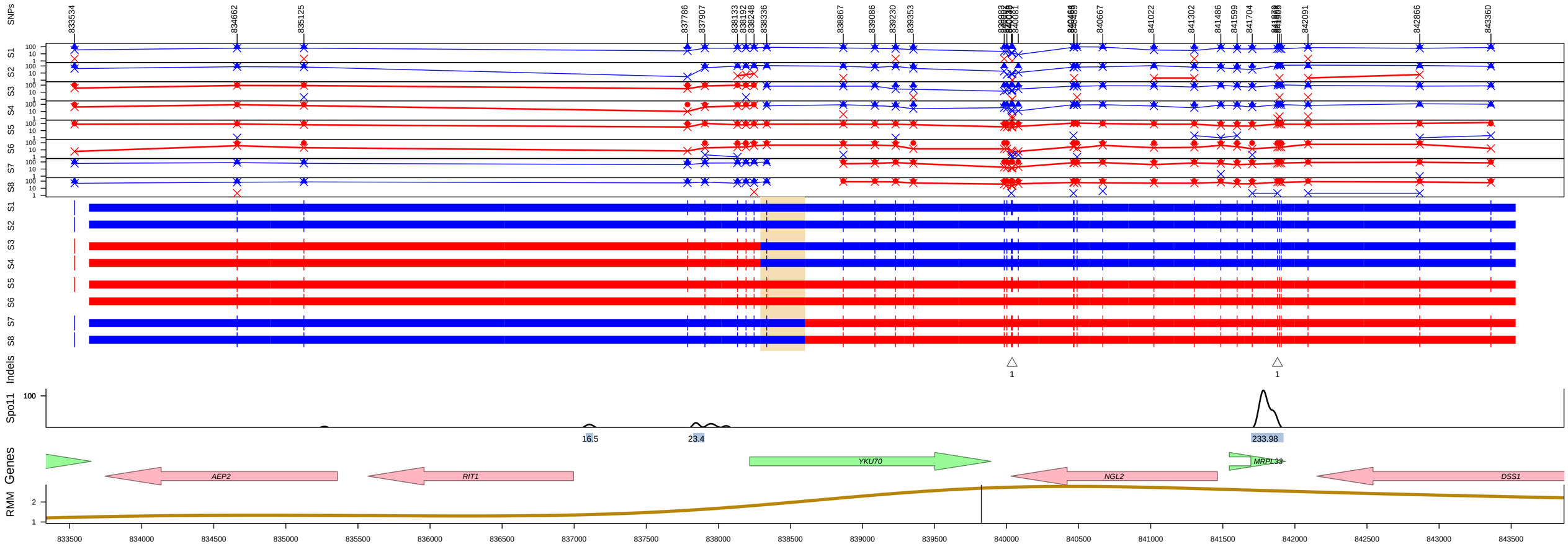
Genotype=OM1 Id=43 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=198bp Midpoint=700079.25 Variants=3
Red=S288c, Blue=SK1



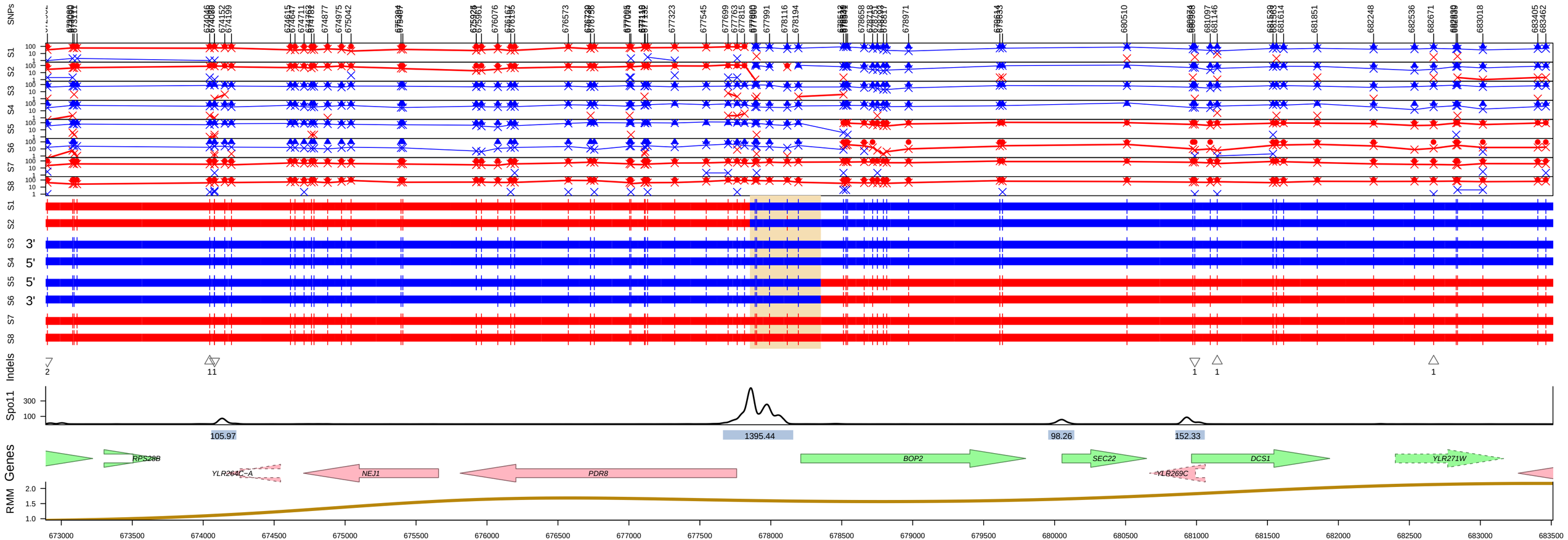
Genotype=OM1 Id=195 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=238bp Midpoint=670629.75 Variants=1
Red=S288c, Blue=SK1



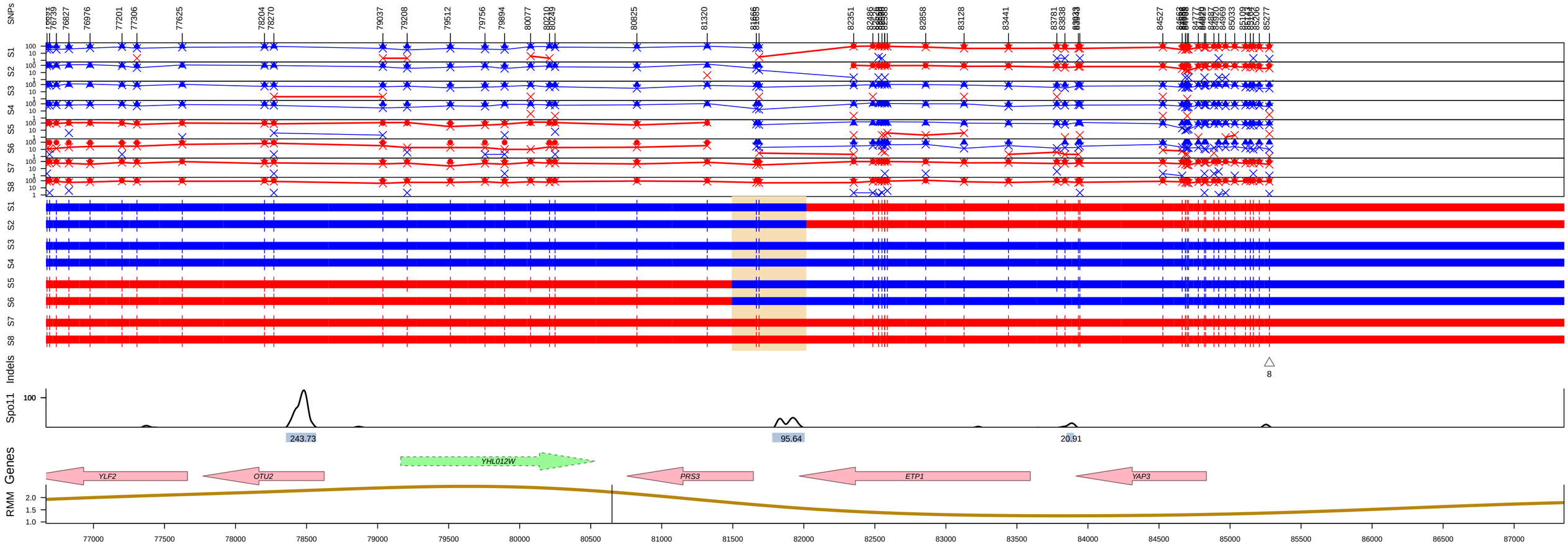
Genotype=OM1 Id=190 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=300bp Midpoint=407405.5 Variants=1
Red=S288c, Blue=SK1



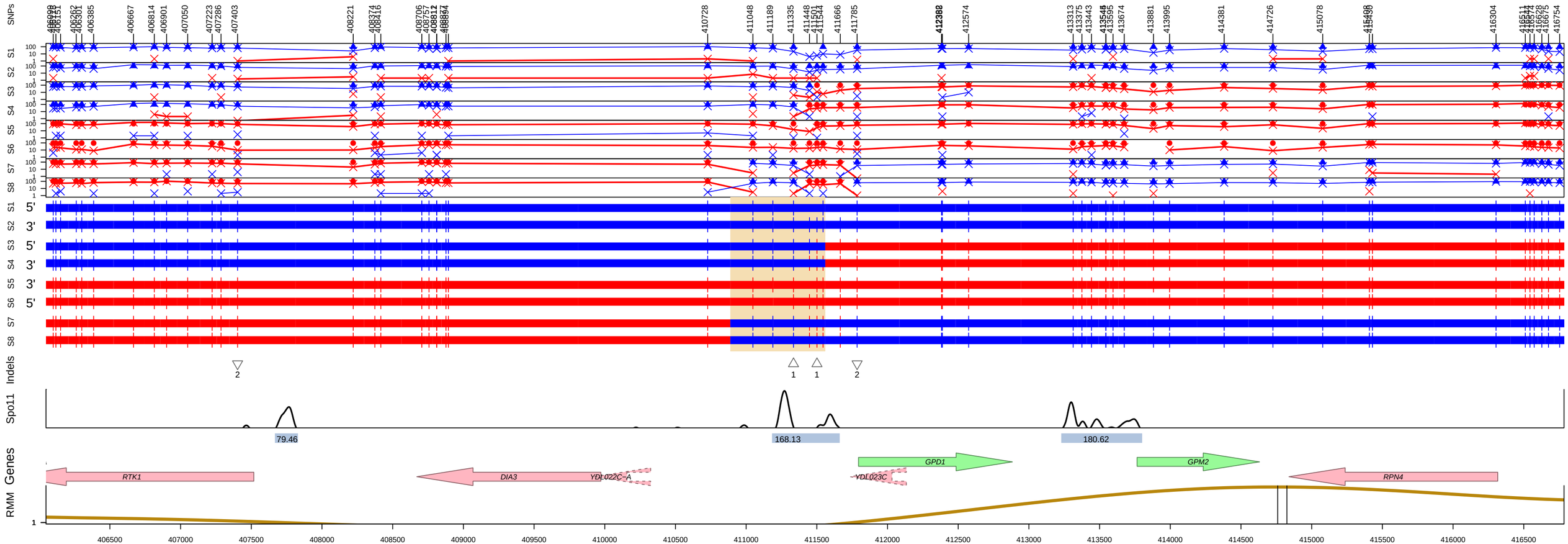
Genotype=OM1 Id=166 Chromo=13 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=310bp Midpoint=838446.75 Variants=1
Red=S288c, Blue=SK1



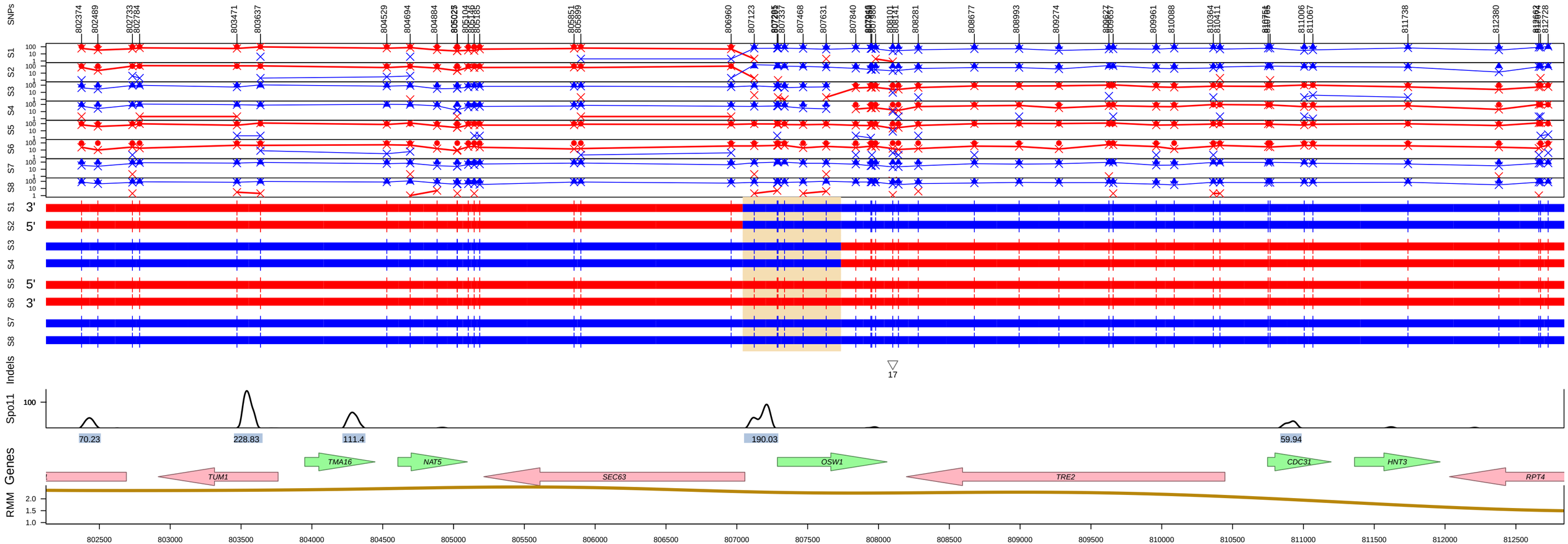
Genotype=OM1 Id=148 Chromo=12 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=500bp Midpoint=678102.75 Variants=4
Red=S288c, Blue=SK1



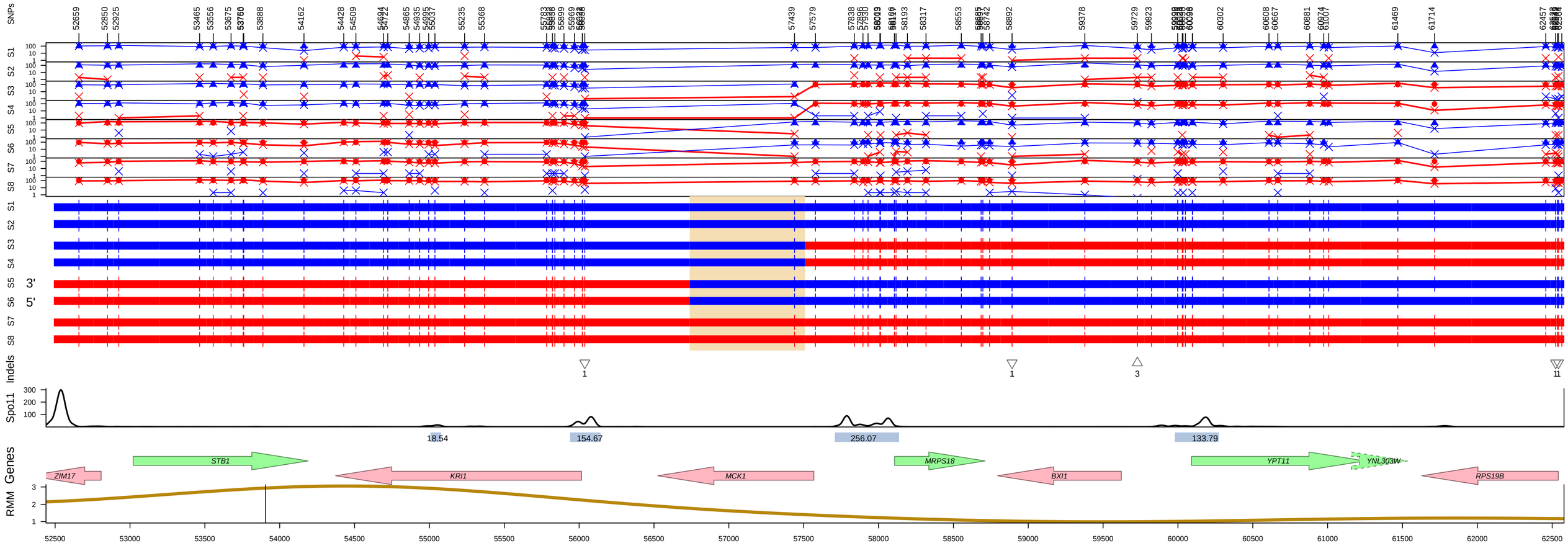
Genotype=OM1 Id=96 Chromo=8 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=525bp Midpoint=81755.5 Variants=2
Red=S288c, Blue=SK1



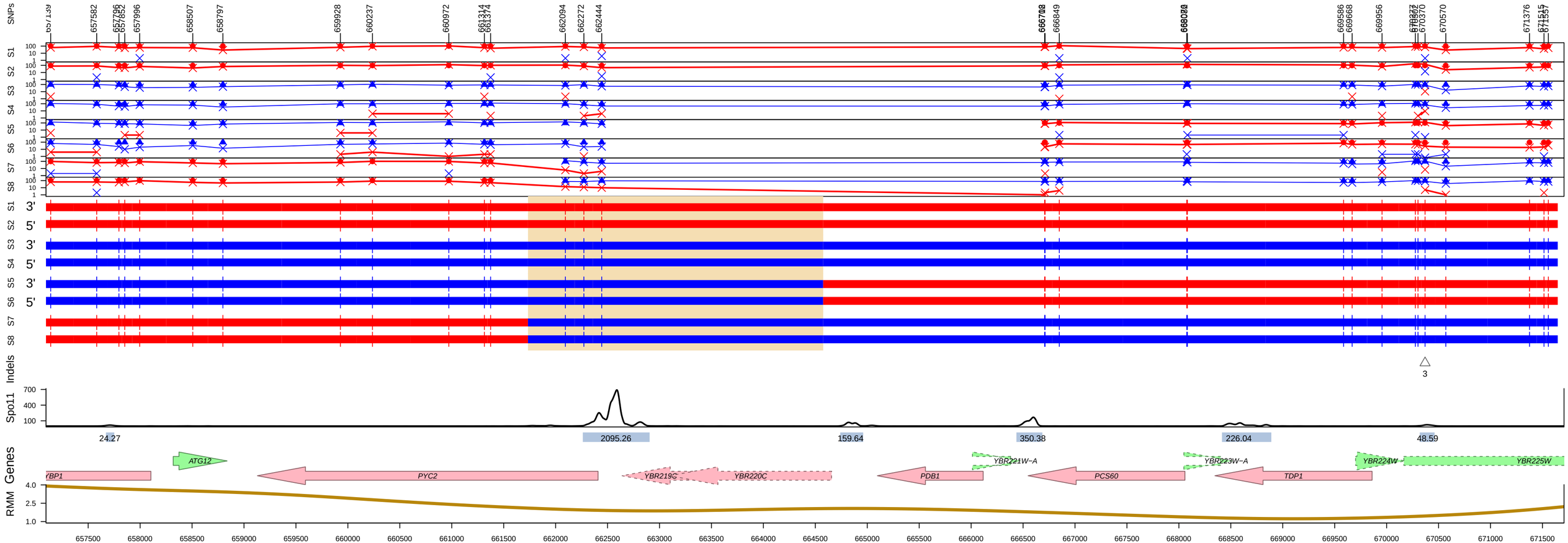
Genotype=OM1 Id=40 Chromo=4 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=672bp Midpoint=411224 Variants=2
Red=S288c, Blue=SK1



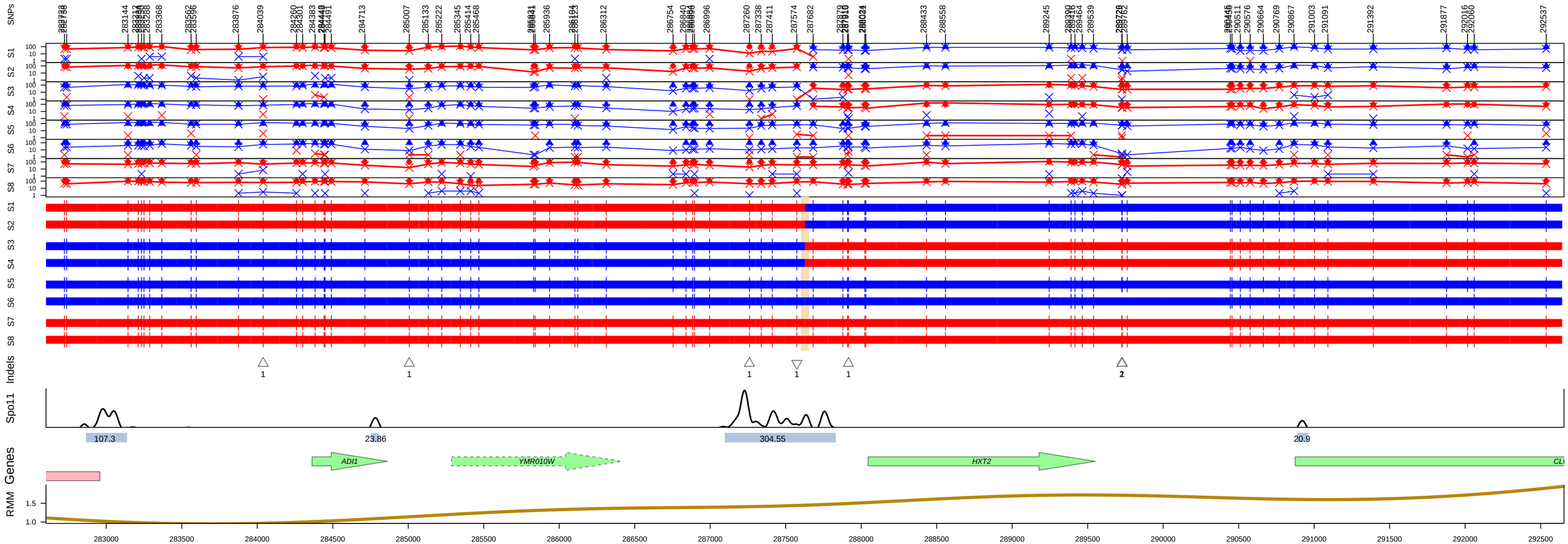
Genotype=OM1 Id=196 Chromo=15 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=694bp Midpoint=807388.5 Variants=6
Red=S288c, Blue=SK1



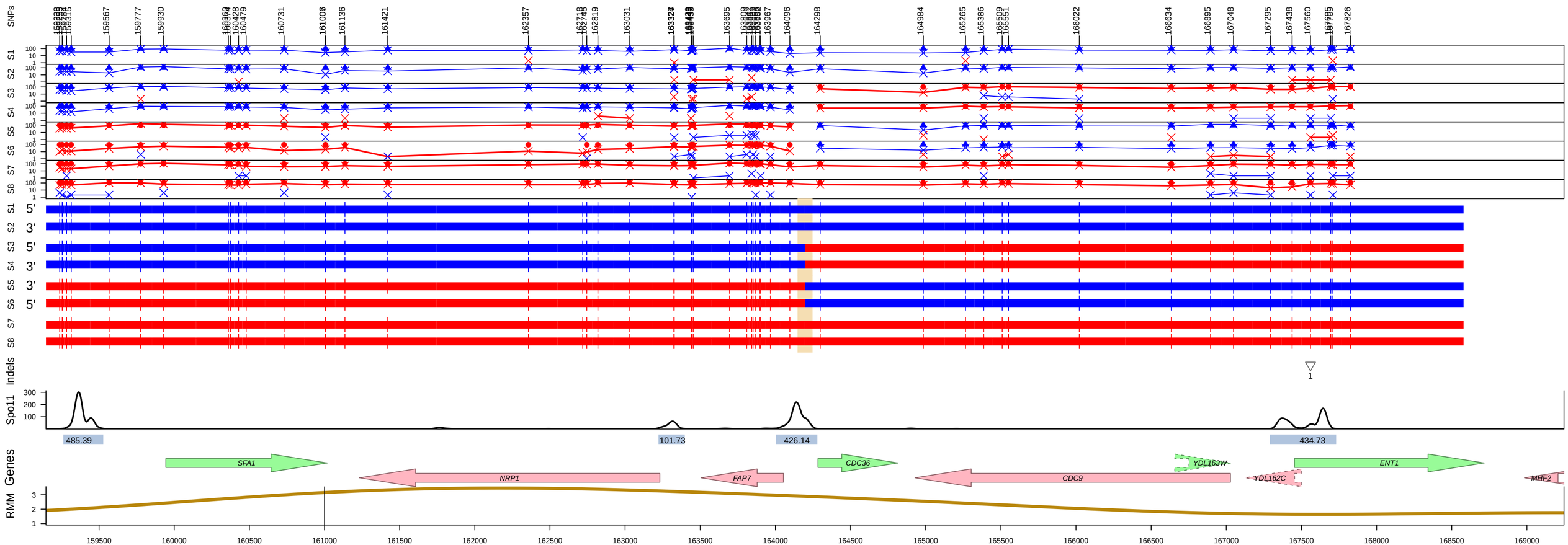
Genotype=OM1 Id=168 Chromo=14 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=770bp Midpoint=57123.75 Variants=1
Red=S288c, Blue=SK1



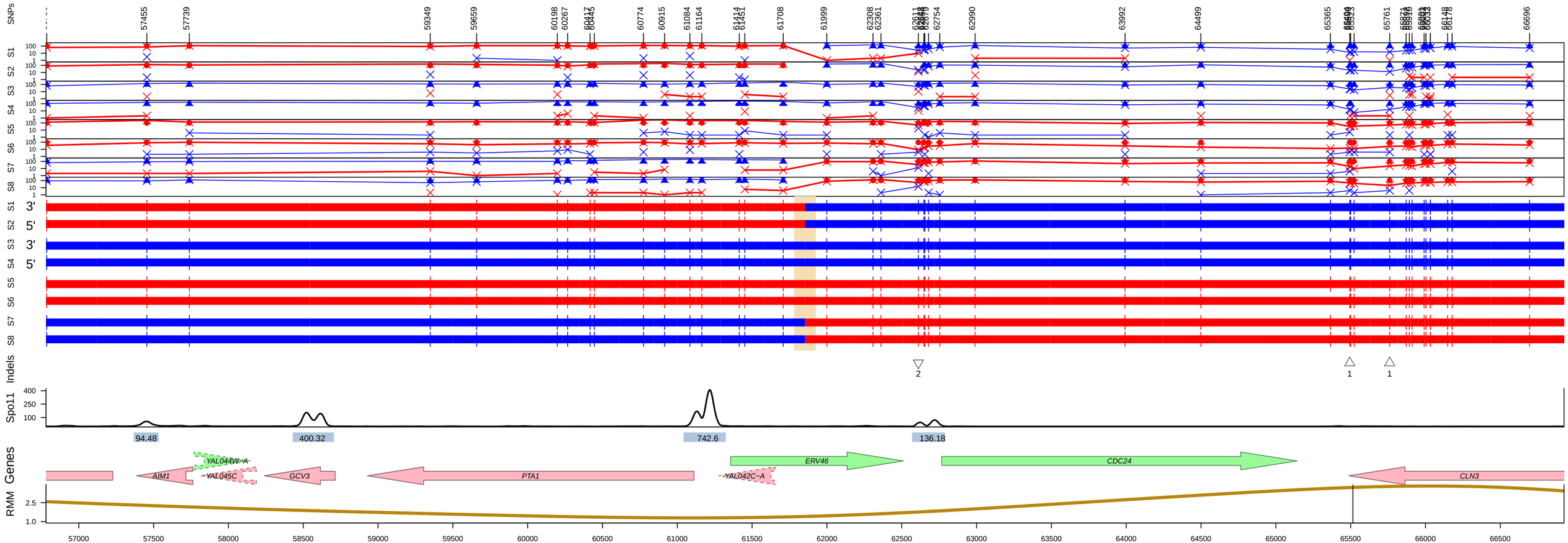
Genotype=OM1 Id=21 Chromo=2 Type=Full Conversion
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)
Mid Len=2842bp Midpoint=663155 Variants=3
Red=S288c, Blue=SK1



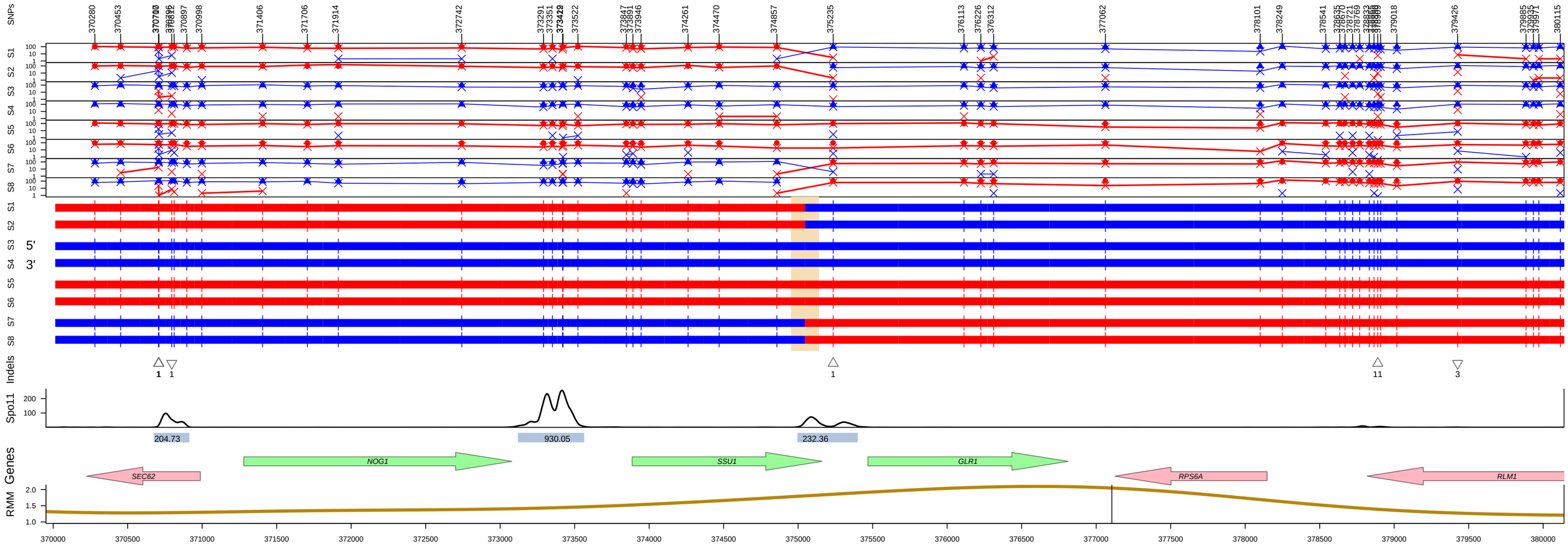
Genotype=OM1 Id=157 Chromo=13 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=54bp Midpoint=287628 Variants=0
Red=S288c, Blue=SK1



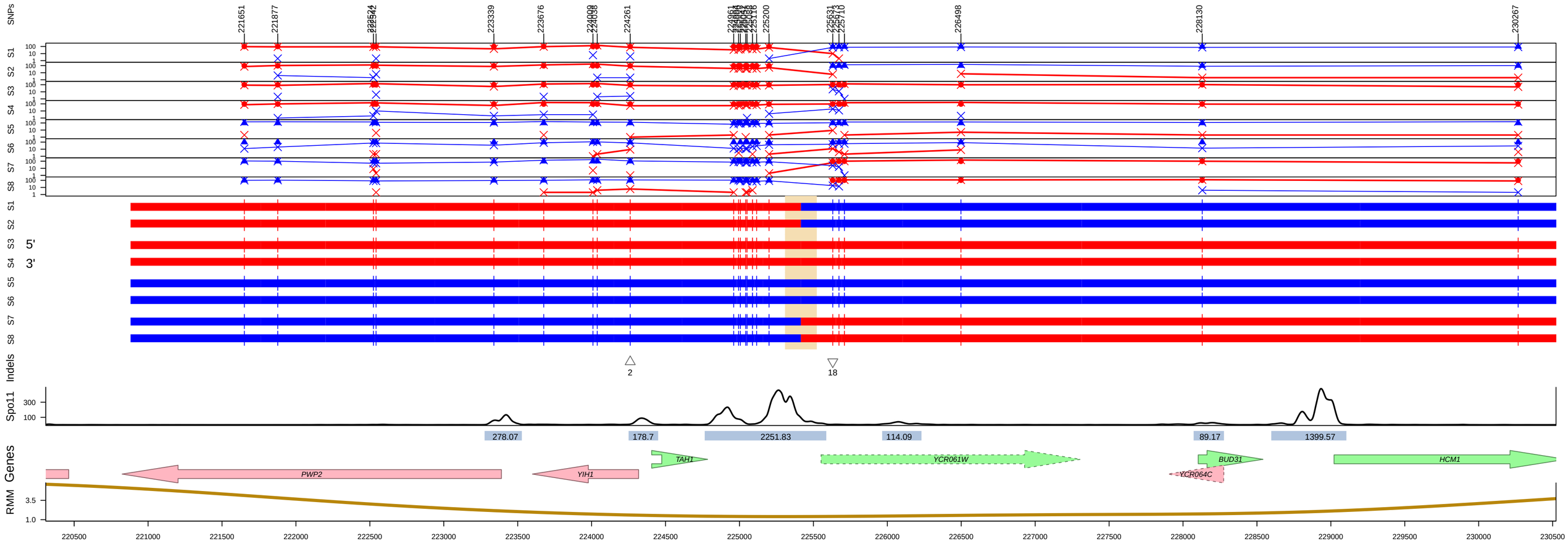
Genotype=OM1 Id=38 Chromo=4 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=100bp Midpoint=164197 Variants=0
Red=S288c, Blue=SK1



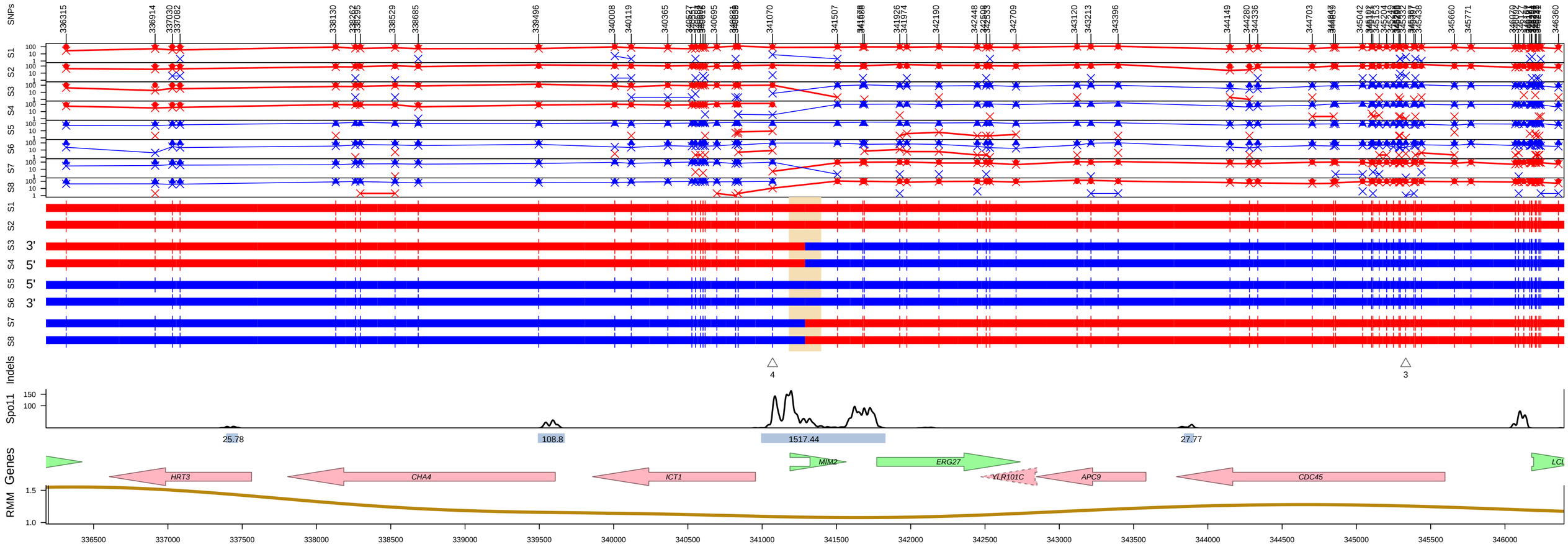
Genotype=OM1 Id=2 Chromo=1 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=145bp Midpoint=61853.5 Variants=0
Red=S288c, Blue=SK1



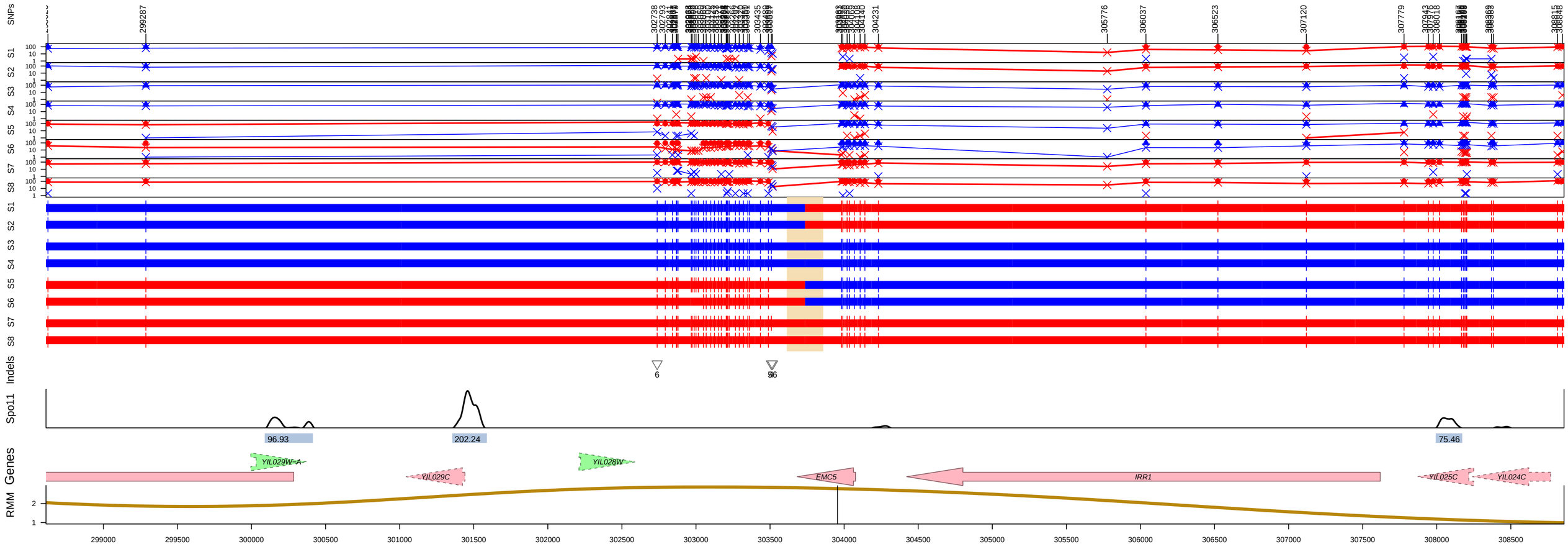
Genotype=OM1 Id=204 Chromo=16 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=188bp Midpoint=375046 Variants=0
Red=S288c, Blue=SK1



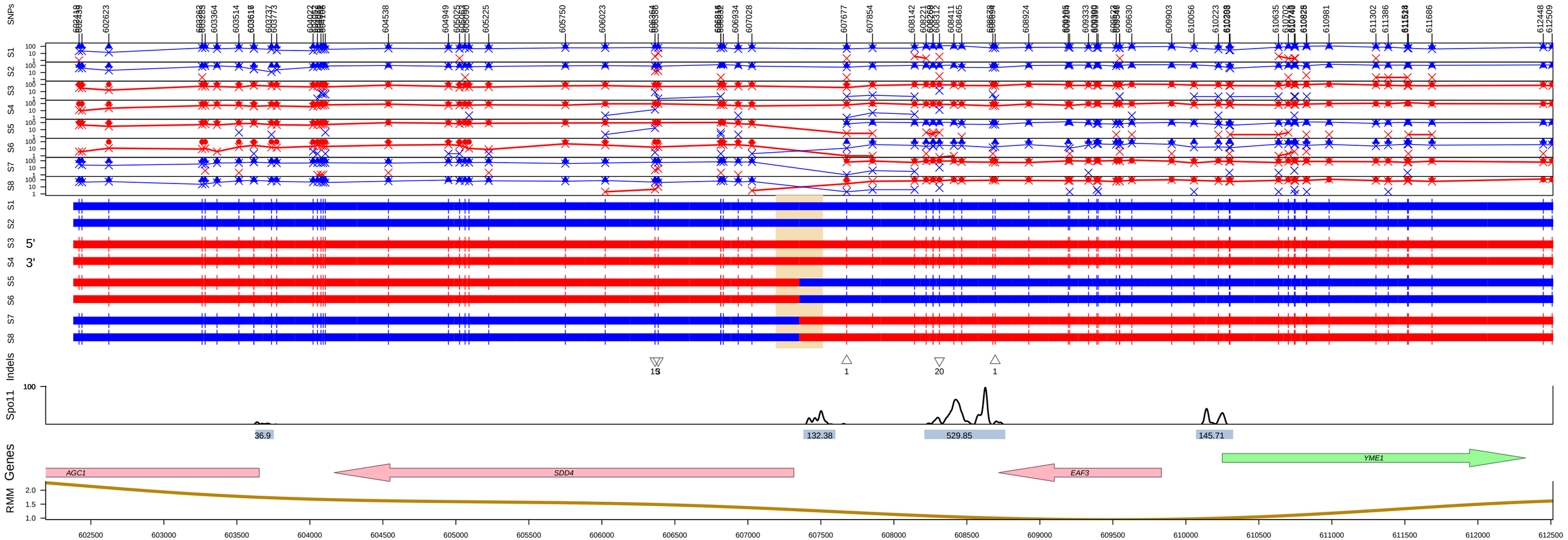
Genotype=OM1 Id=31 Chromo=3 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=215bp Midpoint=225415.5 Variants=0
Red=S288c, Blue=SK1



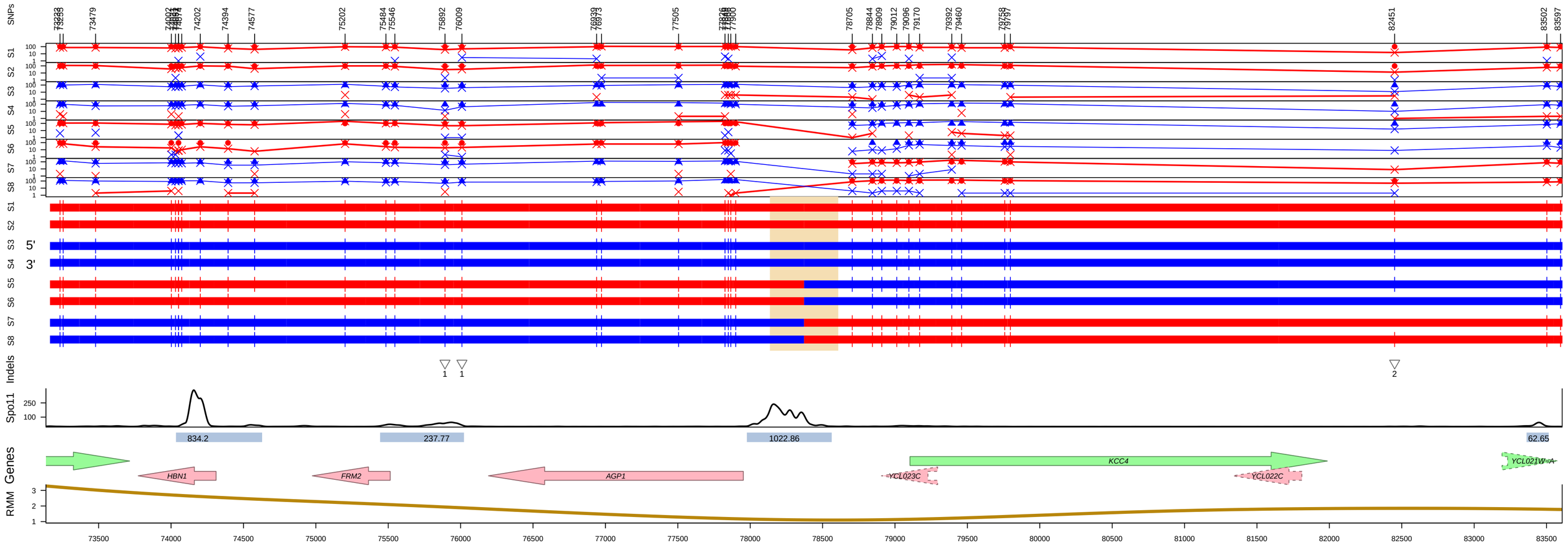
Genotype=OM1 Id=143 Chromo=12 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=218bp Midpoint=341288.5 Variants=0
Red=S288c, Blue=SK1



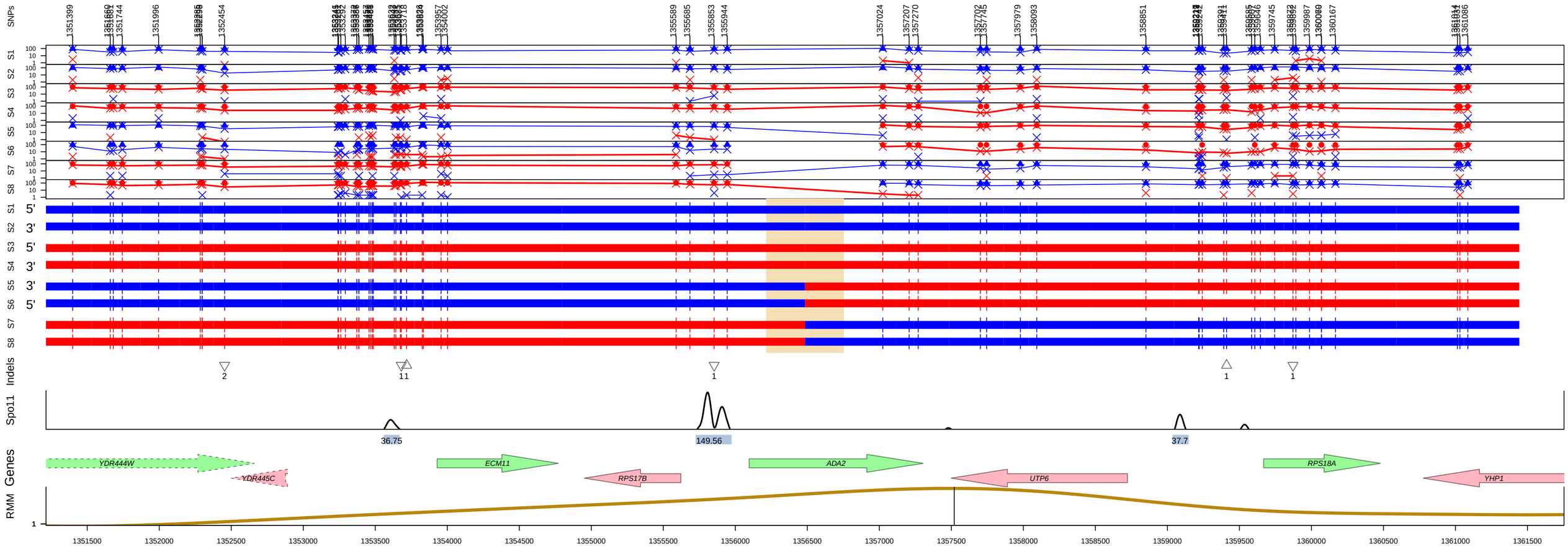
Genotype=OM1 Id=111 Chromo=9 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=246bp Midpoint=303736 Variants=0
Red=S288c, Blue=SK1



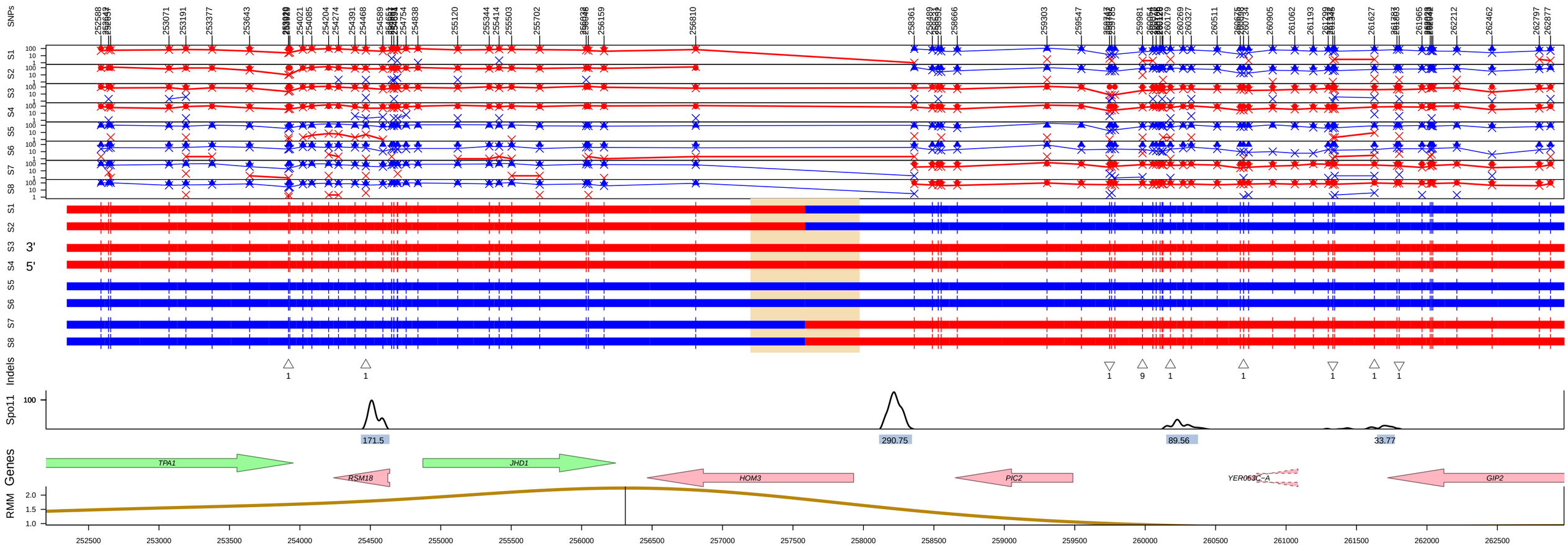
Genotype=OM1 Id=207 Chromo=16 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=324bp Midpoint=607352.5 Variants=0
Red=S288c, Blue=SK1



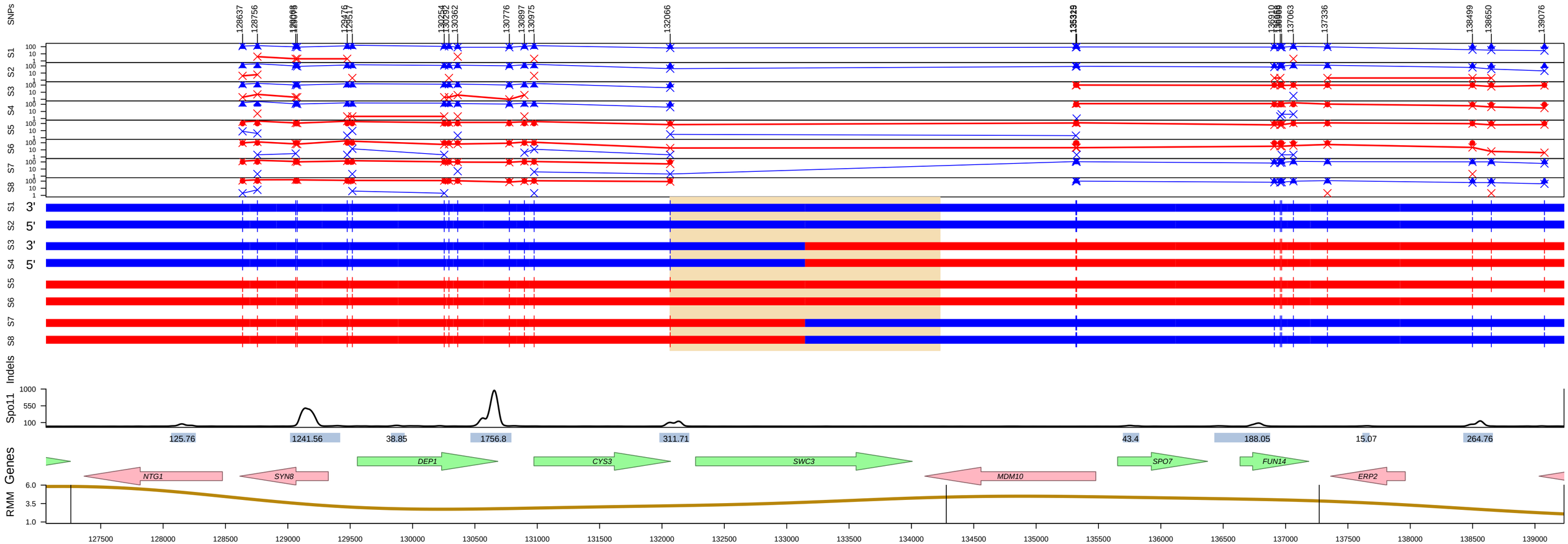
Genotype=OM1 Id=27 Chromo=3 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=472bp Midpoint=78372 Variants=0
Red=S288c, Blue=SK1



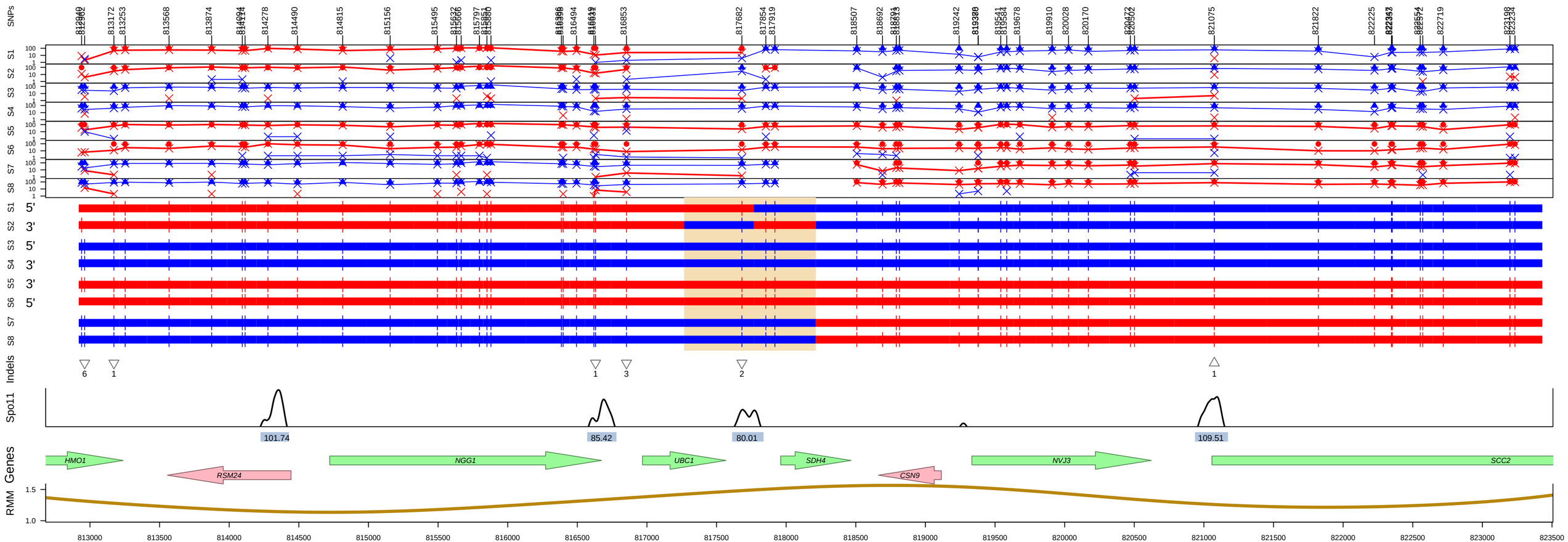
Genotype=OM1 Id=54 Chromo=4 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=540bp Midpoint=1356484 Variants=0
Red=S288c, Blue=SK1



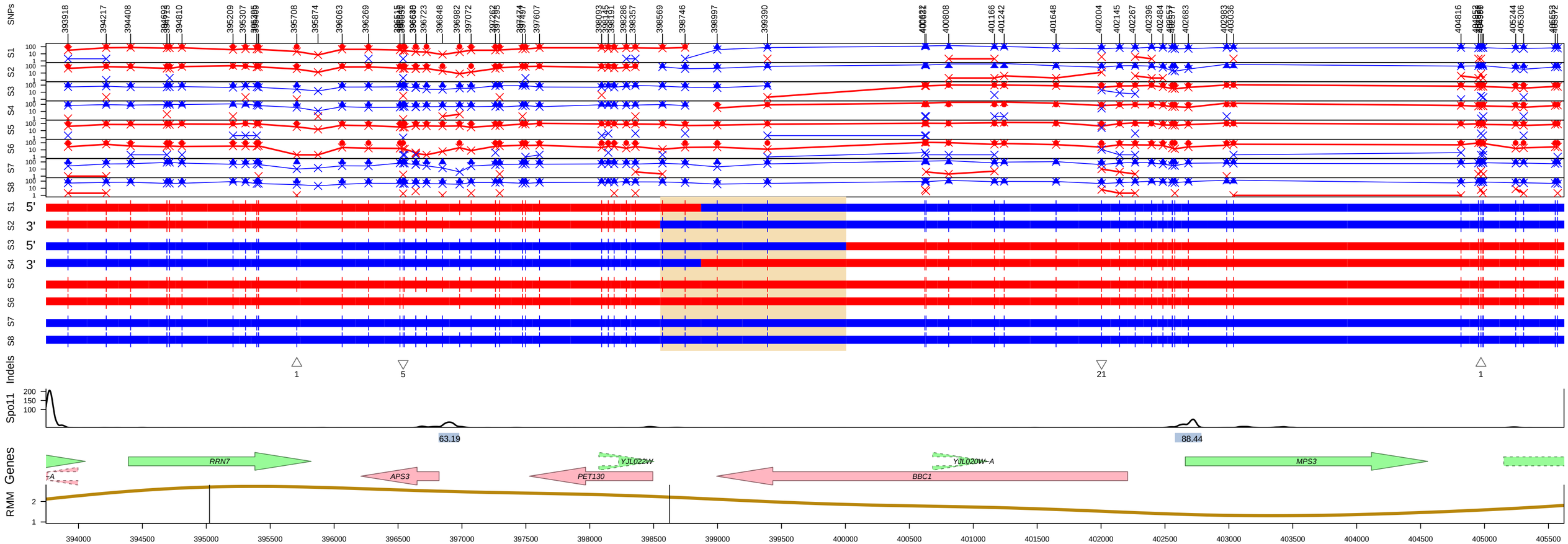
Genotype=OM1 Id=59 Chromo=5 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=775bp Midpoint=257585.5 Variants=0
Red=S288c, Blue=SK1



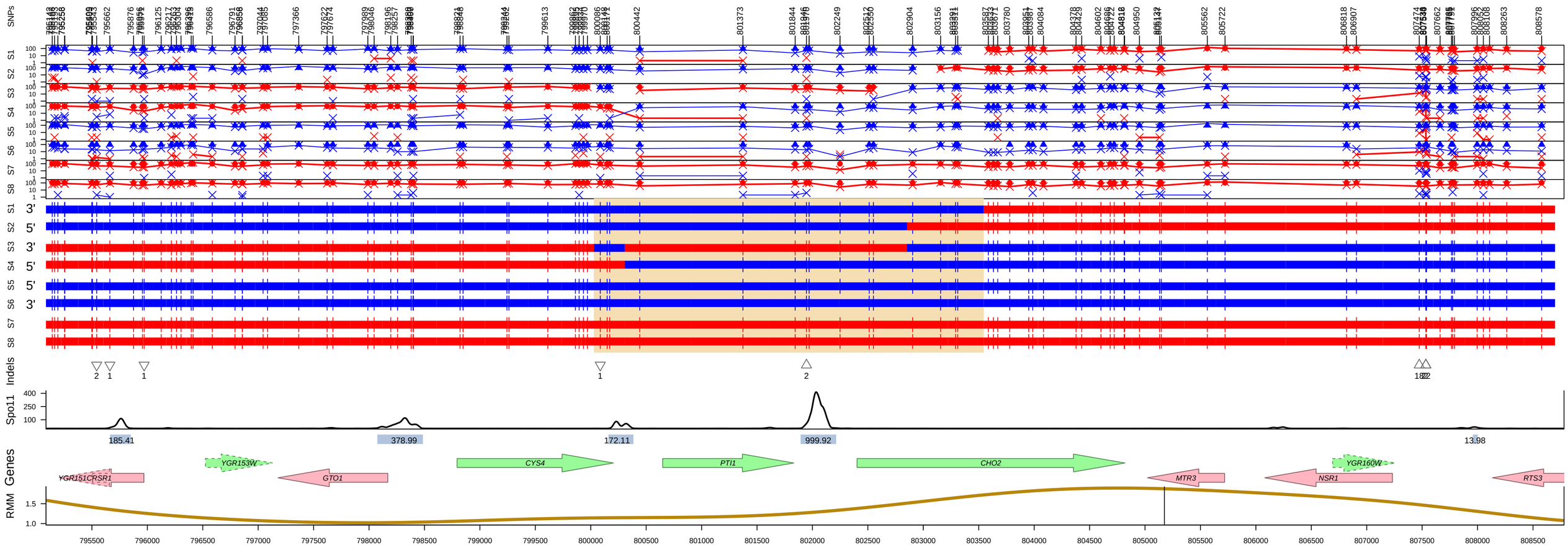
Genotype=OM1 Id=3 Chromo=1 Type=No Strand Transfer
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4aCO)
Mid Len=2172bp Midpoint=133147 Variants=0
Red=S288c, Blue=SK1



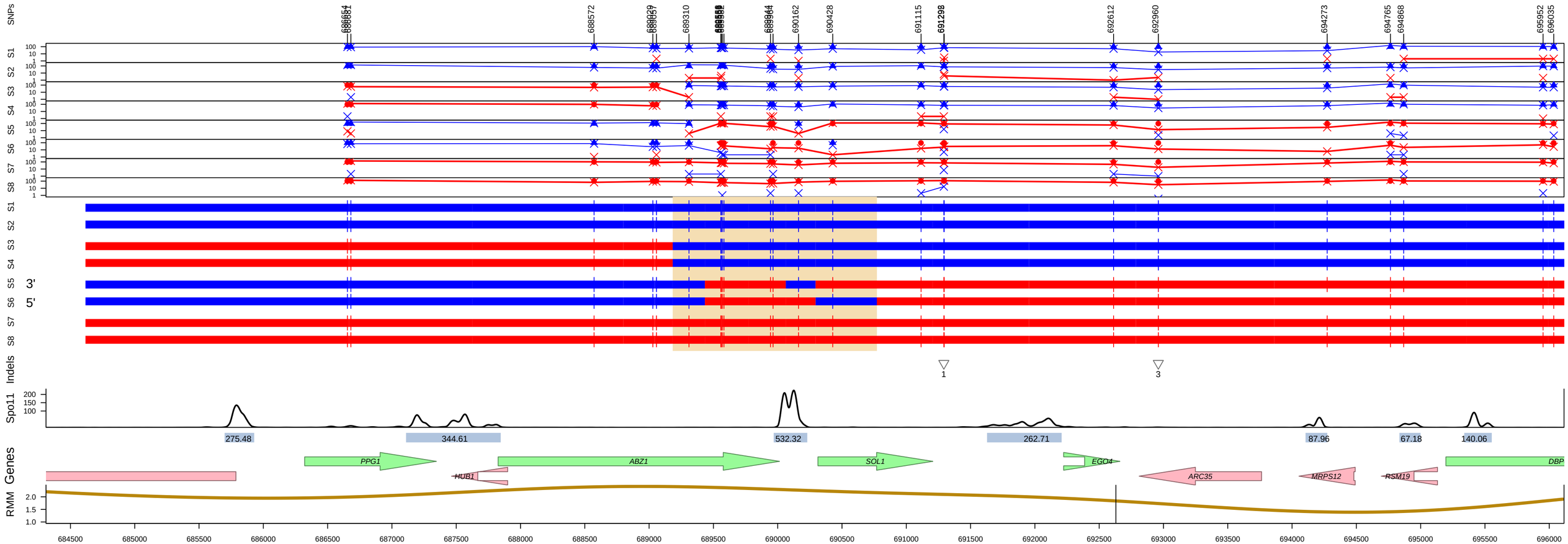
Genotype=OM1 Id=46 Chromo=4 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(3:5a)_(4:4aCO)
Mid Len=946bp Midpoint=817740.25 Variants=3
Red=S288c, Blue=SK1



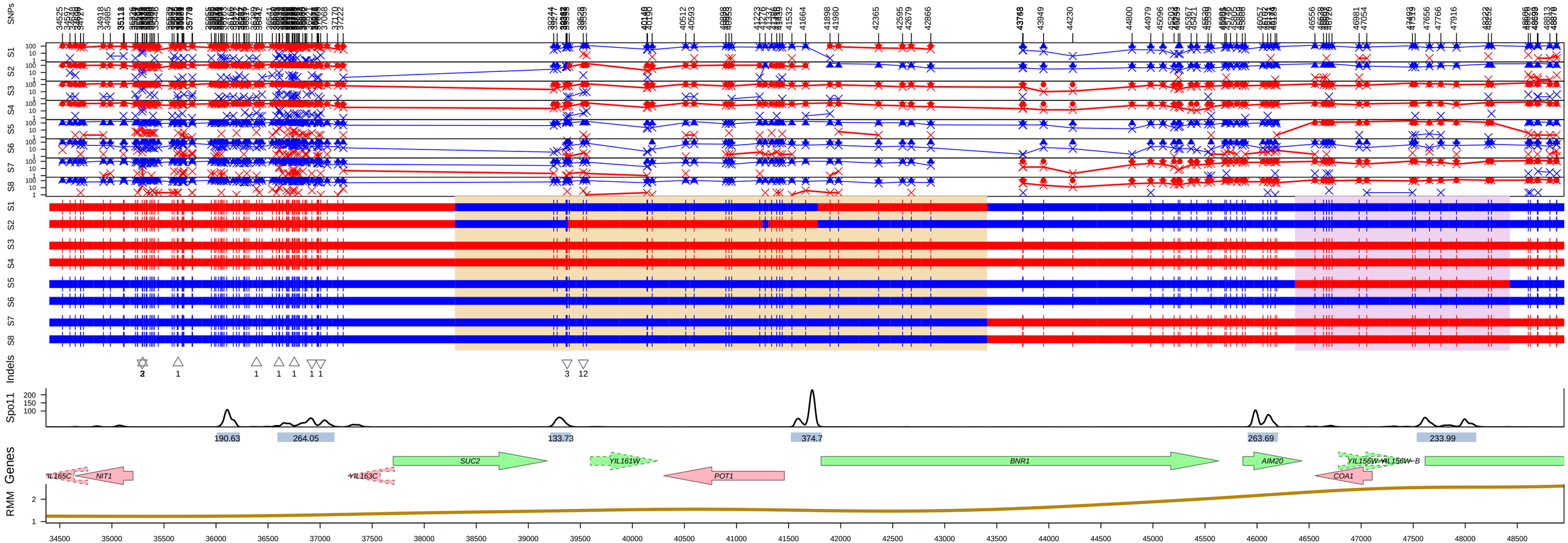
Genotype=OM1 Id=121 Chromo=10 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(3:5a)_(4:4aCO)
Mid Len=1454bp Midpoint=399278.75 Variants=3
Red=S288c, Blue=SK1



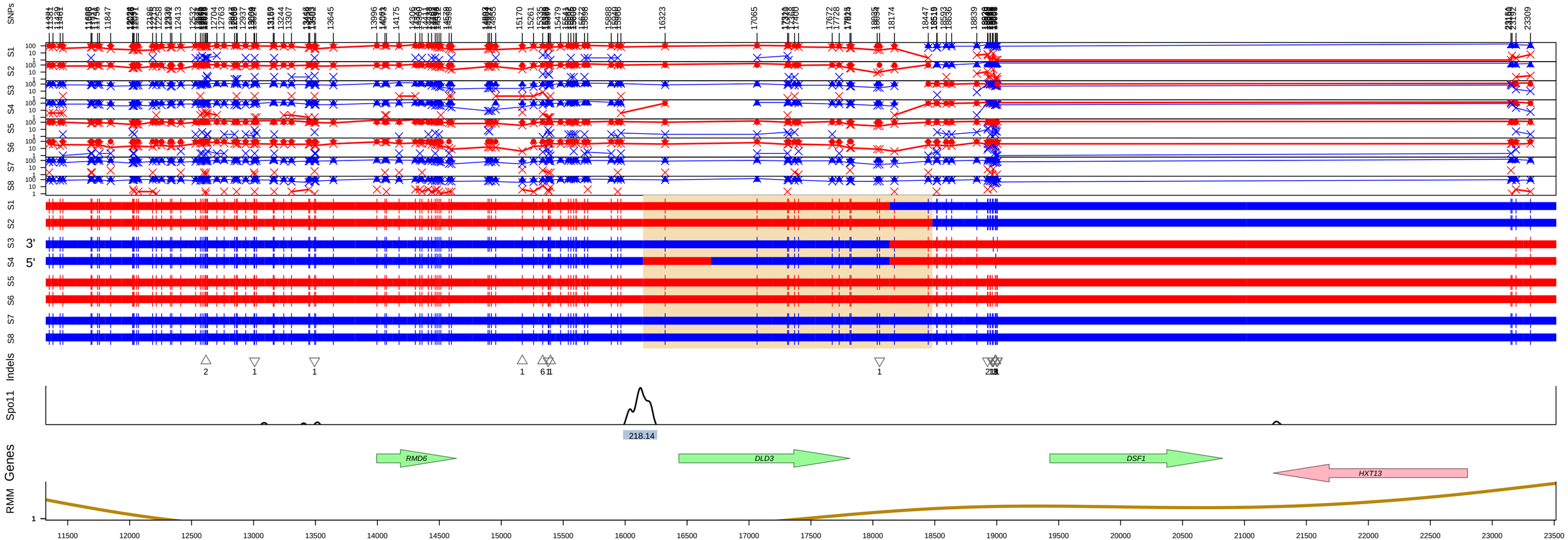
Genotype=OM1 Id=91 Chromo=7 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(3:5a)_(3:5b)_(4:4aCO)
Mid Len=3518bp Midpoint=801786.75 Variants=13
Red=S288c, Blue=SK1



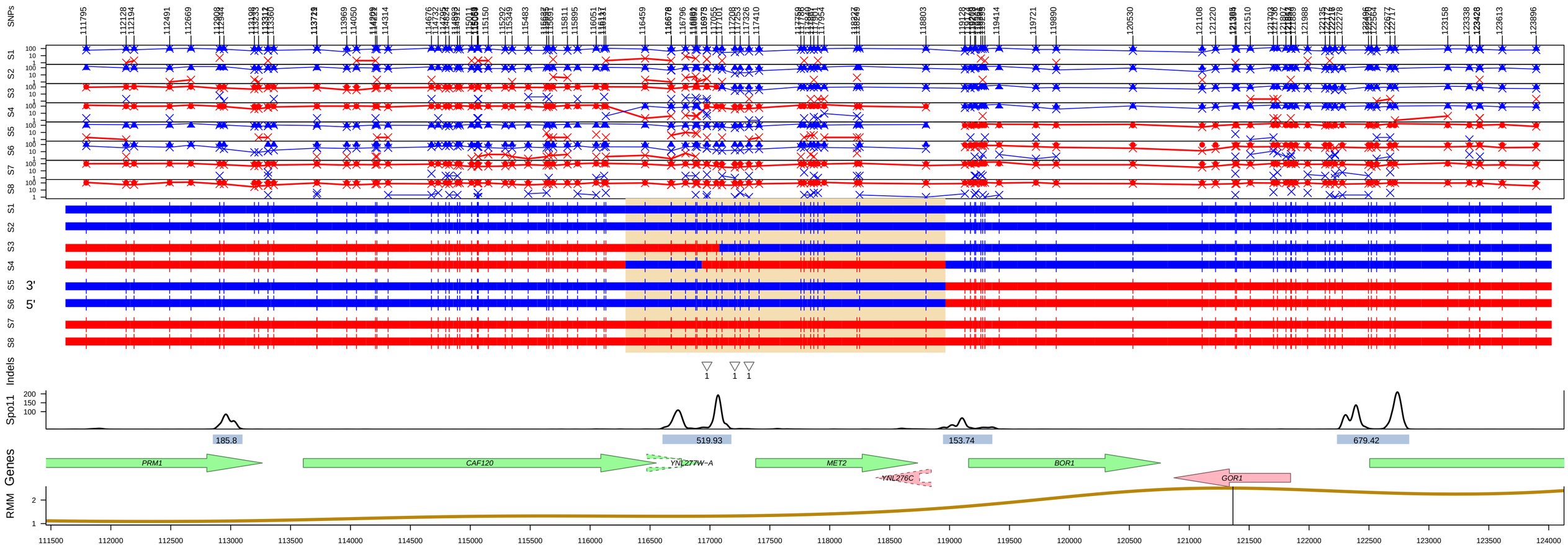
Genotype=OM1 Id=182 Chromo=14 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)_(3:5)_(3:5a)_(4:4a)
Mid Len=1588bp Midpoint=689977.5 Variants=8
Red=S288c, Blue=SK1



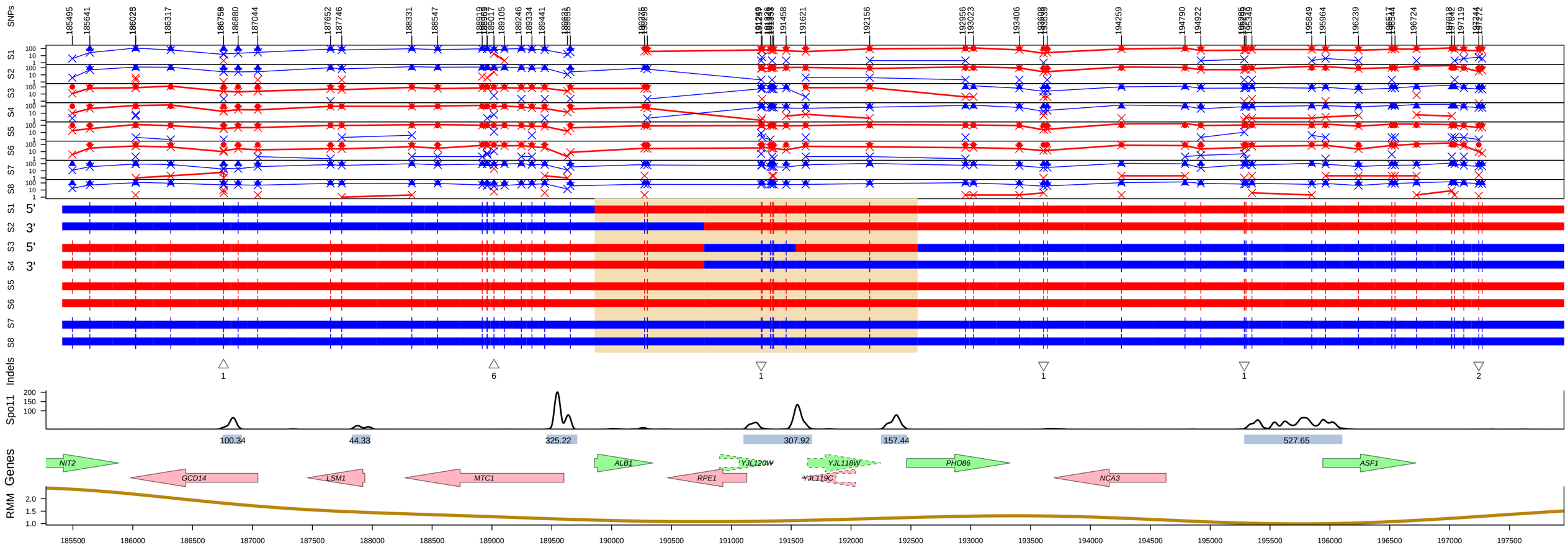
Genotype=OM1 Id=106 Chromo=9 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(2:6)_(3:5)_(3:5a)_(4:4aCO)
Mid Len=5113bp Midpoint=40851 Variants=25
Red=S288c, Blue=SK1



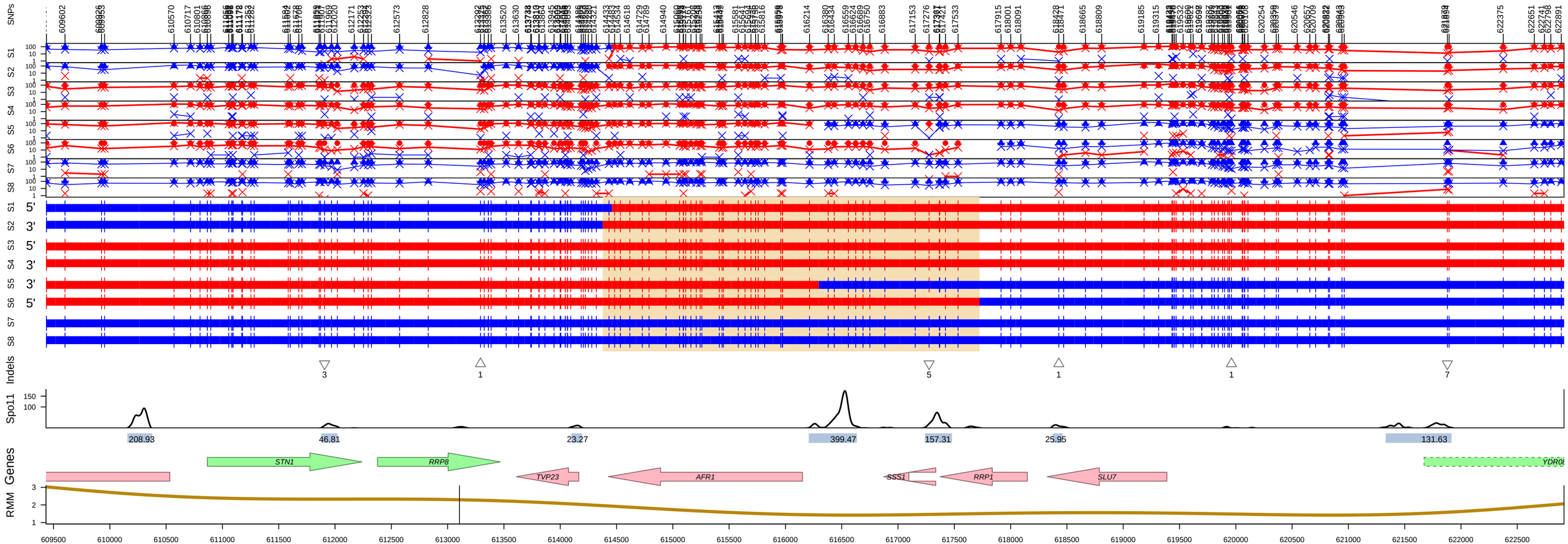
Genotype=OM1 Id=56 Chromo=5 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4)_(5:3a)_(4:4aCO)
Mid Len=2336bp Midpoint=17312.75 Variants=11
Red=S288c, Blue=SK1



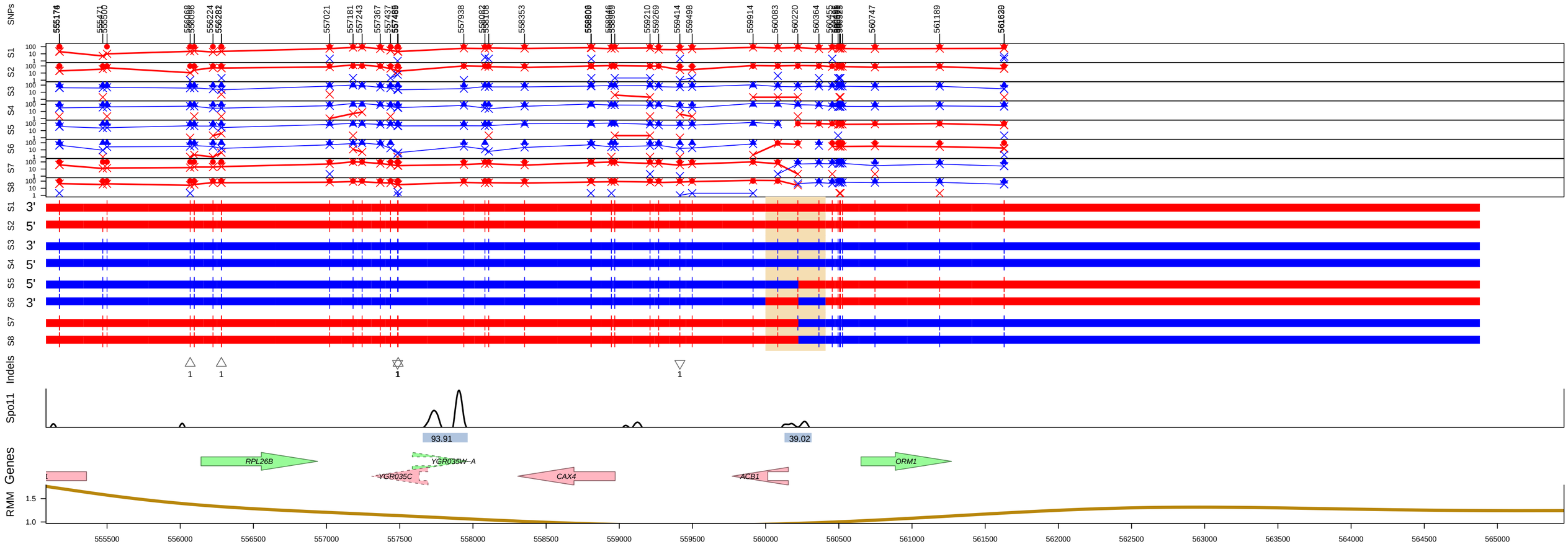
Genotype=OM1 Id=169 Chromo=14 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4)_(3:5a)_(4:4aCO)
Mid Len=2670bp Midpoint=117630.25 Variants=21
Red=S288c, Blue=SK1



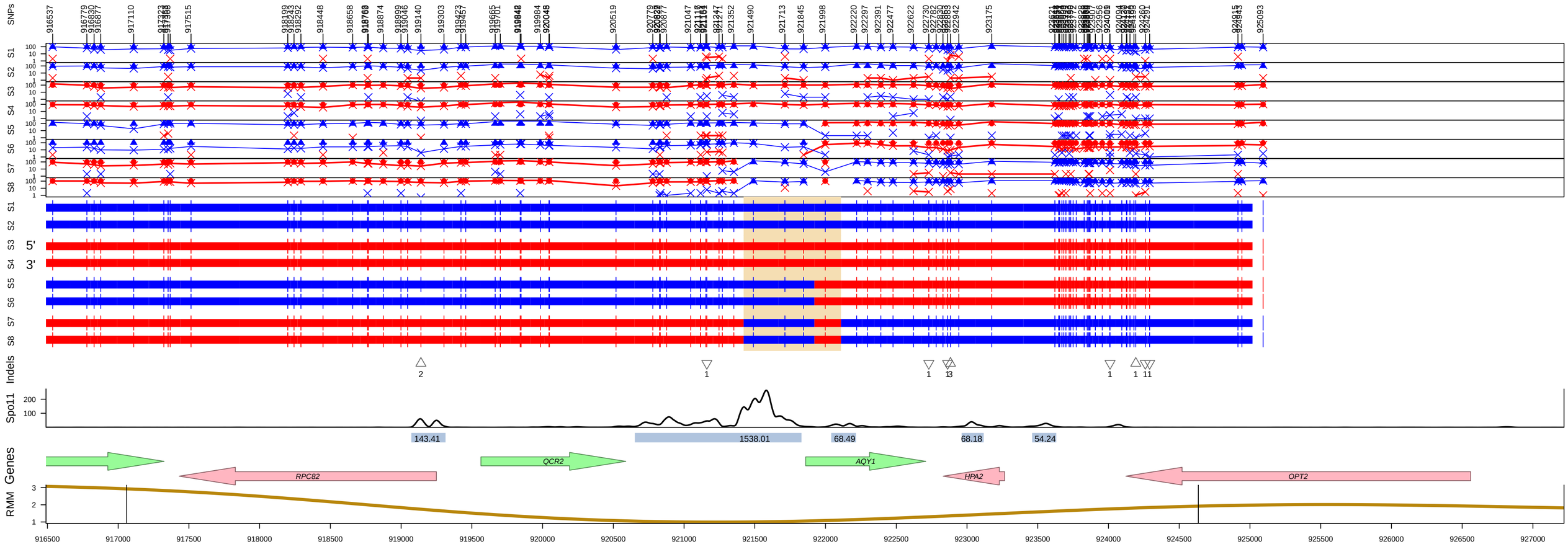
Genotype=OM1 Id=117 Chromo=10 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4aCO)_(5:3a)_(4:4a)
Mid Len=2698bp Midpoint=191207 Variants=10
Red=S288c, Blue=SK1



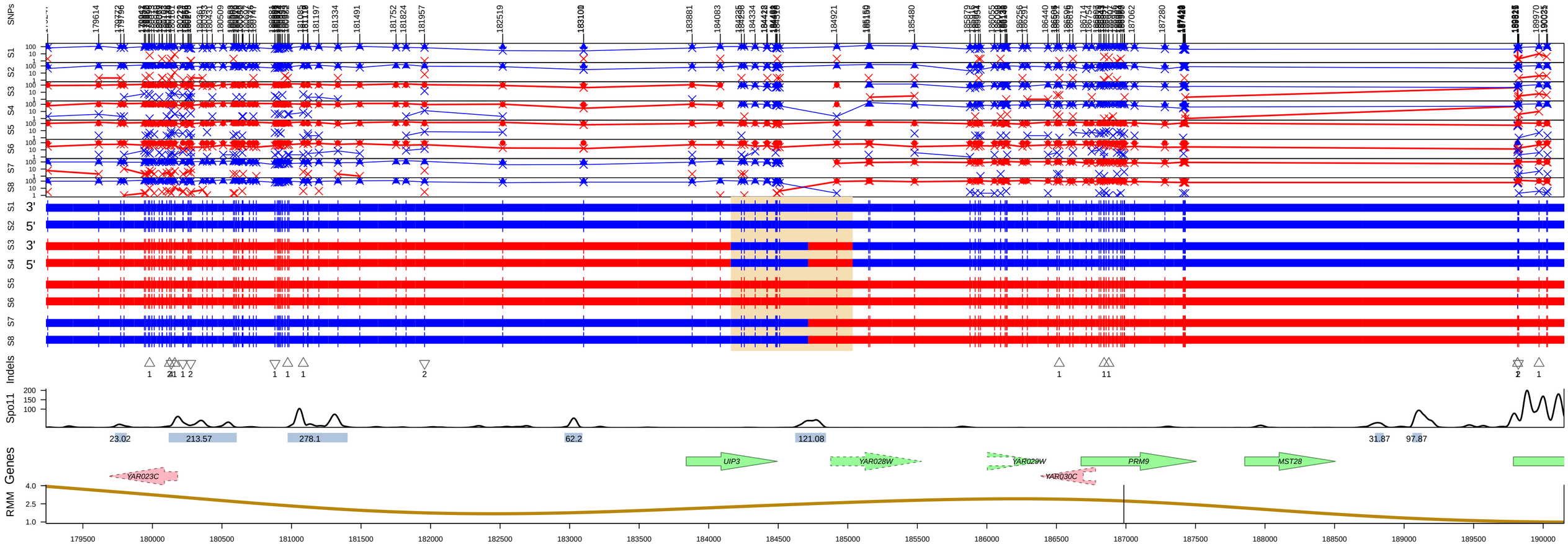
Genotype=OM1 Id=42 Chromo=4 Type=Two−Sided Unidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(6:2)_(5:3a)_(4:4aCO)
Mid Len=3347bp Midpoint=616050.5 Variants=38
Red=S288c, Blue=SK1



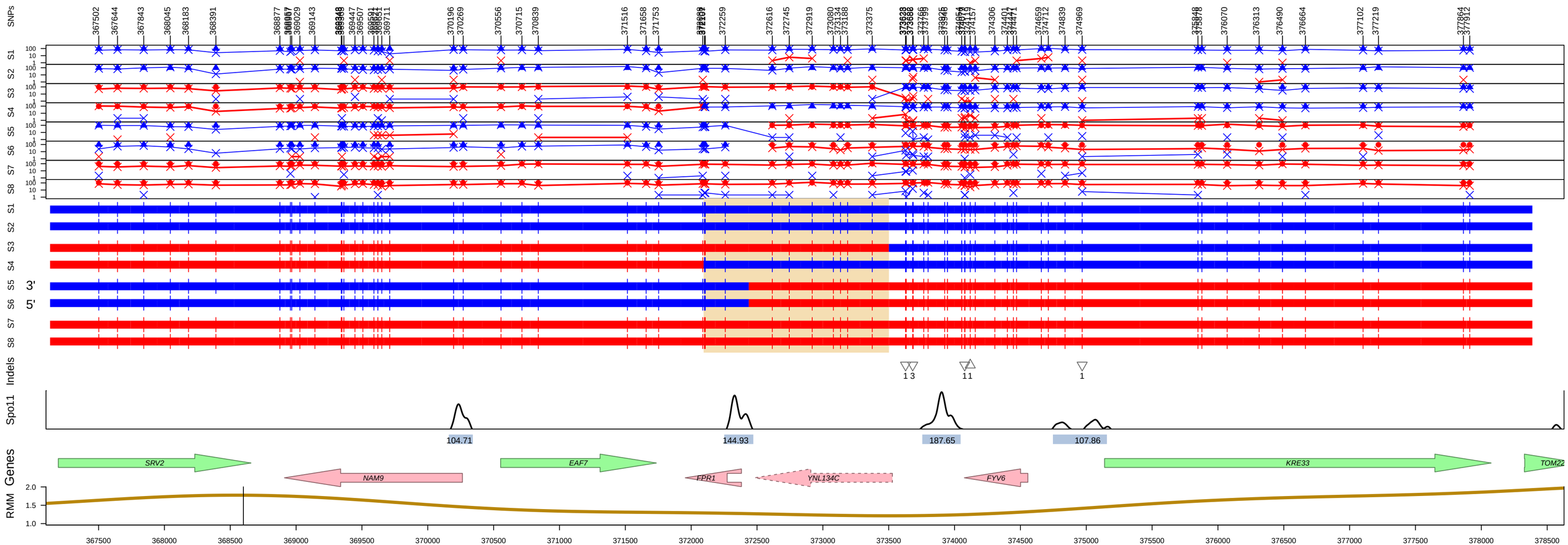
Genotype=OM1 Id=86 Chromo=7 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(3:5)_(4:4aCO)
Mid Len=411bp Midpoint=560204 Variants=2
Red=S288c, Blue=SK1



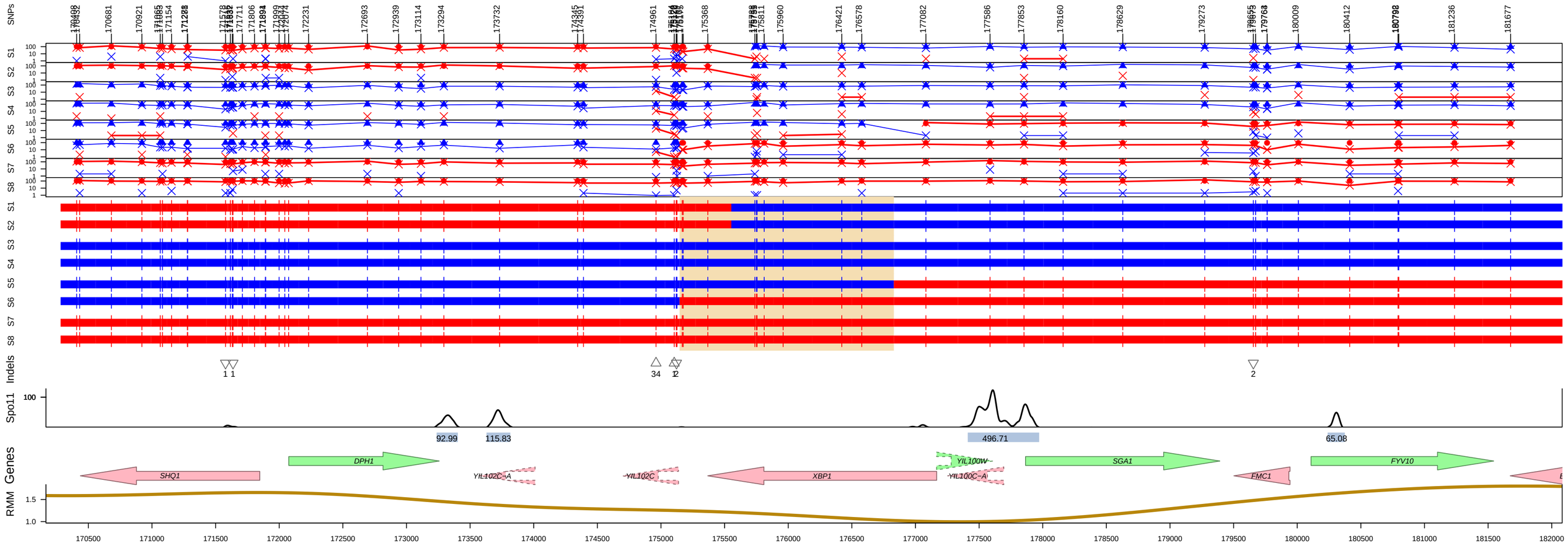
Genotype=OM1 Id=210 Chromo=16 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(6:2)_(4:4aCO)
Mid Len=688bp Midpoint=921765 Variants=3
Red=S288c, Blue=SK1



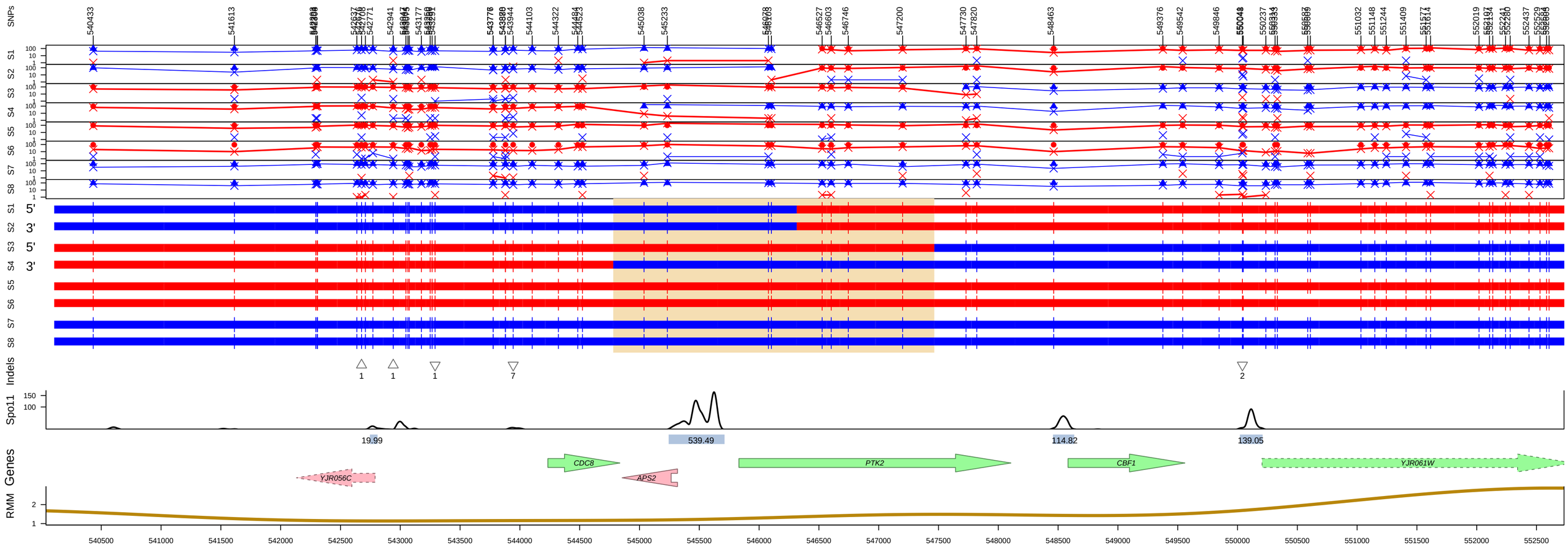
Genotype=OM1 Id=5 Chromo=1 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(6:2)_(4:4aCO)
Mid Len=876bp Midpoint=184597.25 Variants=10
Red=S288c, Blue=SK1



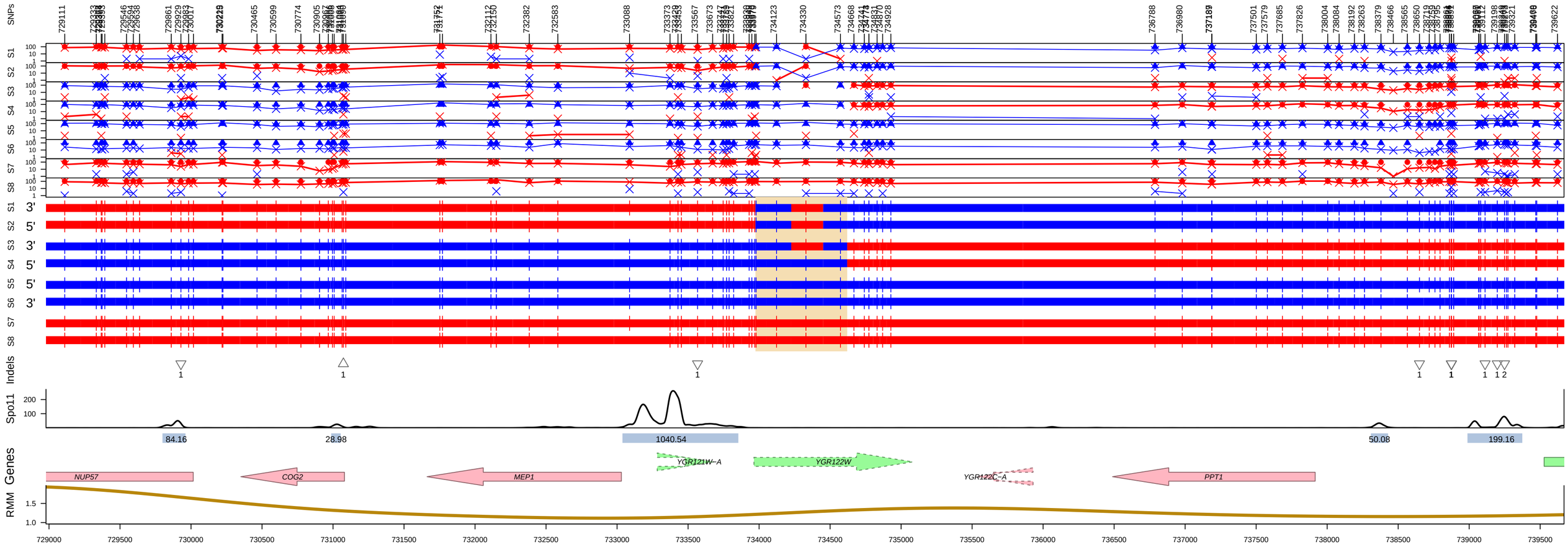
Genotype=OM1 Id=176 Chromo=14 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(5:3)_(4:4aCO)
Mid Len=1407bp Midpoint=372798 Variants=9
Red=S288c, Blue=SK1



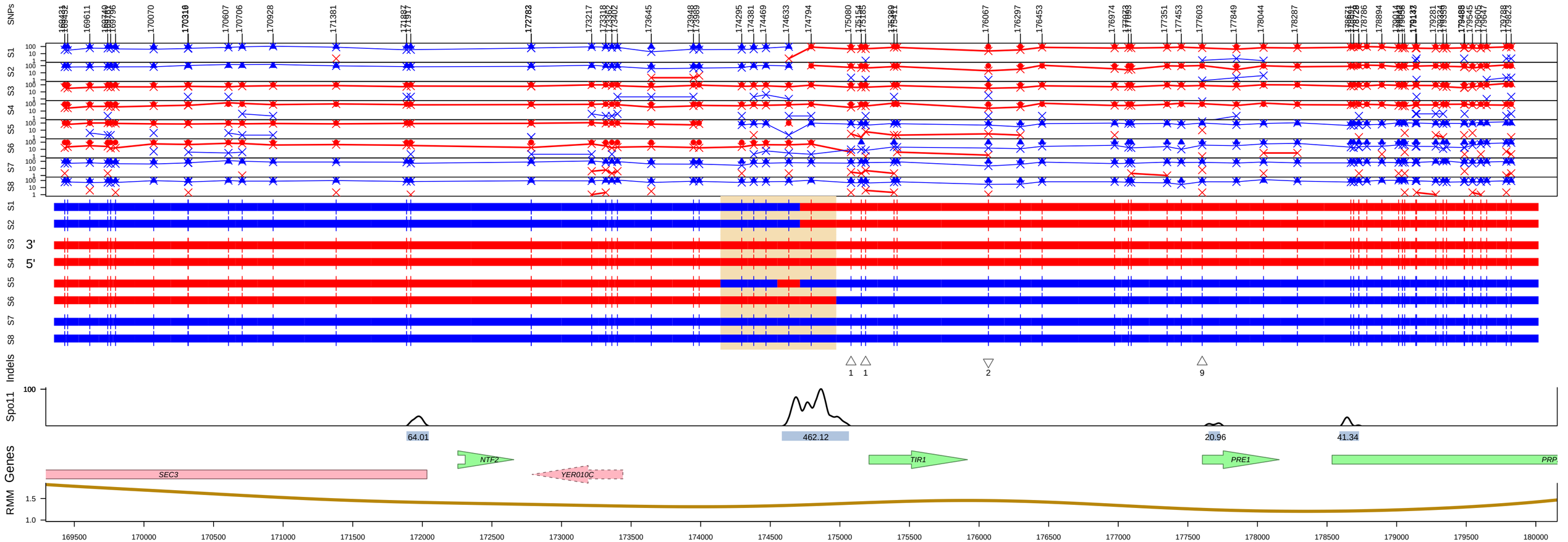
Genotype=OM1 Id=110 Chromo=9 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(3:5)_(4:4aCO)
Mid Len=1684bp Midpoint=175988.25 Variants=10
Red=S288c, Blue=SK1



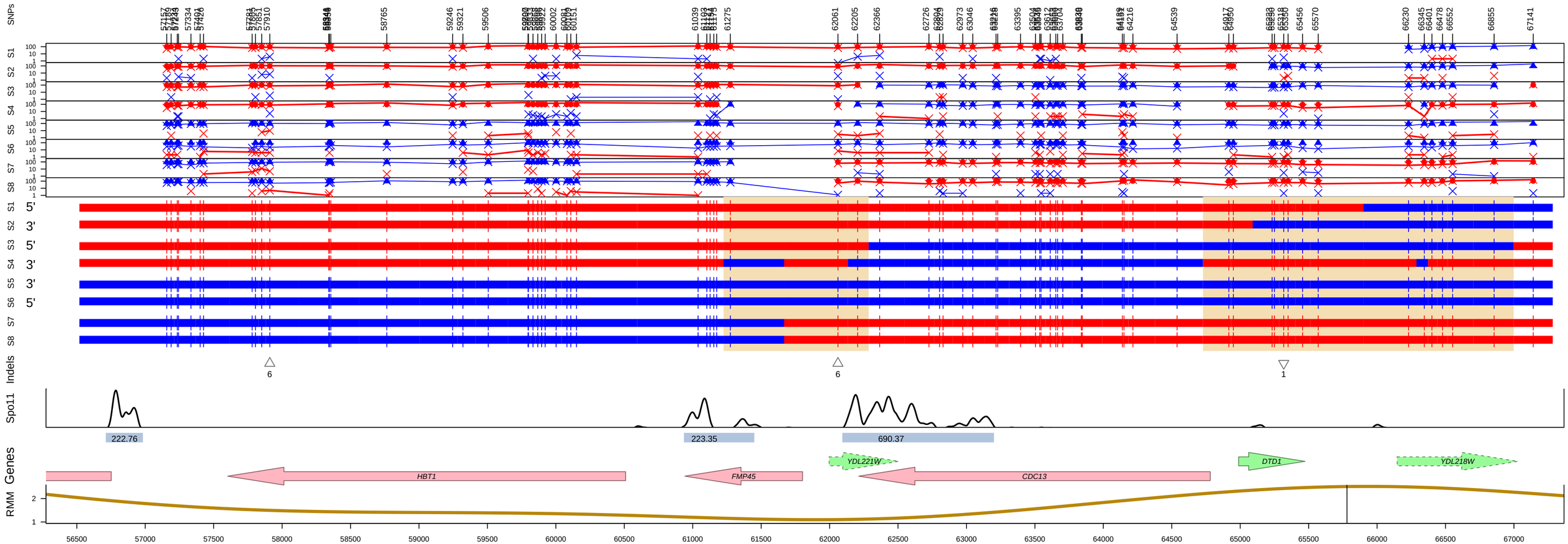
Genotype=OM1 Id=123 Chromo=10 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(5:3)_(4:4aCO)
Mid Len=2684bp Midpoint=546122.75 Variants=8
Red=S288c, Blue=SK1



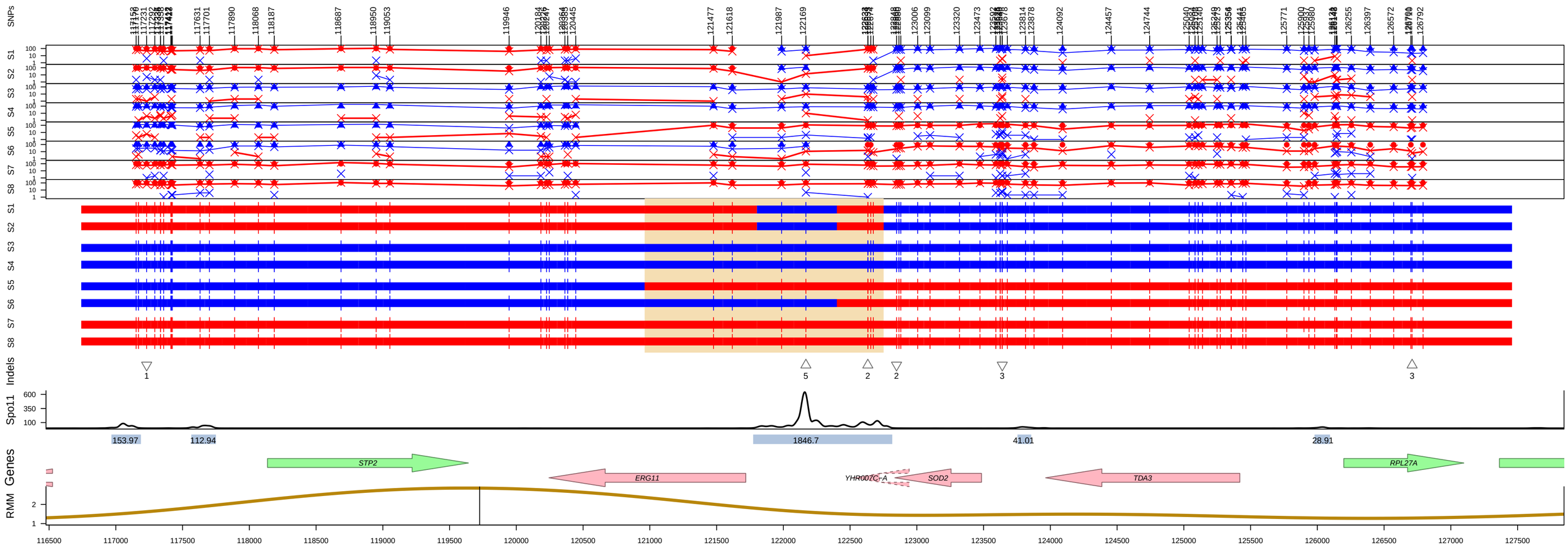
Genotype=OM1 Id=90 Chromo=7 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(5:3)_(2:6)_(4:4aCO)
Mid Len=646bp Midpoint=734297.5 Variants=4
Red=S288c, Blue=SK1



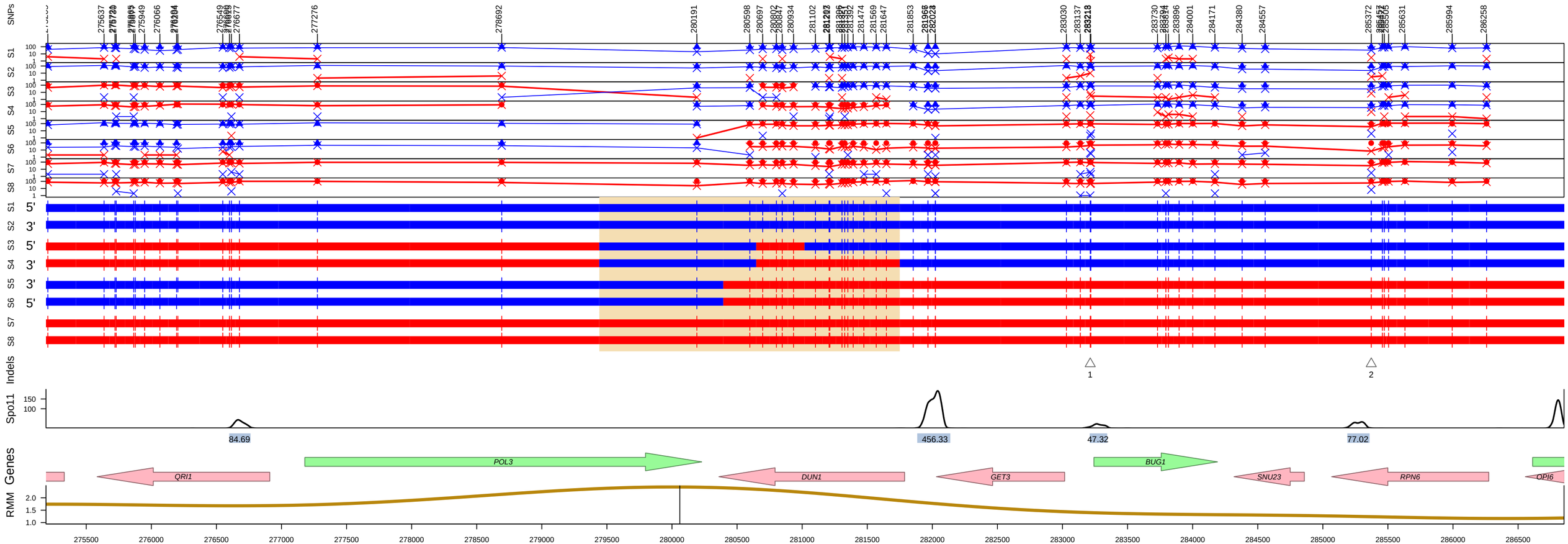
Genotype=OM1 Id=57 Chromo=5 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4)_(5:3)_(4:4aCO)
Mid Len=832bp Midpoint=174558 Variants=5
Red=S288c, Blue=SK1



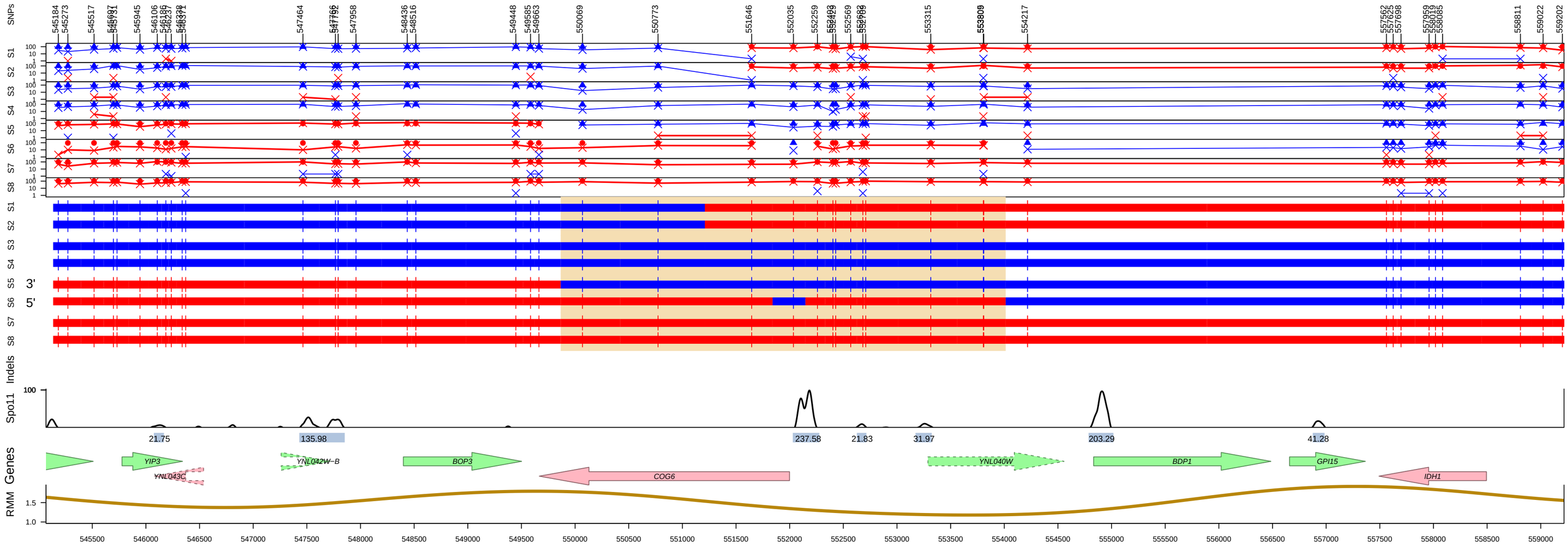
Genotype=OM1 Id=34 Chromo=4 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(6:2)_(5:3)_(4:4aCO)
Mid Len=1060bp Midpoint=61755.25 Variants=3
Red=S288c, Blue=SK1



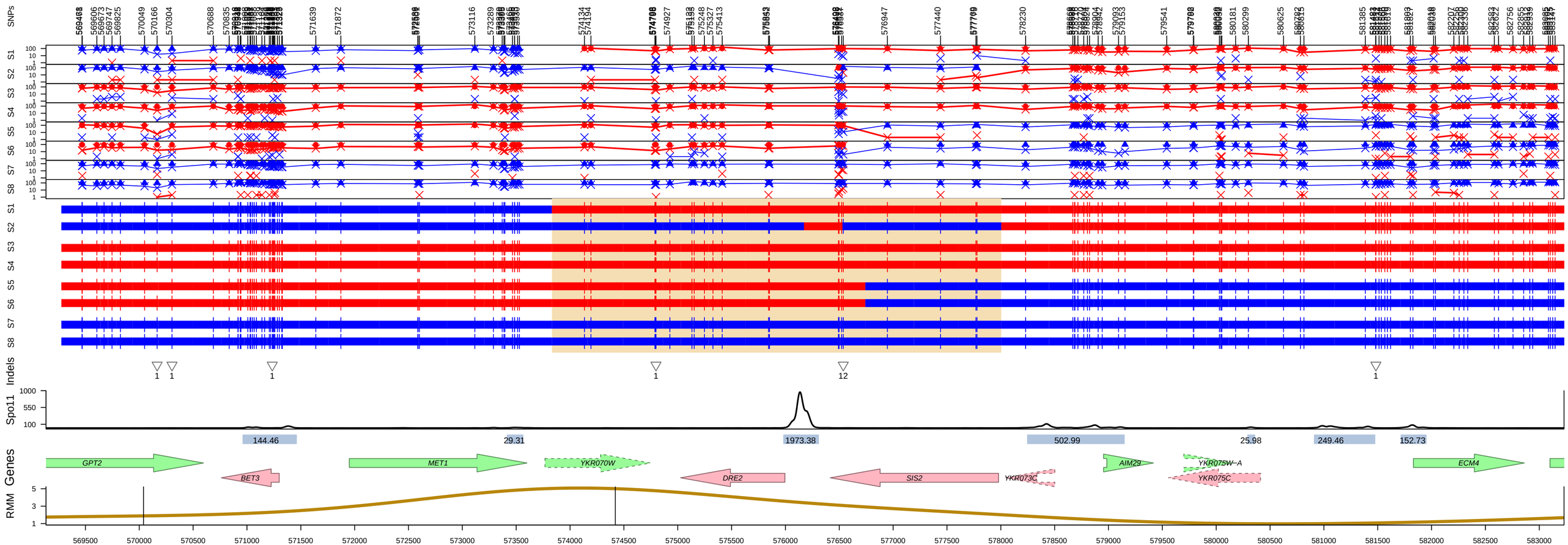
Genotype=OM1 Id=98 Chromo=8 Type=Two−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(3:5)_(6:2)_(4:4aCO)
Mid Len=1790bp Midpoint=121856.25 Variants=7
Red=S288c, Blue=SK1



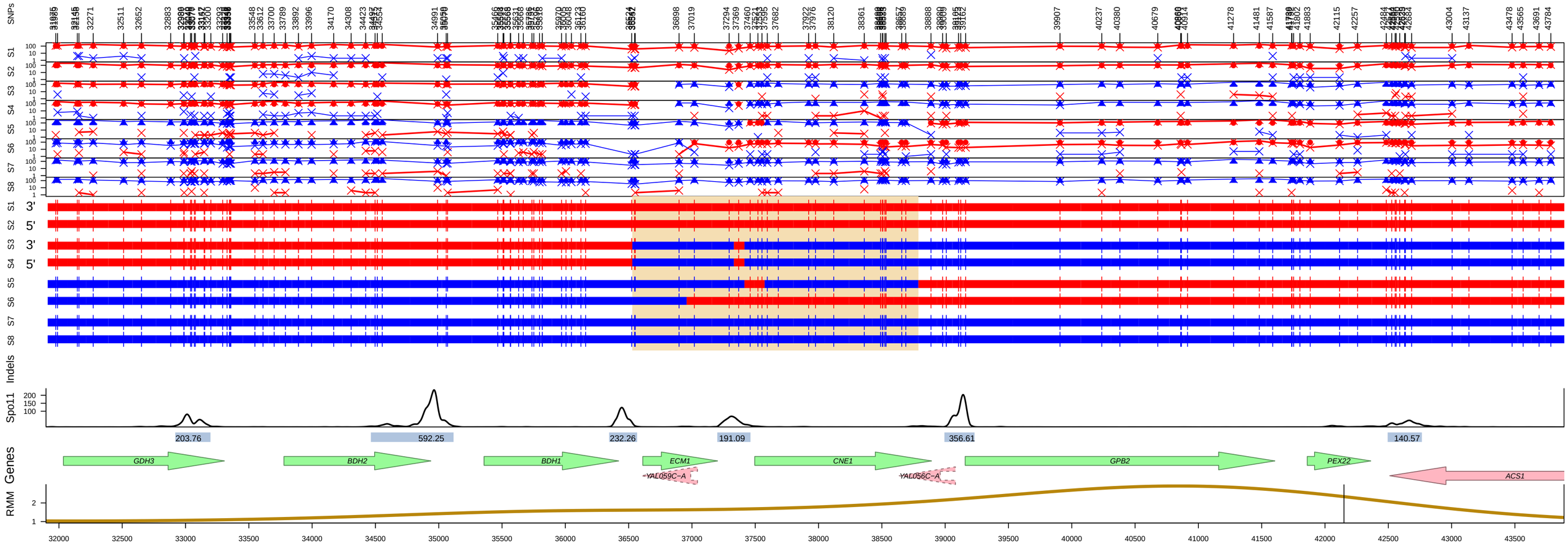
Genotype=OM1 Id=39 Chromo=4 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(4:4aCO)_(6:2)_(5:3)_(4:4a)
Mid Len=2308bp Midpoint=280595.75 Variants=15
Red=S288c, Blue=SK1



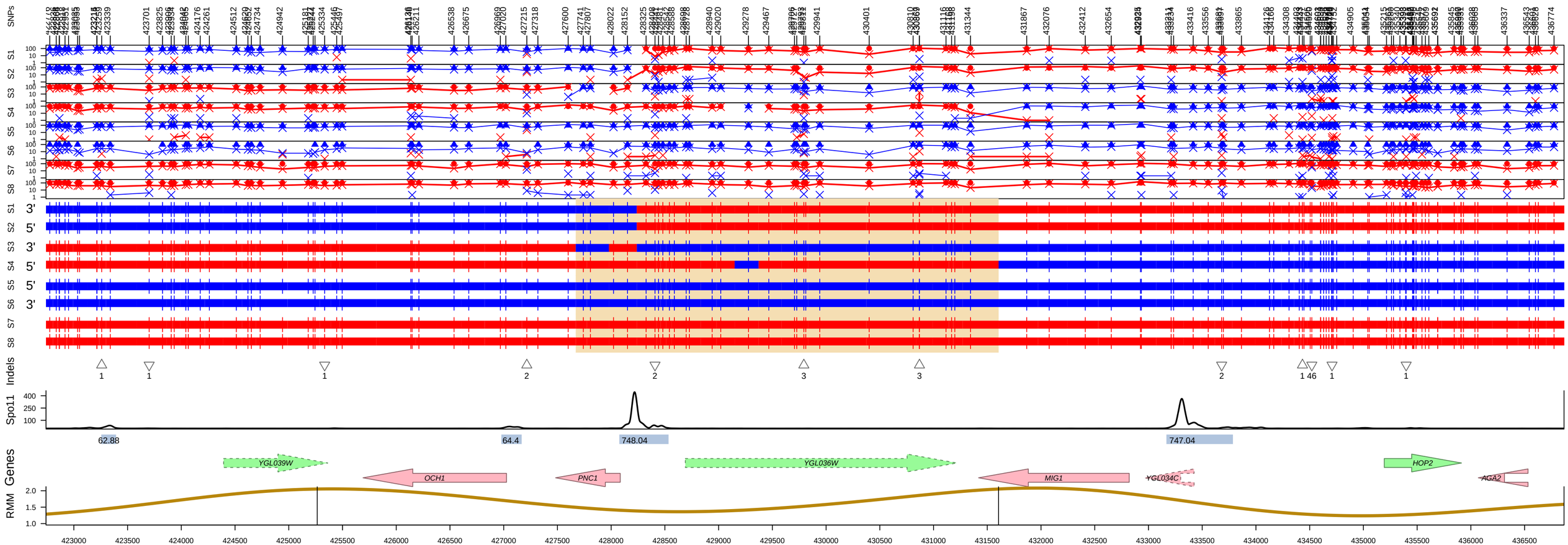
Genotype=OM1 Id=179 Chromo=14 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(5:3)_(4:4aCO)_(5:3)_(4:4a)
Mid Len=4147bp Midpoint=551939.5 Variants=13
Red=S288c, Blue=SK1



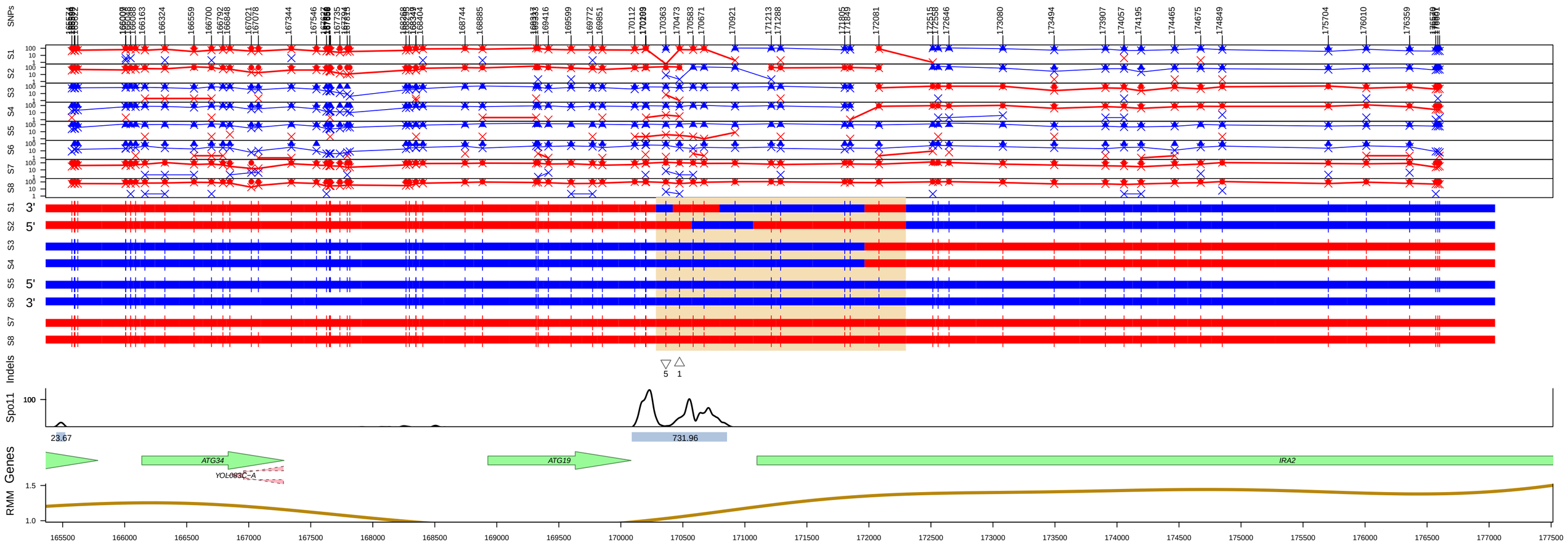
Genotype=OM1 Id=135 Chromo=11 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(6:2)_(5:3)_(3:5)_(4:4aCO)
Mid Len=4172bp Midpoint=575918.25 Variants=22
Red=S288c, Blue=SK1



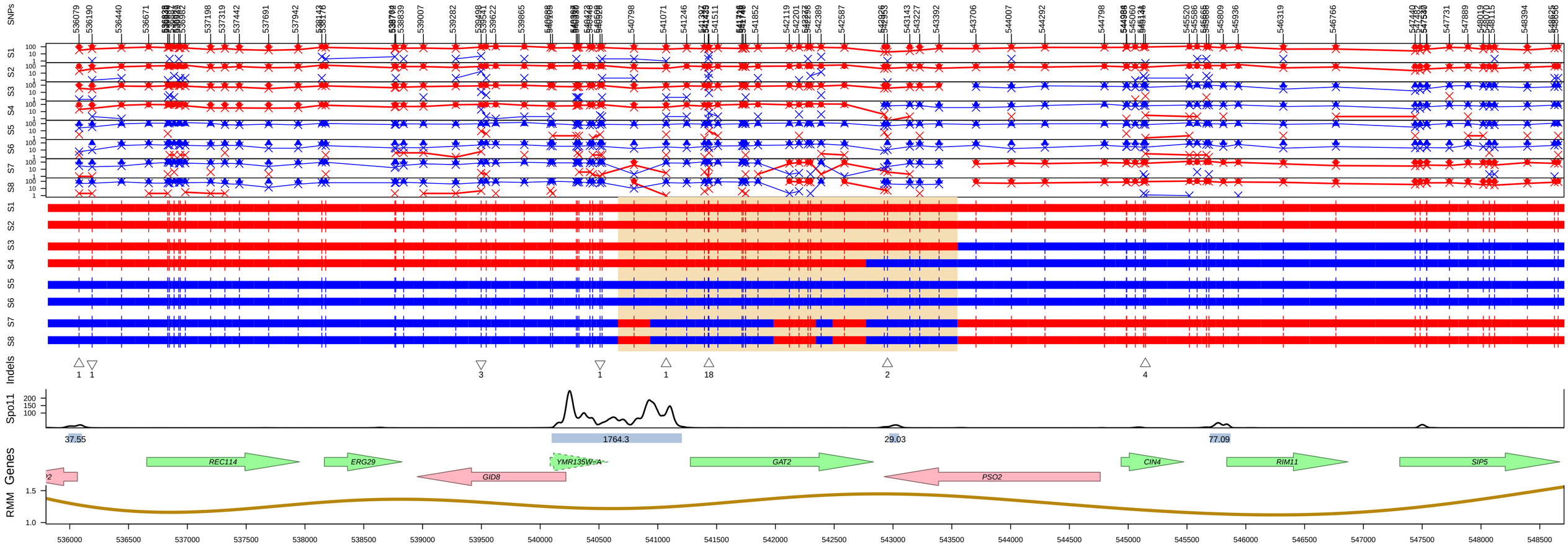
Genotype=OM1 Id=1 Chromo=1 Type=Two−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(2:6)_(3:5)_(5:3)_(4:4aCO)_(3:5)_(4:4a)
Mid Len=2260bp Midpoint=37658.75 Variants=20
Red=S288c, Blue=SK1



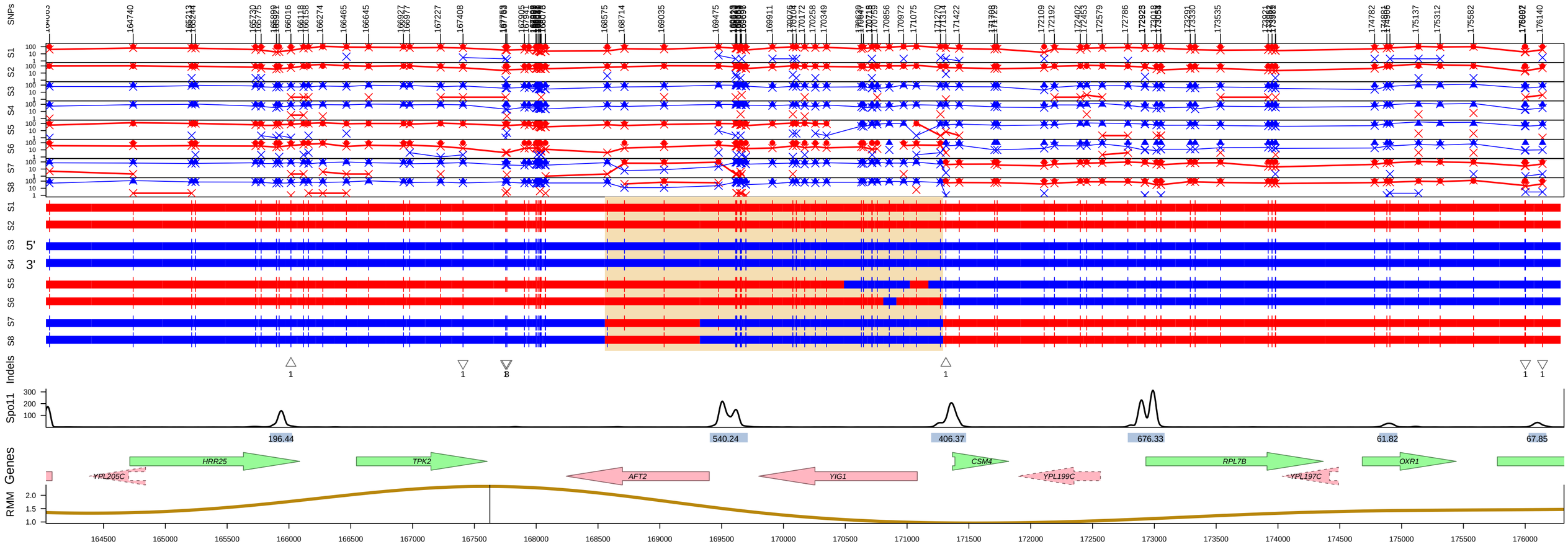
Genotype=OM1 Id=82 Chromo=7 Type=One−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4)_(5:3)_(4:4aCO)_(5:3)_(4:4a)
Mid Len=3935bp Midpoint=429638 Variants=25
Red=S288c, Blue=SK1



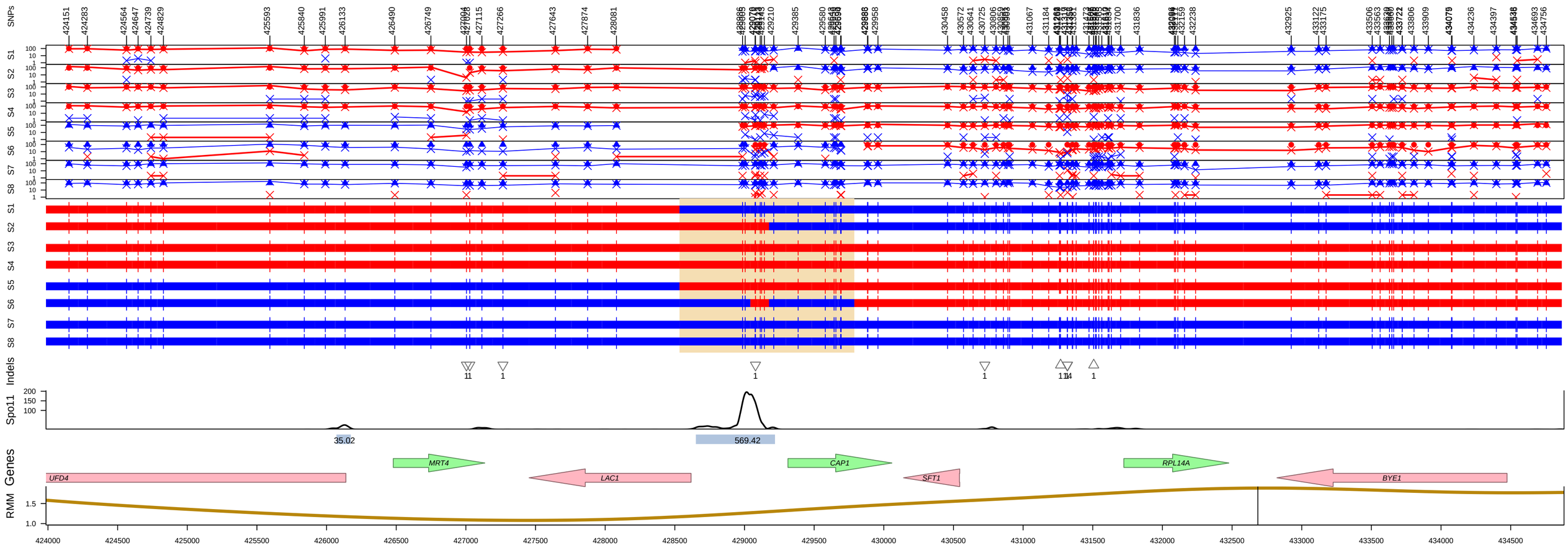
Genotype=OM1 Id=185 Chromo=15 Type=Two−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(3:5)_(4:4)_(3:5a)_(2:6)_(3:5)_(6:2)_(4:4aCO)
Mid Len=2015bp Midpoint=171290.5 Variants=9
Red=S288c, Blue=SK1



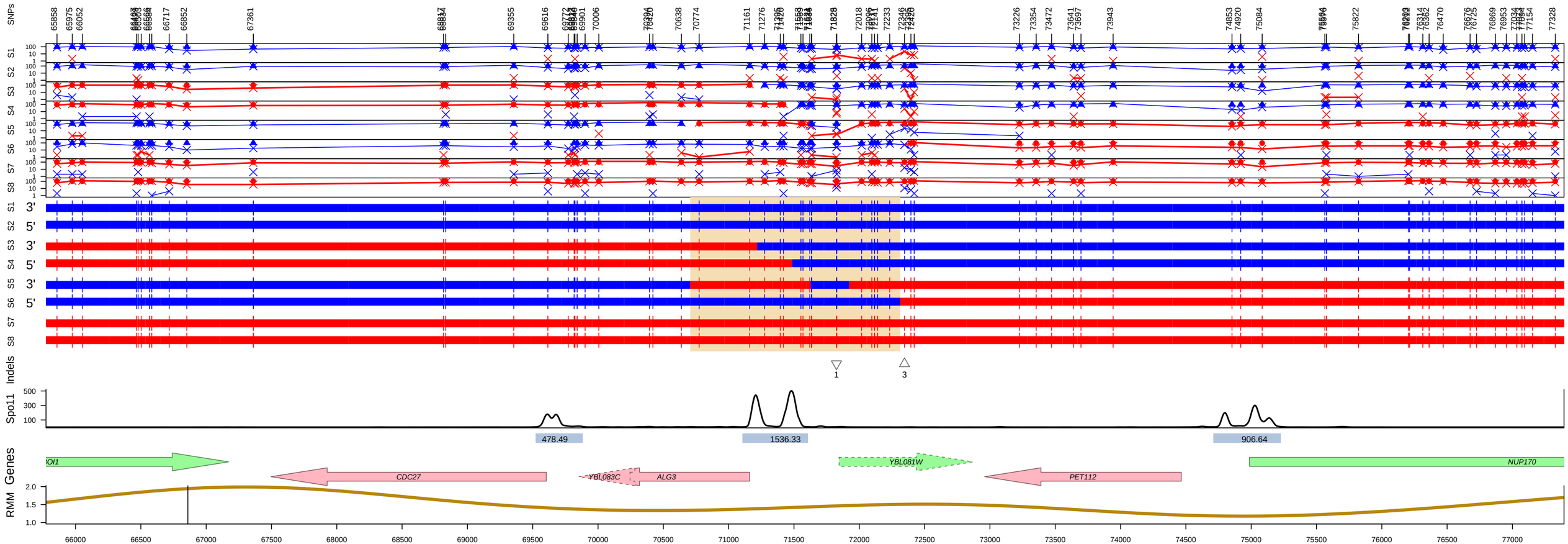
Genotype=OM1 Id=160 Chromo=13 Type=Two−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4)_(6:2)_(4:4)_(6:2)_(3:5)_(4:4aCO)
Mid Len=2887bp Midpoint=542105.5 Variants=22
Red=S288c, Blue=SK1



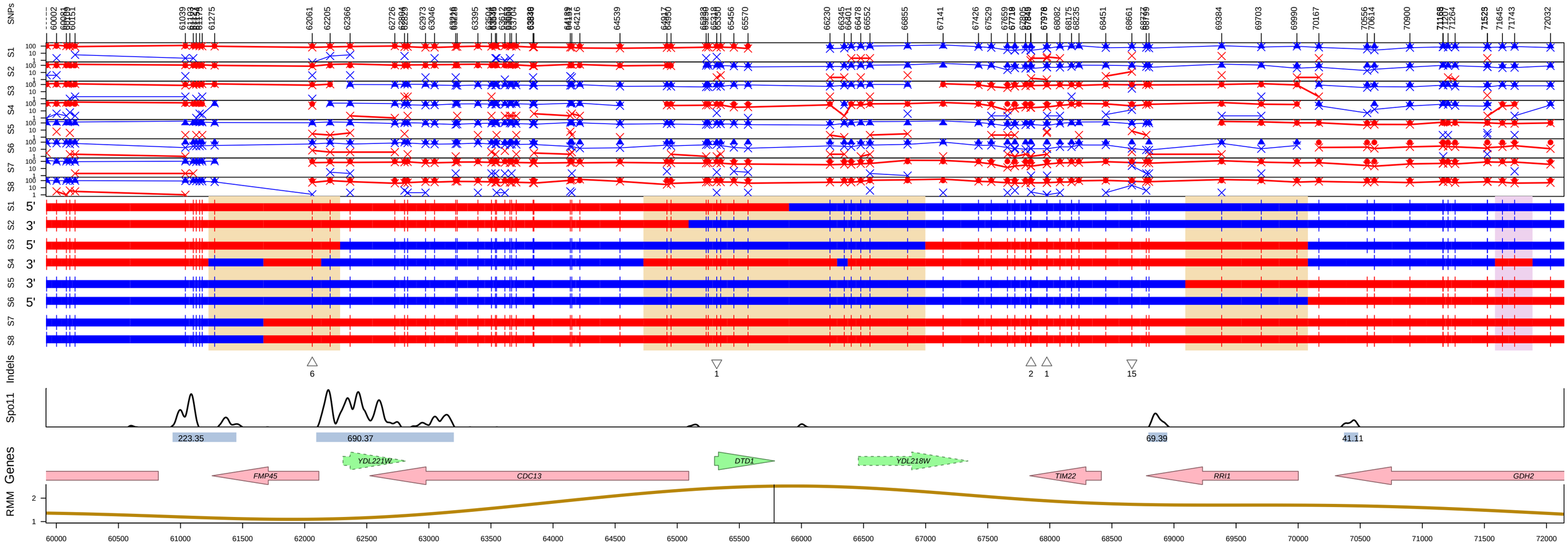
Genotype=OM1 Id=202 Chromo=16 Type=Two−Sided Bidirectional
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(6:2)_(4:4)_(3:5)_(2:6)_(3:5)_(4:4)_(3:5)_(4:4aCO)
Mid Len=2736bp Midpoint=169923.75 Variants=25
Red=S288c, Blue=SK1



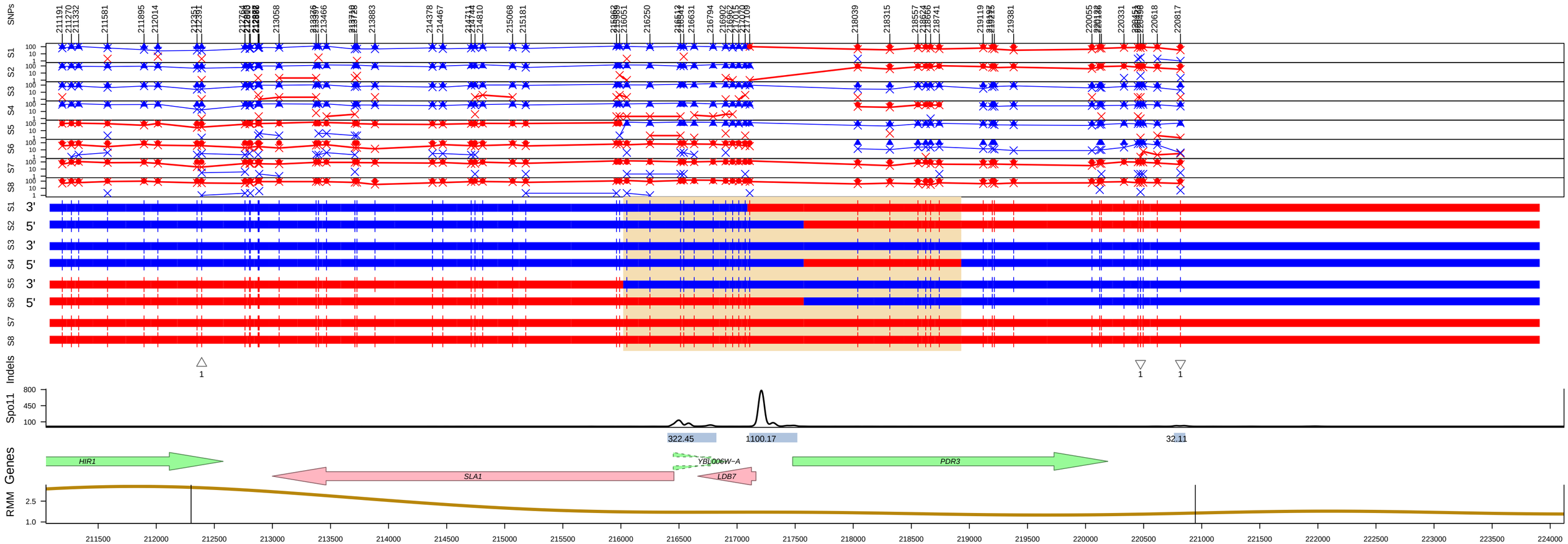
Genotype=OM1 Id=132 Chromo=11 Type=Two−Sided Bidirectional Sym 4:4
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(4:4ai)_(5:3)_(3:5)_(4:4bCO)
Mid Len=1255bp Midpoint=429161 Variants=12
Red=S288c, Blue=SK1



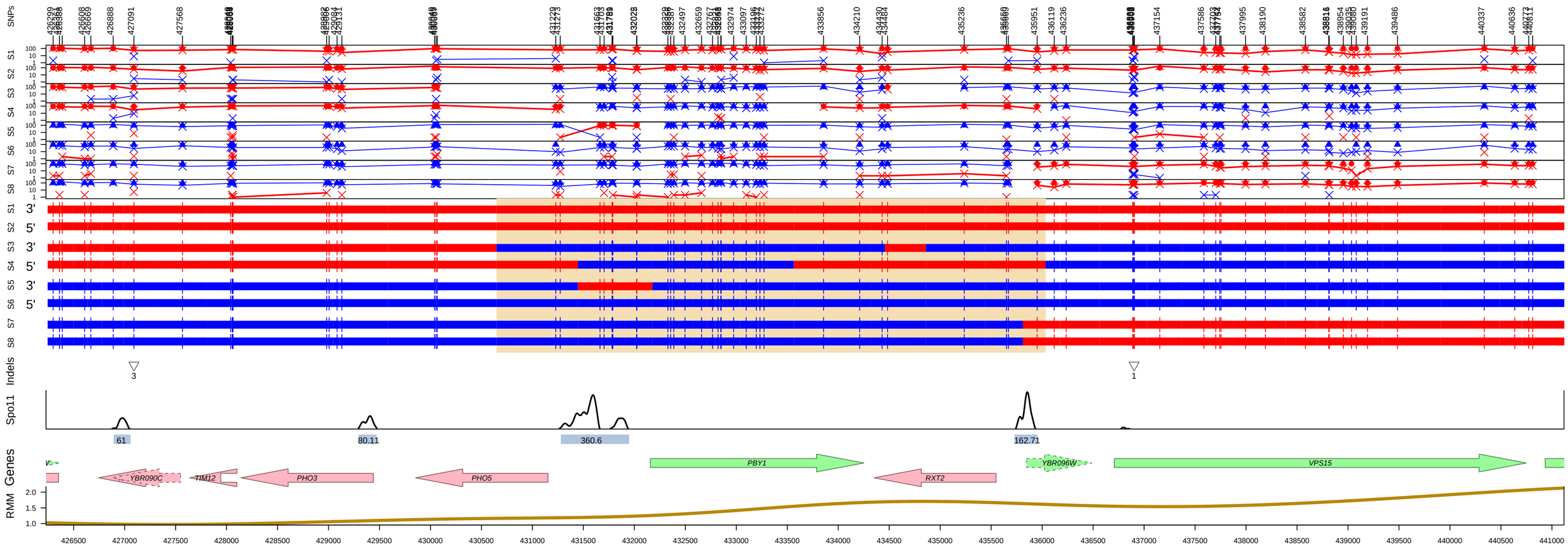
Genotype=OM1 Id=8 Chromo=2 Type=Two−Sided Bidirectional Sym 4:4
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4ai)_(3:5)_(2:6)_(3:5)_(4:4bCO)
Mid Len=1608bp Midpoint=71510 Variants=17
Red=S288c, Blue=SK1



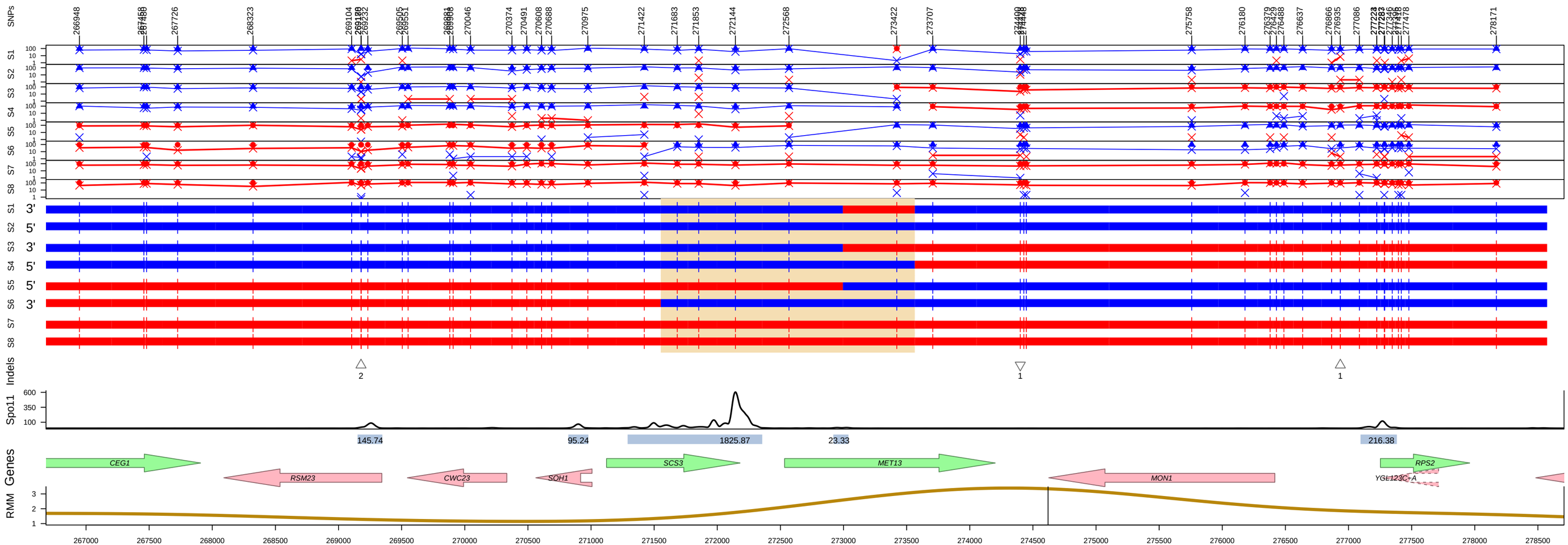
Genotype=OM1 Id=35 Chromo=4 Type=Two−Sided Bidirectional Sym 4:4
Estimated: DSBs=1, COs=1, NCOs=0
Pattern=(5:3)_(4:4ai)_(3:5)_(2:6)_(3:5)_(4:4bCO)
Mid Len=2270bp Midpoint=65863 Variants=14
Red=S288c, Blue=SK1



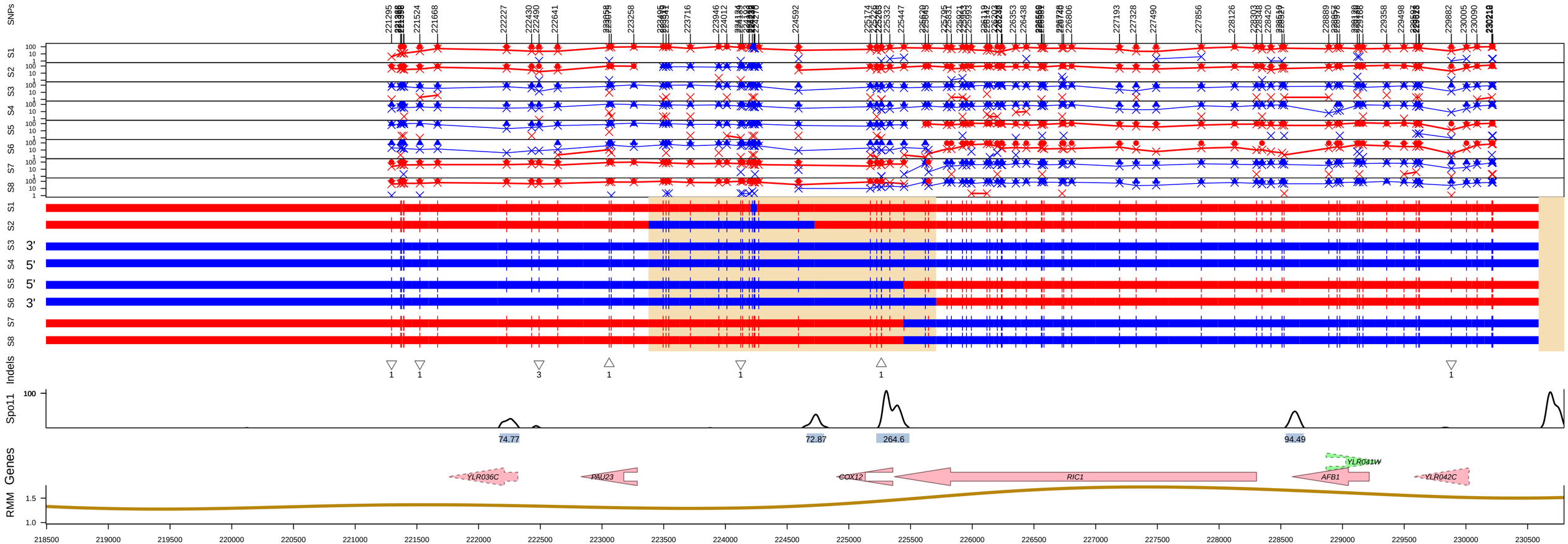
Genotype=OM1 Id=9 Chromo=2 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(3:5)_(4:4ai)_(5:3)_(4:4bCO)
Mid Len=2910bp Midpoint=217475 Variants=17
Red=S288c, Blue=SK1



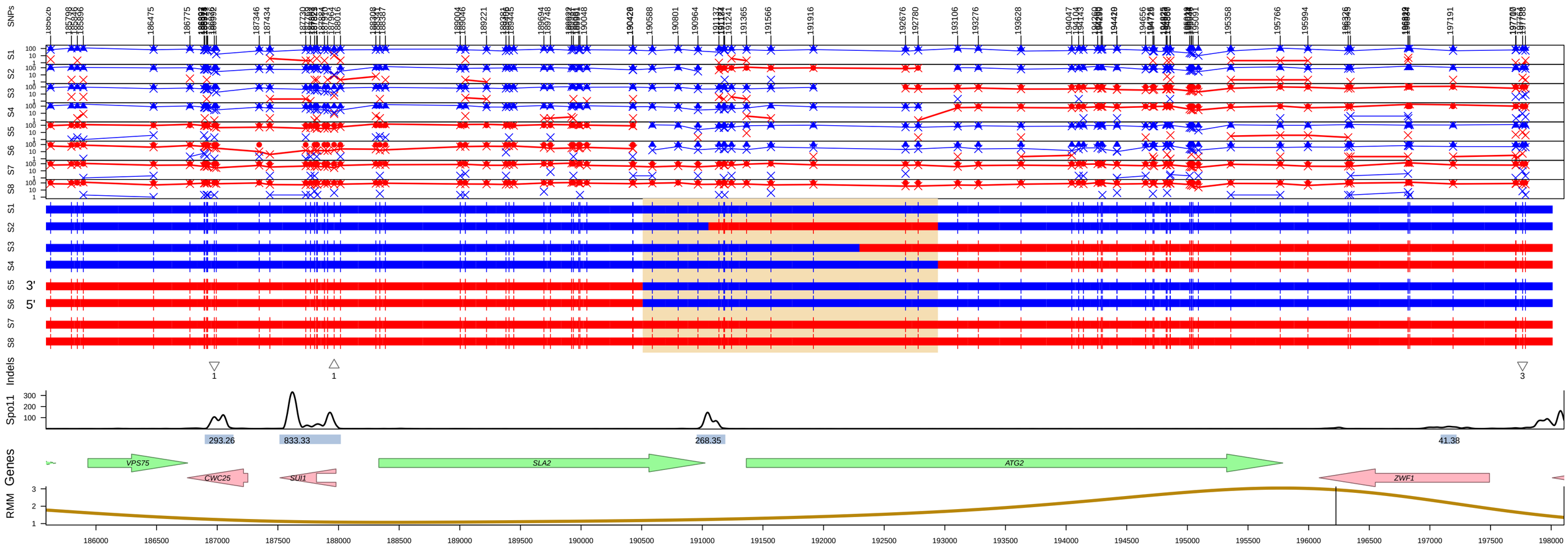
Genotype=OM1 Id=15 Chromo=2 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(3:5)_(3:5a)_(2:6)_(3:5)_(4:4)_(3:5)_(5:3)_(4:4aCO)
Mid Len=5387bp Midpoint=433341.5 Variants=29
Red=S288c, Blue=SK1



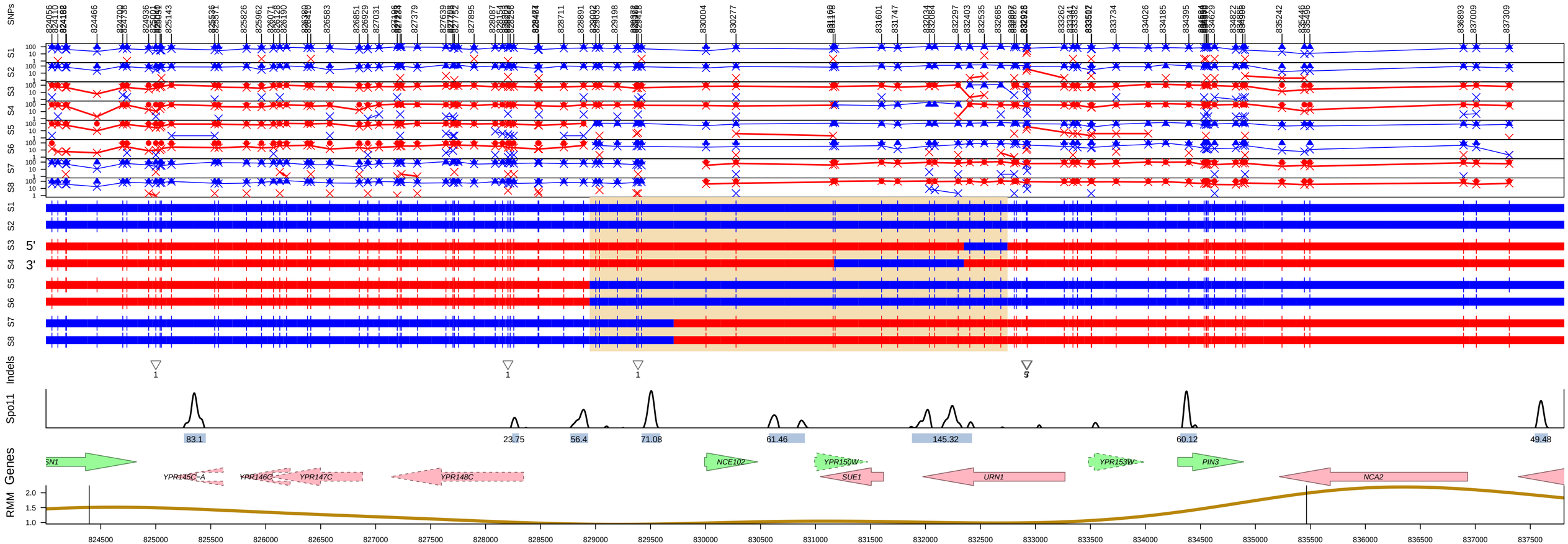
Genotype=OM1 Id=80 Chromo=7 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(3:5)_(4:4ai)_(4:4bCO)
Mid Len=2012bp Midpoint=272558.5 Variants=5
Red=S288c, Blue=SK1



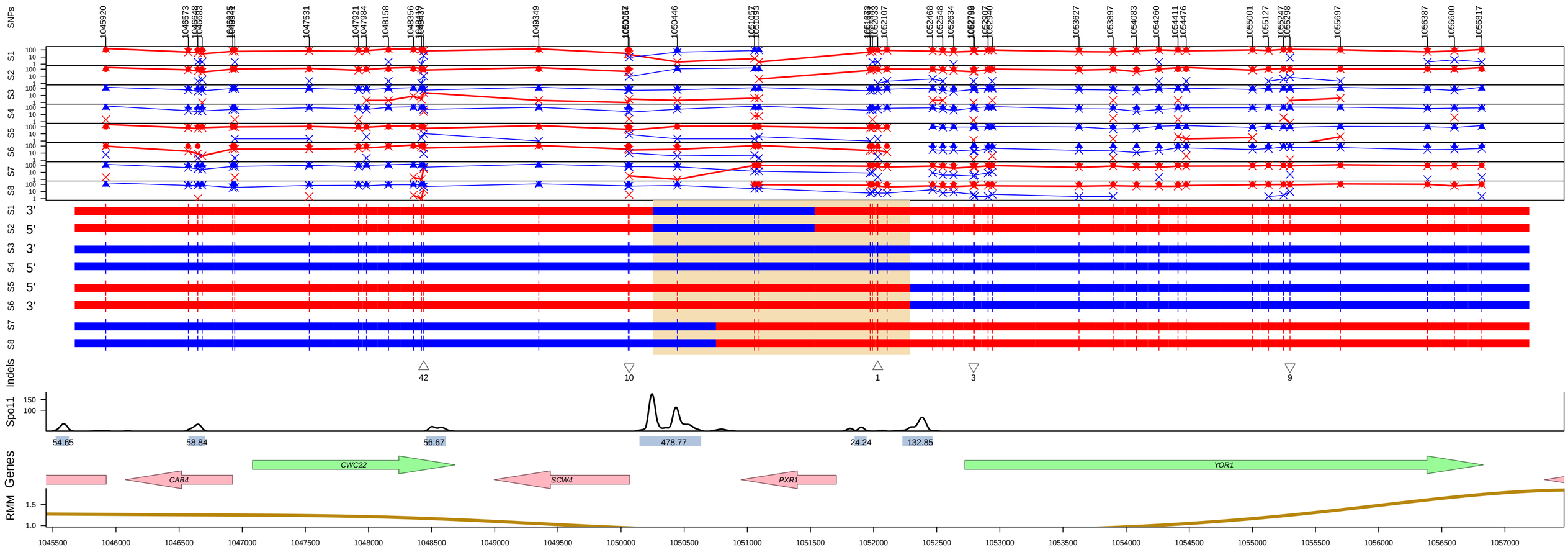
Genotype=OM1 Id=140 Chromo=12 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(3:5)_(2:6)_(3:5)_(4:4)_(3:5a)_(4:4aCO)
Mid Len=2331bp Midpoint=224542 Variants=19
Red=S288c, Blue=SK1



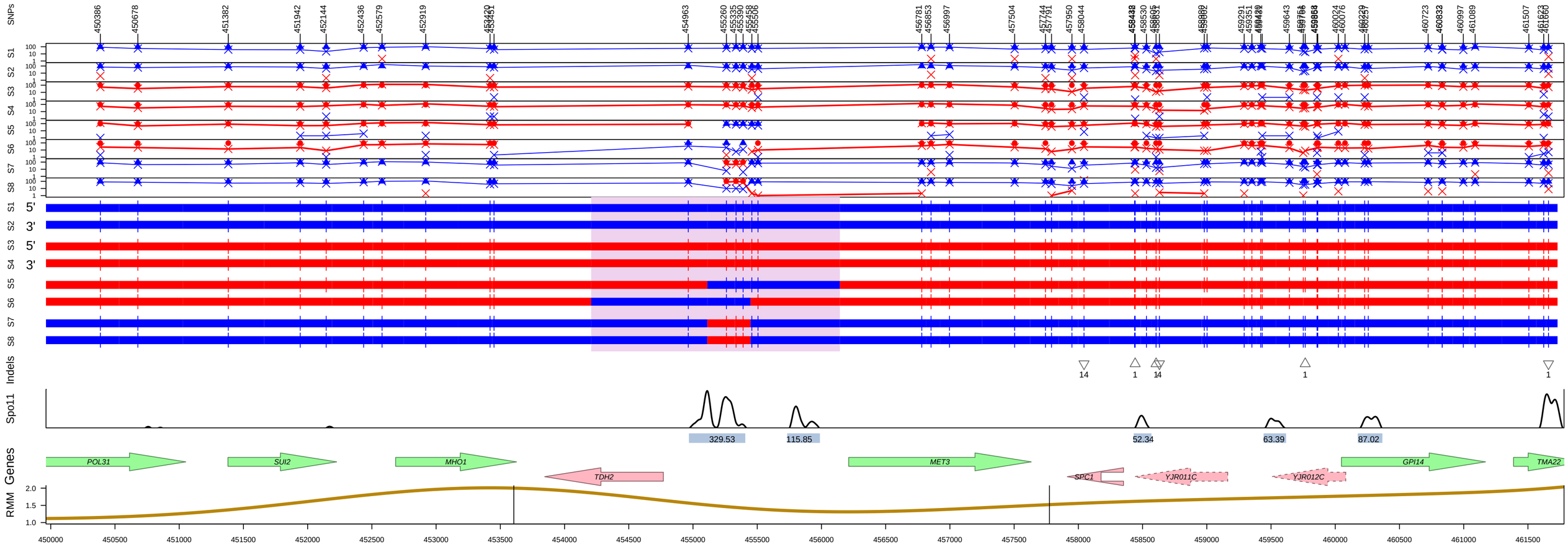
Genotype=OM1 Id=172 Chromo=14 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(2:6)_(3:5)_(4:4ai)_(4:4bCO)
Mid Len=2434bp Midpoint=191725.75 Variants=12
Red=S288c, Blue=SK1



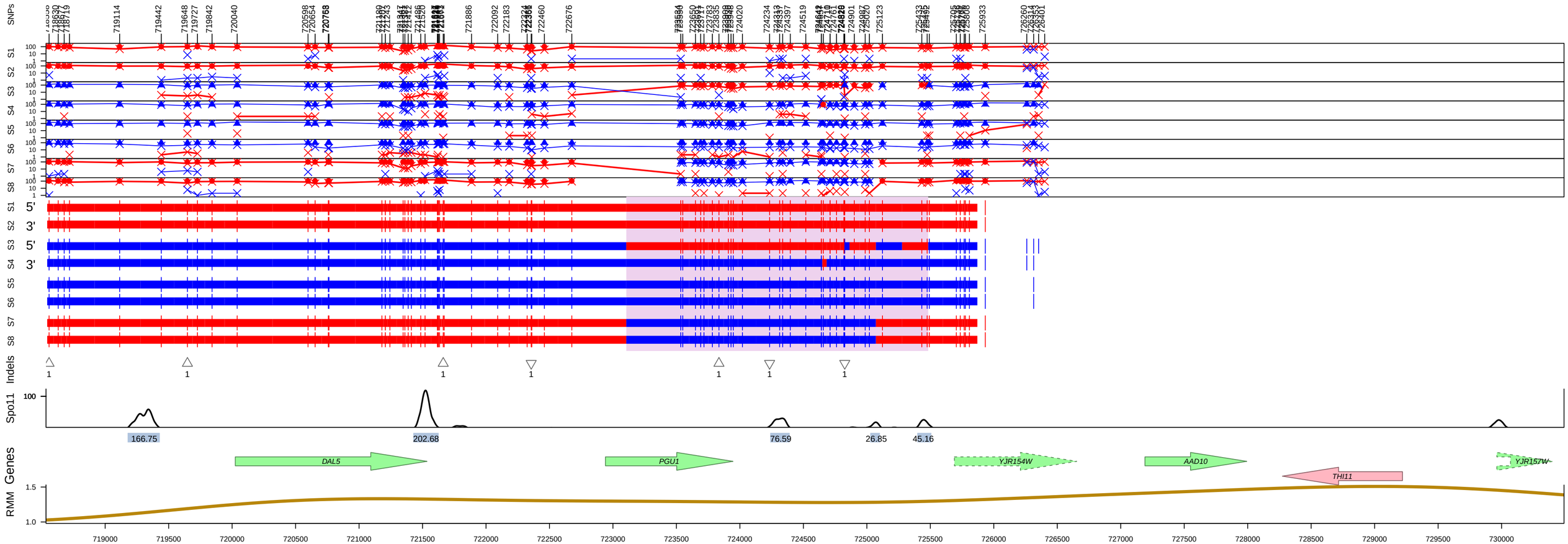
Genotype=OM1 Id=209 Chromo=16 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(2:6)_(4:4aCO)_(3:5)_(3:5a)_(4:4a)
Mid Len=3800bp Midpoint=830846.25 Variants=18
Red=S288c, Blue=SK1



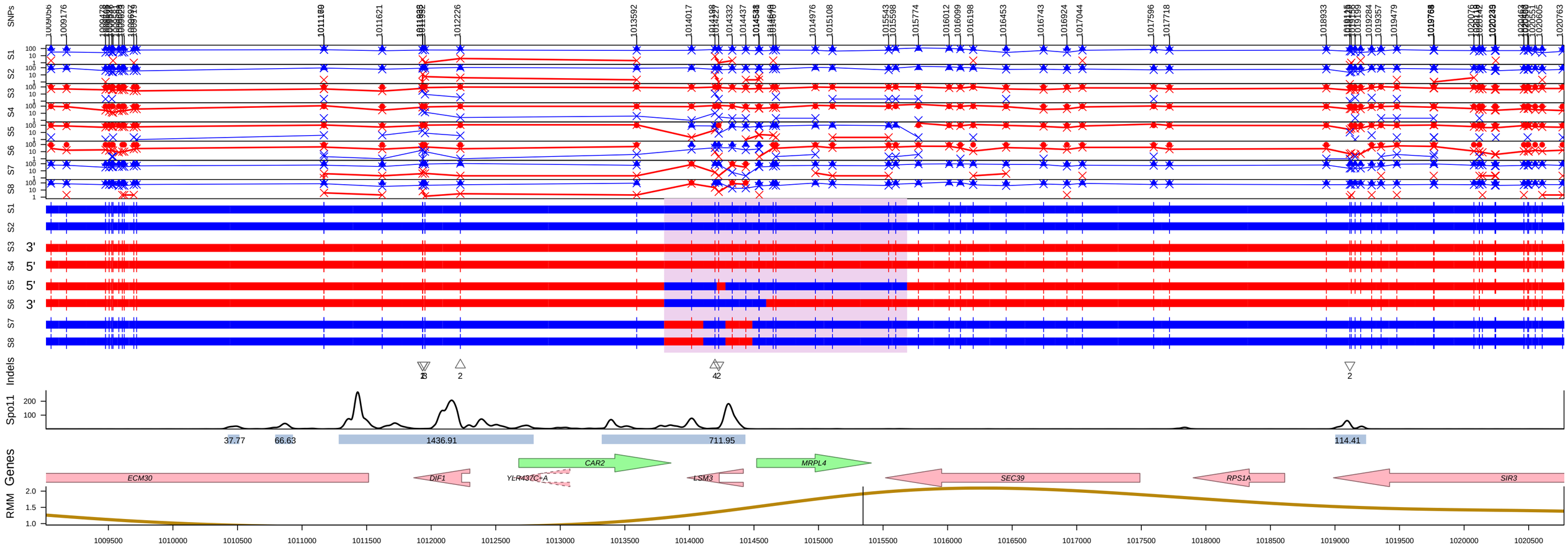
Genotype=OM1 Id=95 Chromo=7 Type=>2 Chr CO
Estimated: DSBs=2, COs=1, NCOs=1
Pattern=(2:6)_(4:4aCO)_(6:2)_(4:4bCO)
Mid Len=2032bp Midpoint=1051271.25 Variants=7
Red=S288c, Blue=SK1



Genotype=OM1 Id=122 Chromo=10 Type=dNCO
Estimated: DSBs=2, COs=0, NCOs=2
Pattern=(3:5)_(4:4aCO)_(3:5a)_(4:4CO)
Mid Len=1936bp Midpoint=455175.25 Variants=4
Red=S288c, Blue=SK1



Genotype=OM1 Id=126 Chromo=10 Type=dNCO
Estimated: DSBs=2, COs=0, NCOs=2
Pattern=(3:5)_(4:4aCO)_(3:5)_(2:6)_(3:5)_(4:4CO)_(5:3)_(4:4)
Mid Len=2378bp Midpoint=724294.25 Variants=31
Red=S288c, Blue=SK1



Genotype=OM1 Id=150 Chromo=12 Type=dNCO
Estimated: DSBs=2, COs=0, NCOs=2
Pattern=(4:4aCO)_(2:6)_(3:5)_(4:4a)_(2:6)_(3:5a)_(4:4CO)
Mid Len=1882bp Midpoint=1014745.25 Variants=13
Red=S288c, Blue=SK1