Figure S2

The following pages show the level of expression along the genome of Bacillus subtilis when growing on rich (LB) and minimal (M9) medium. The signal from genomic DNA hybridized to the same tiling chip (Rasmussen *et al.*, 2009) is also shown. Each page contain two similar plots each presenting ~44 Kb of the genome. The two blue bands show the expression in LB and M9 respectively on the positive strand, the two magenta bands show the minus strand. The darker the color the higher the expression in the given position. On top of the bands the expression level is plotted as a scaled version (0-10) of the log2 to the fold change (signal/background signal). In the middle of each plot the gDNA signal is shown for both strands, here the color scale is yellow-green-black, where black is low and yellow is high. Along the genome, in all 6 bands in the same positions, white regions indicate regions were the recent re-sequencing of the genome (AL009126.3) have shown either inserts or regions with very low similarity to the last version (see Rasmussen *et al.*, 2009). Annotated genes are shown as black arrows in the top and the bottom of each plot (annotation from AL009126.3), indicating genes on the positive and negative strand respectively. New genes are shown as red arrows below (+ strand) and above (- strand) each band. Both predicted and experimentally verified terminators and sigma-factor binding sites are shown on top of the gDNA bands. Dark red triangles: Experimentally verified terminators, red triangles: Predicted terminators, stars: Experimentally verified sigma-factor binding sites, green dots: Predicted sigma-factor binding sites.
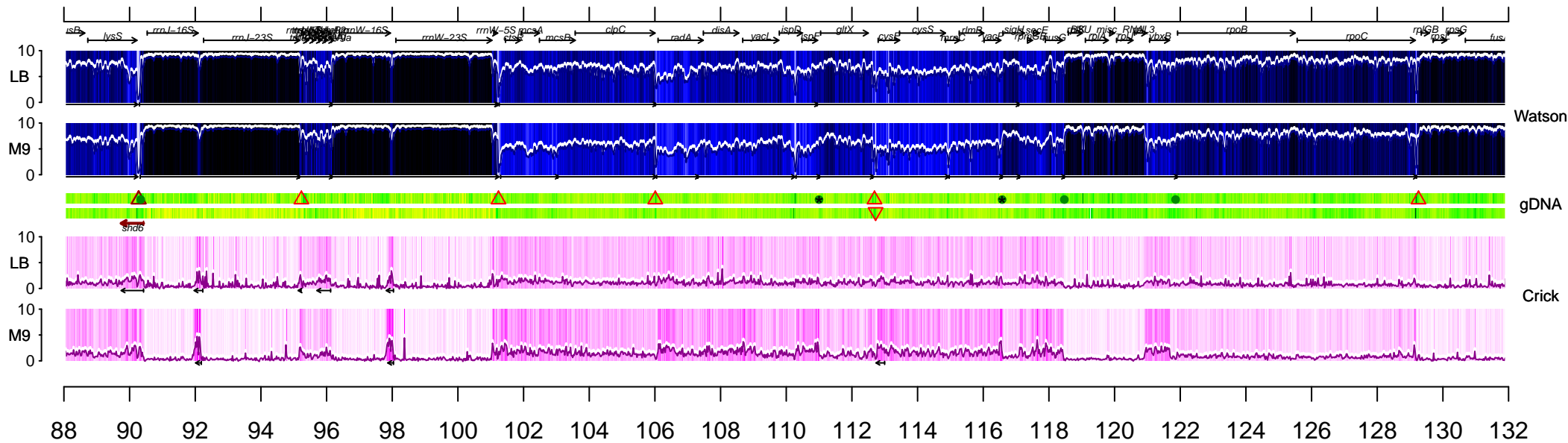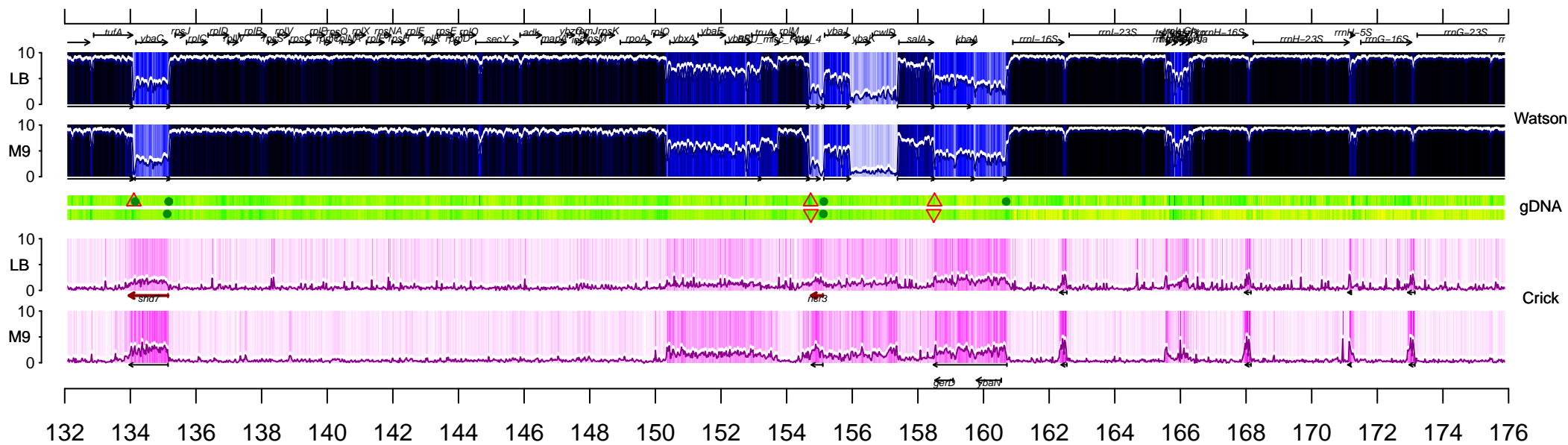
0 – 44 Kb
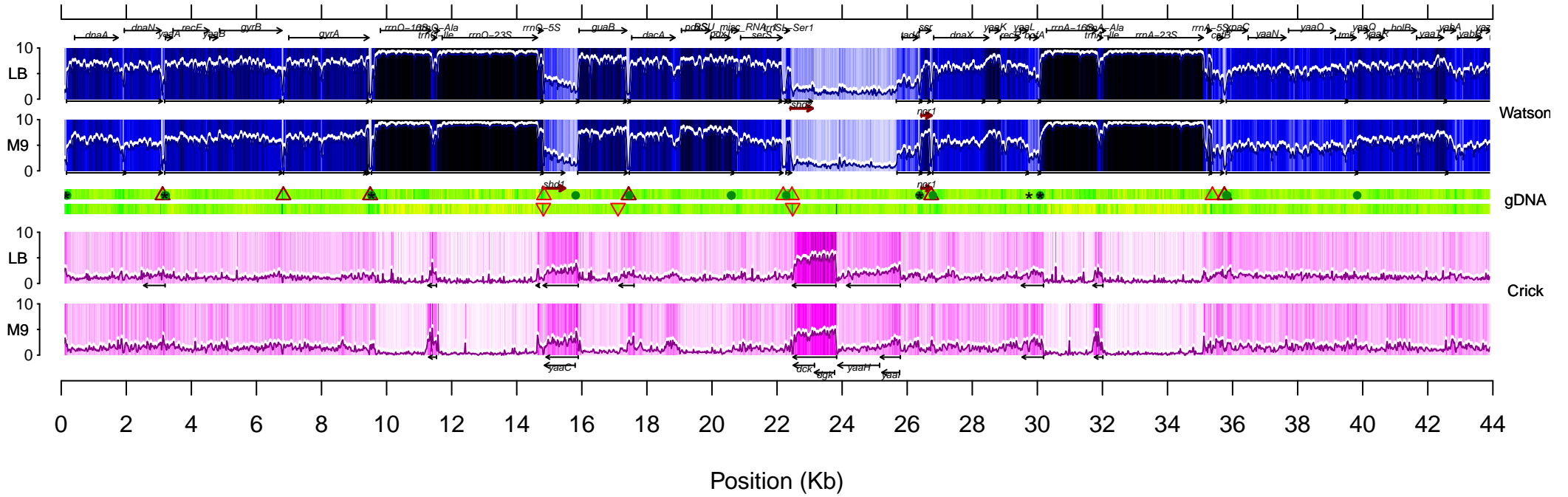
44 – 88 Kb
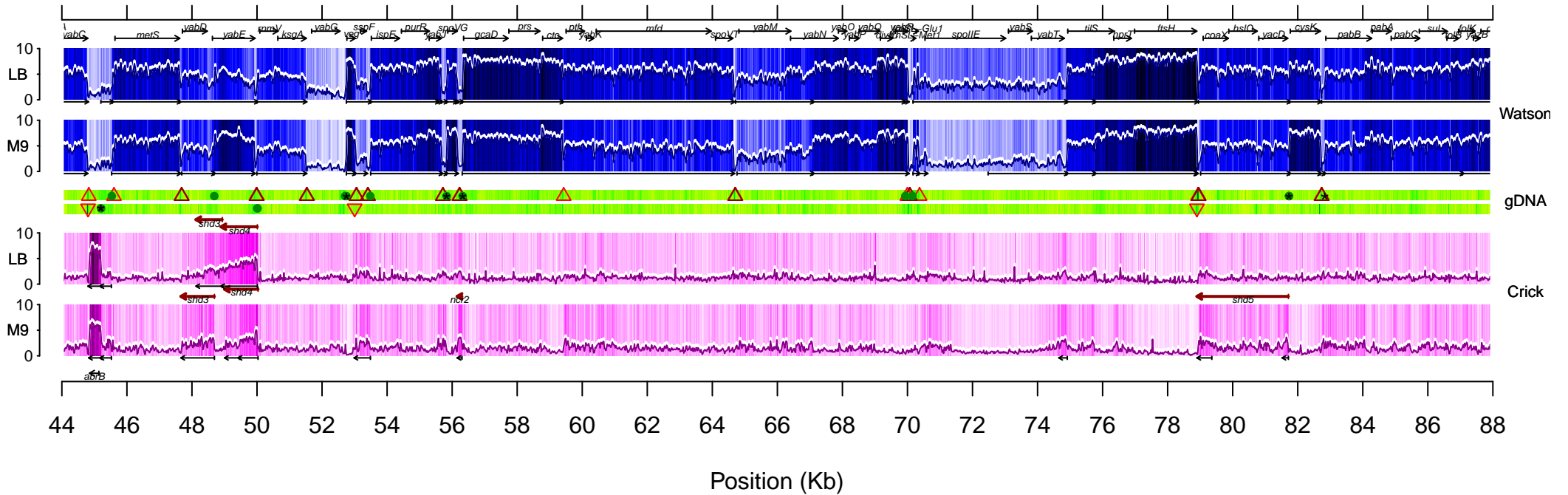
Position (Kb)
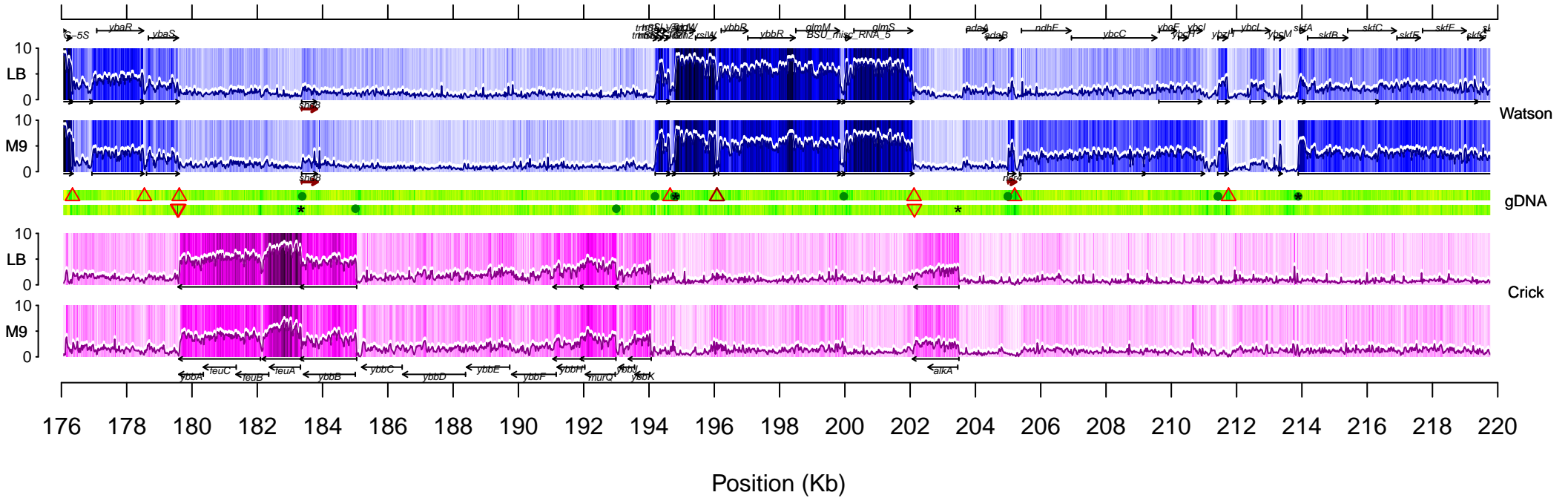
88 – 132 Kb

Position (Kb)

132 – 176 Kb
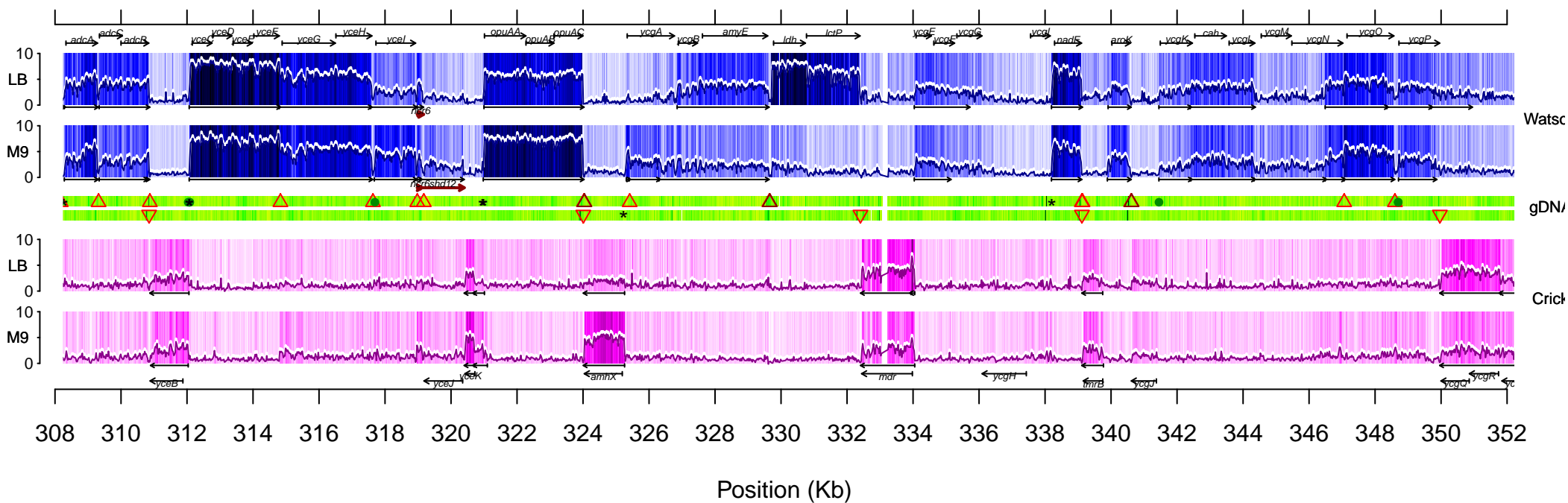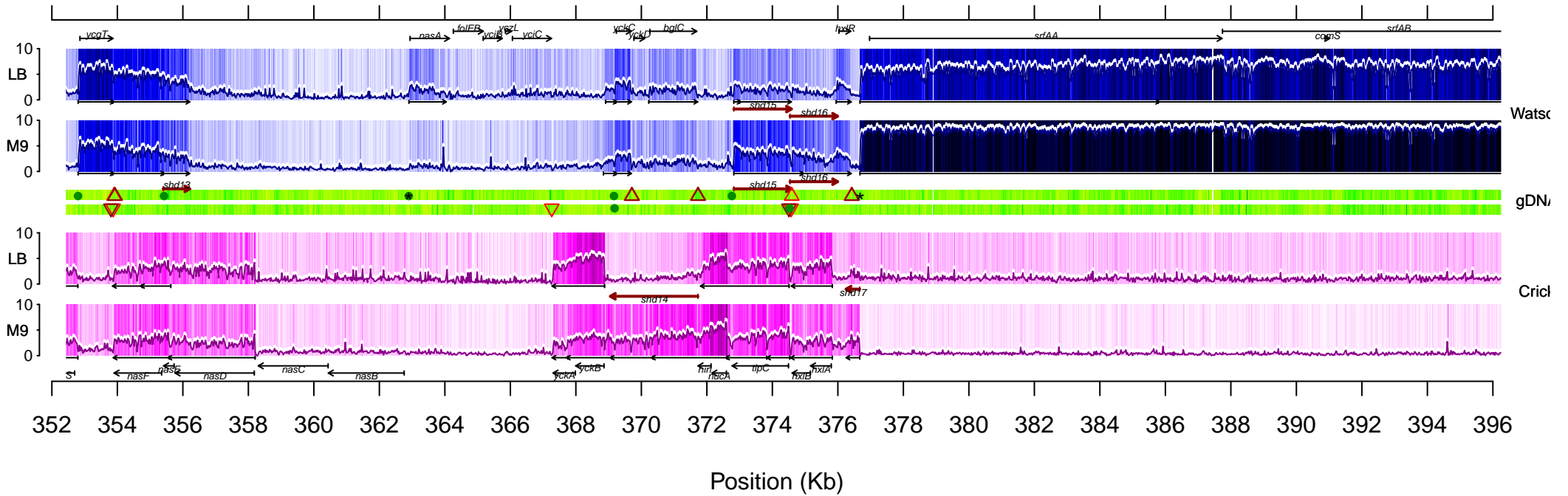
Position (Kb)

176 – 220 Kb

220 – 264 Kb

Position (Kb)

264 – 308 Kb
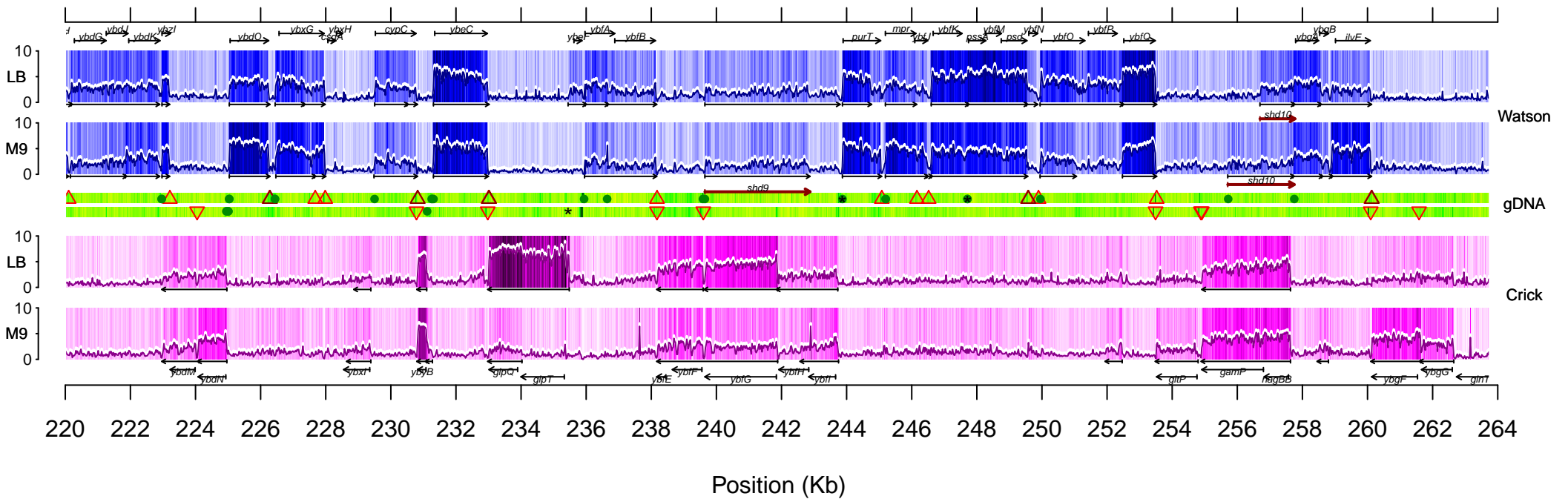
Position (Kb)
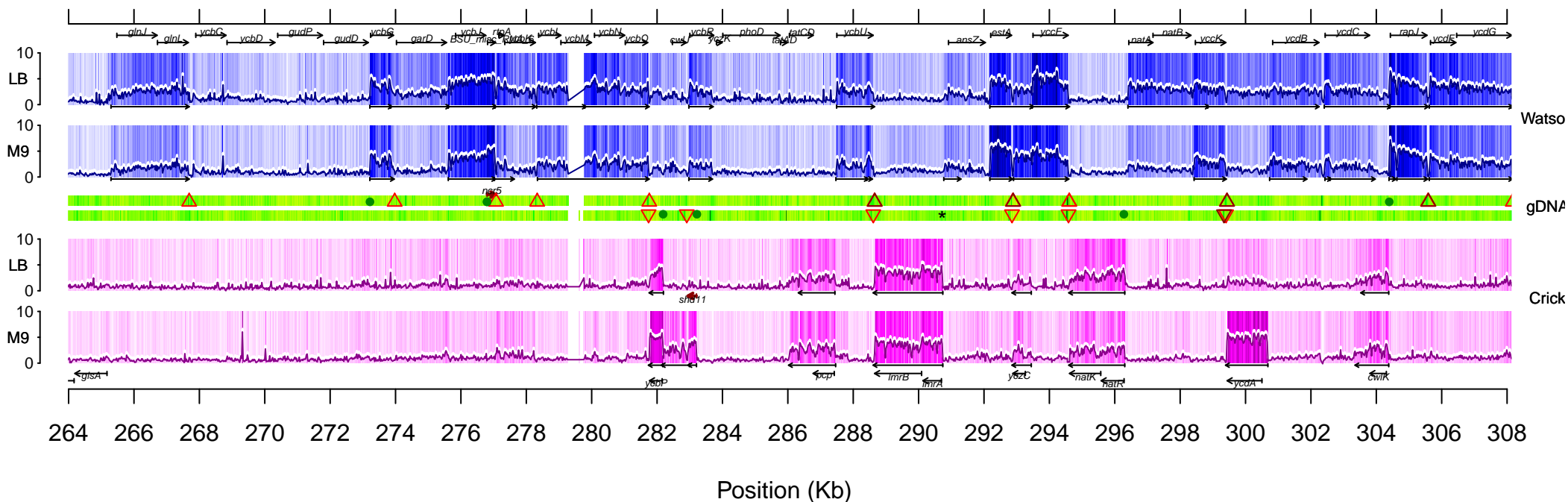
308 – 352 Kb

Position (Kb)

352 – 396 Kb

396 – 440 Kb
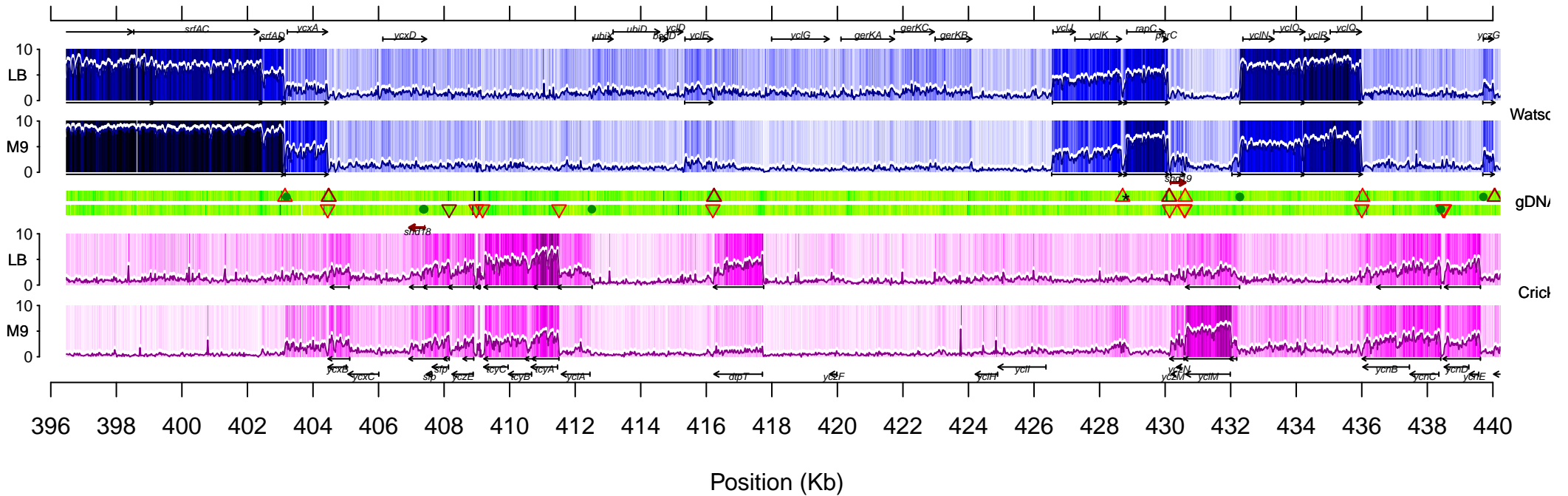
440 – 485 Kb
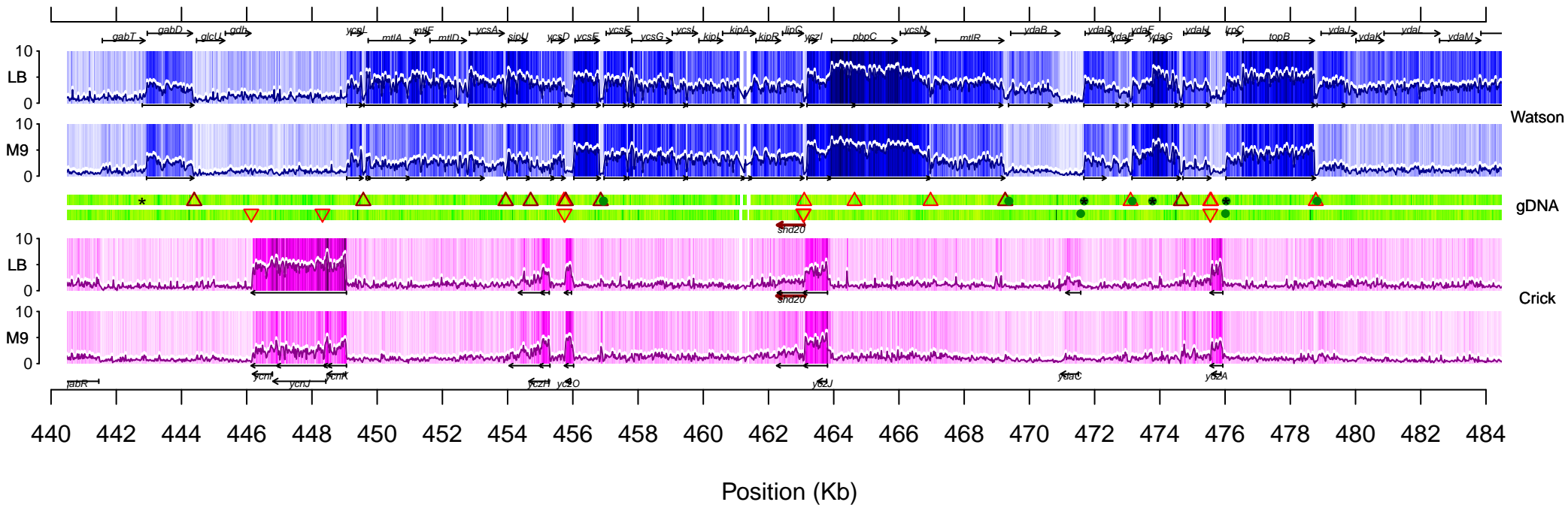
485 – 529 Kb
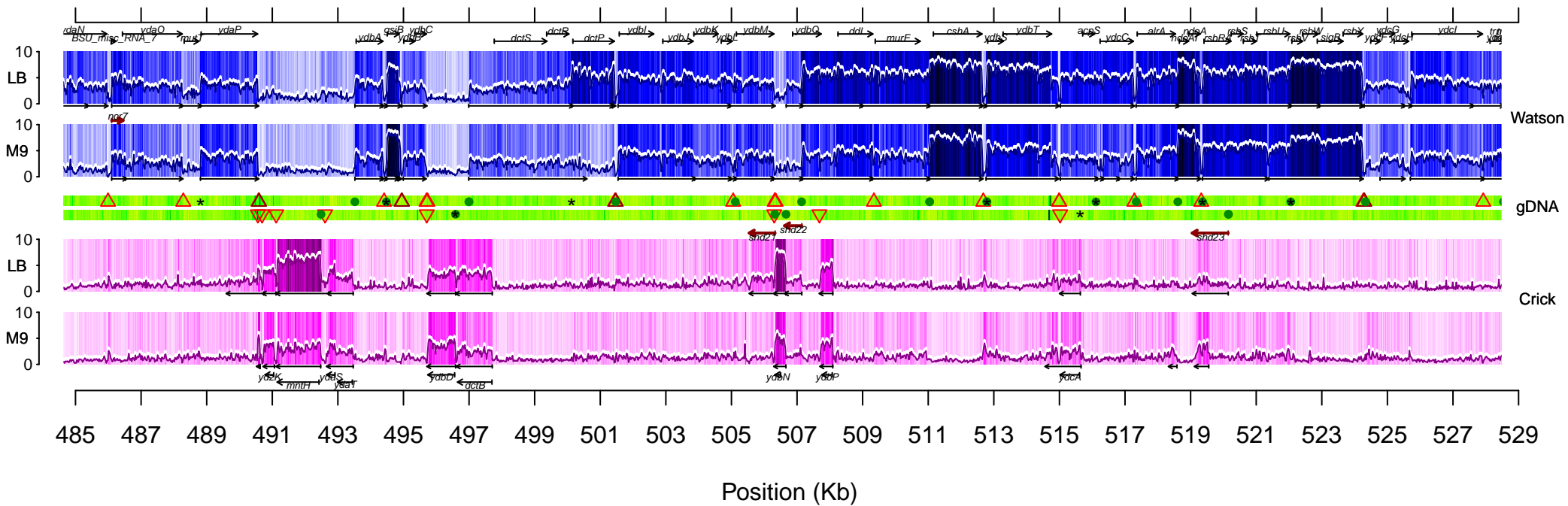
529 – 573 Kb

573 – 616 Kb

616 – 660 Kb
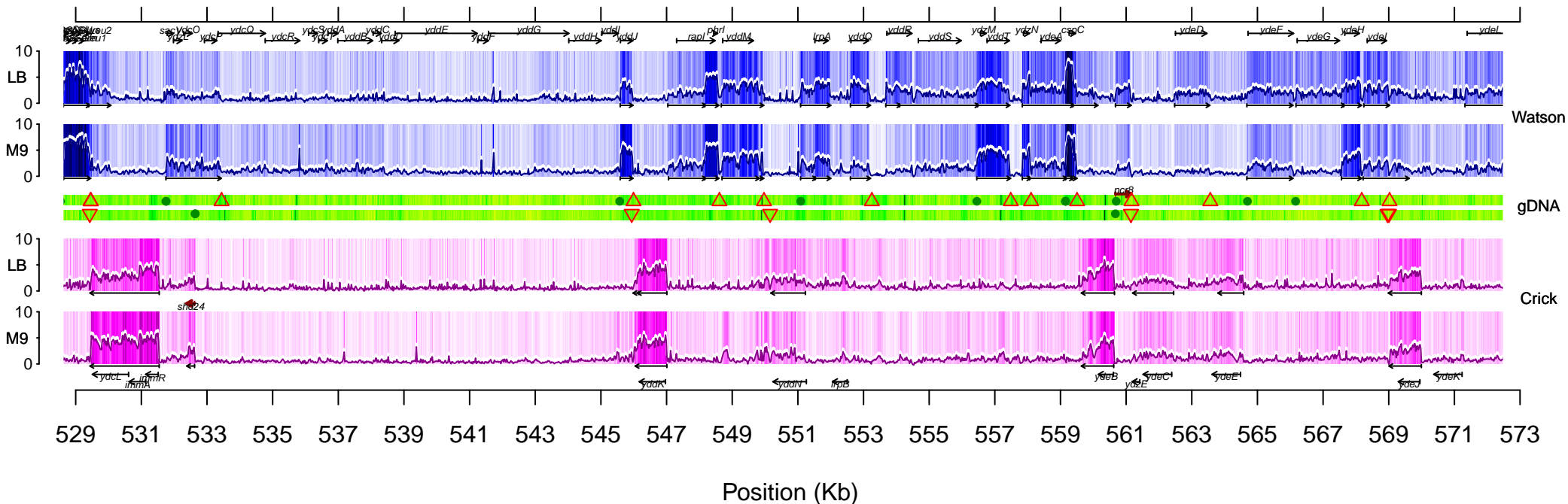
660 – 705 Kb
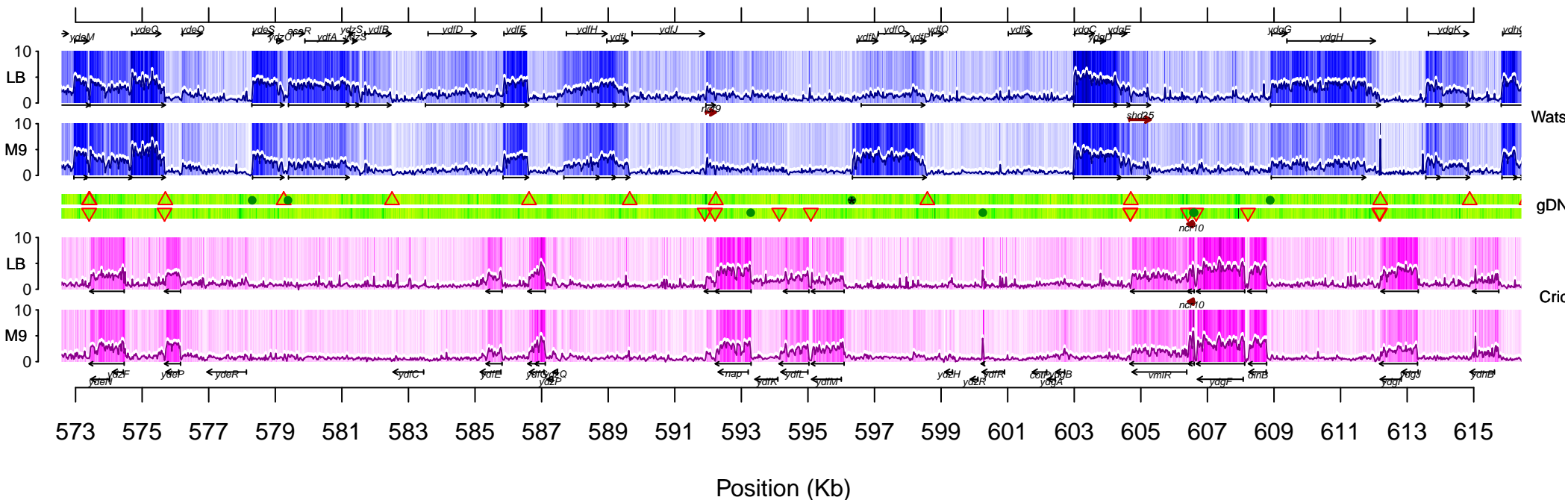
705 – 749 Kb
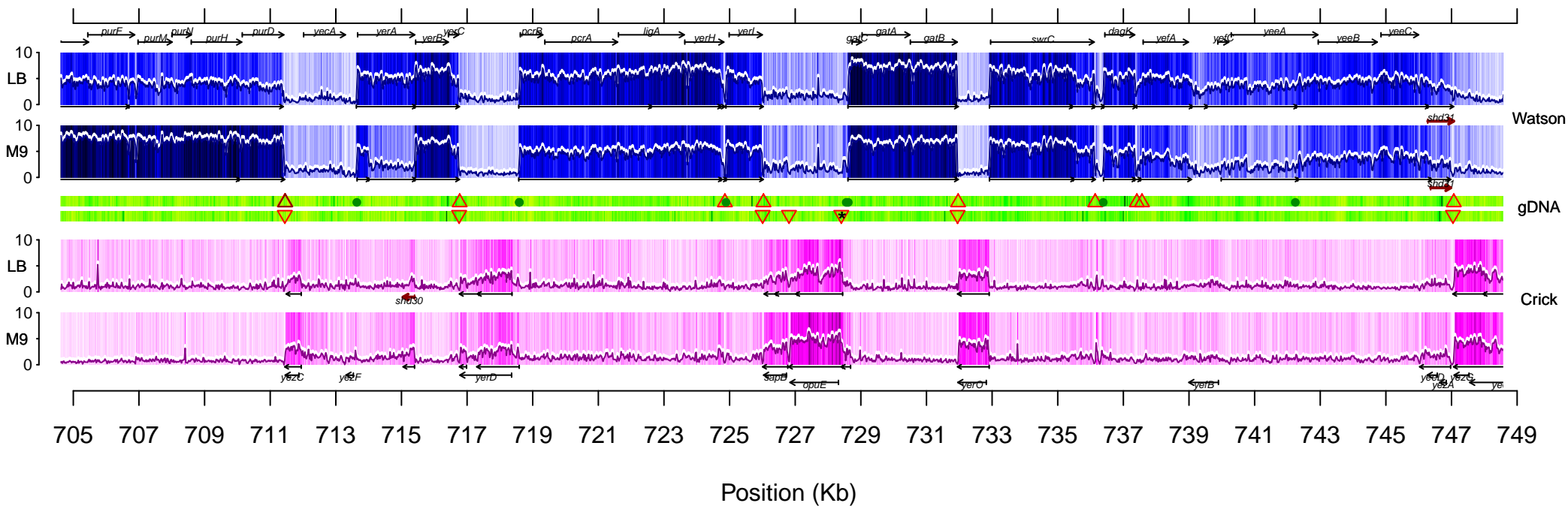
749 – 793 Kb
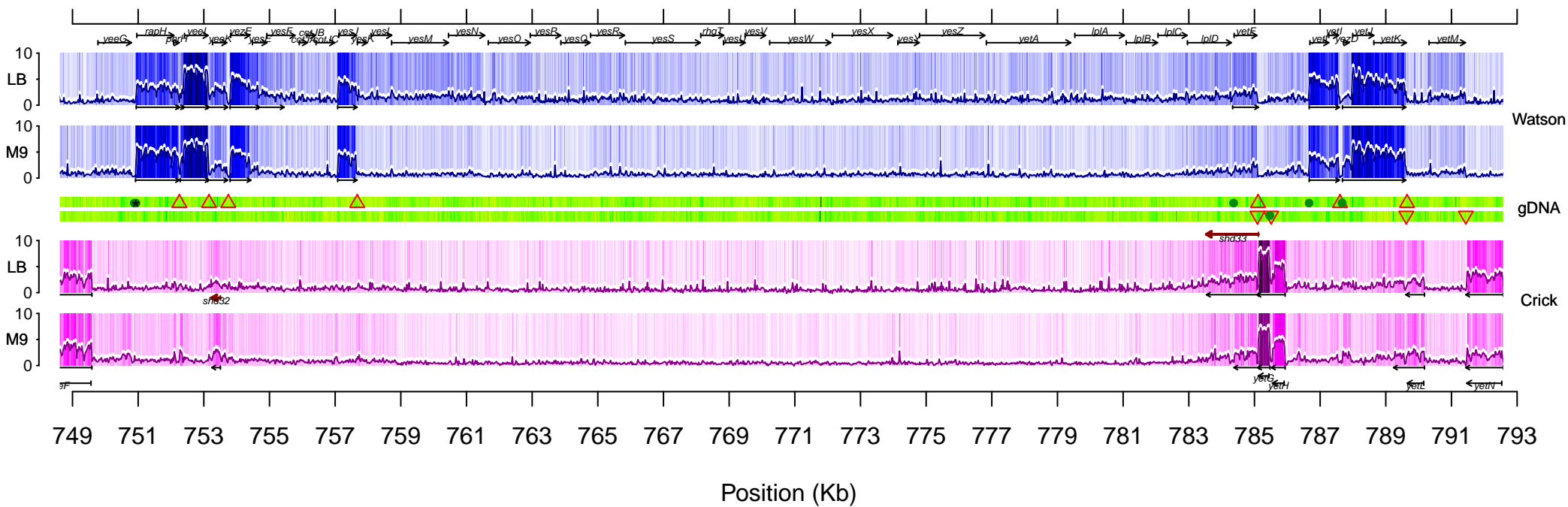
793 – 837 Kb
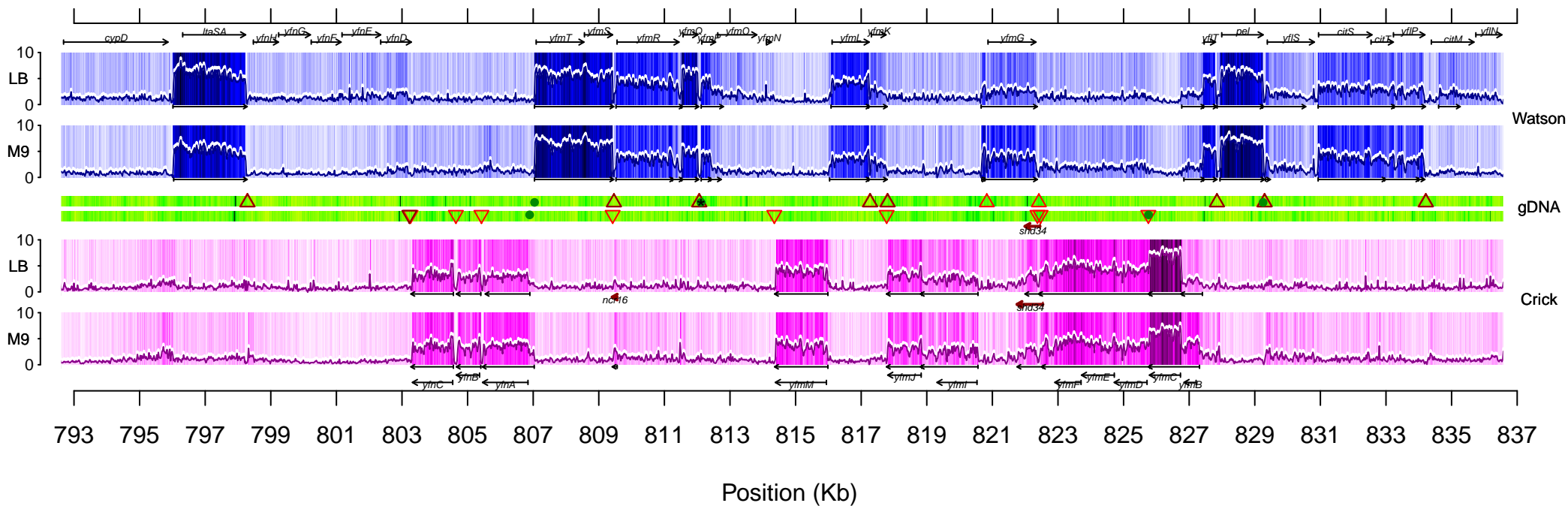
837 – 881 Kb
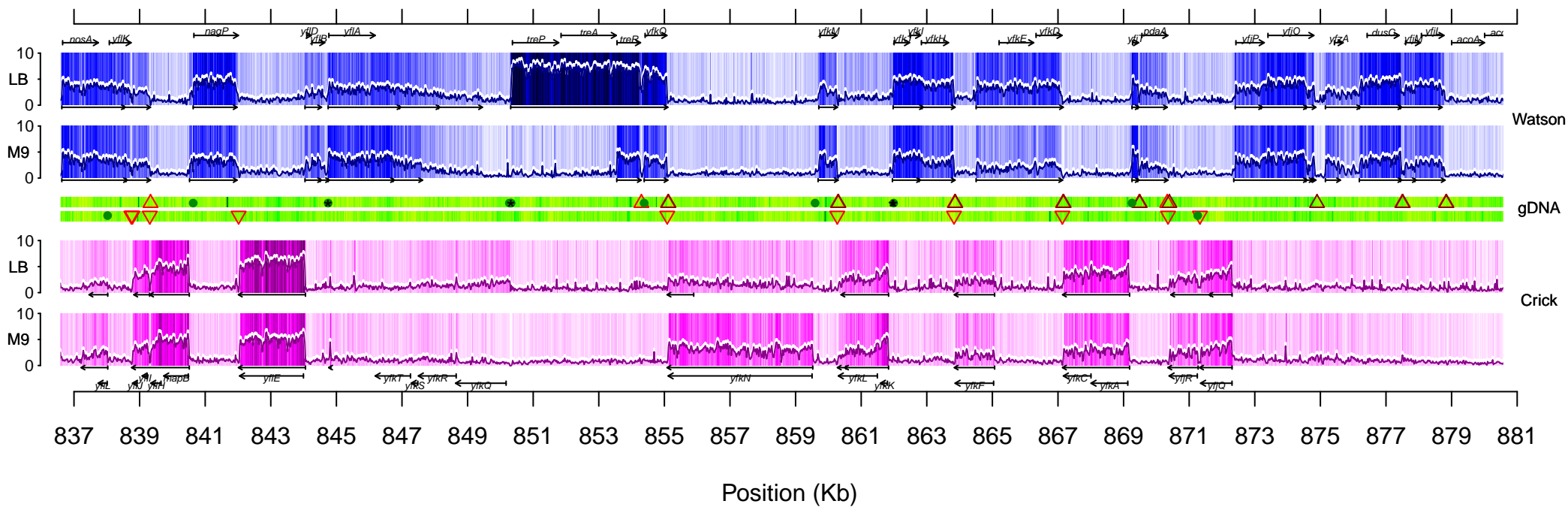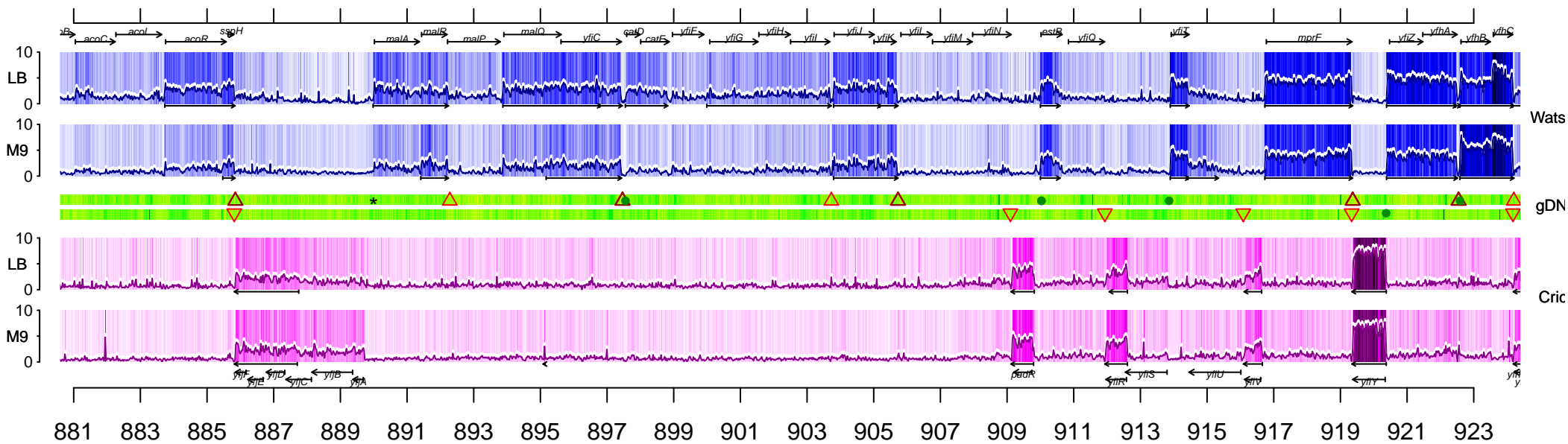
881 – 924 Kb

924 – 968 Kb
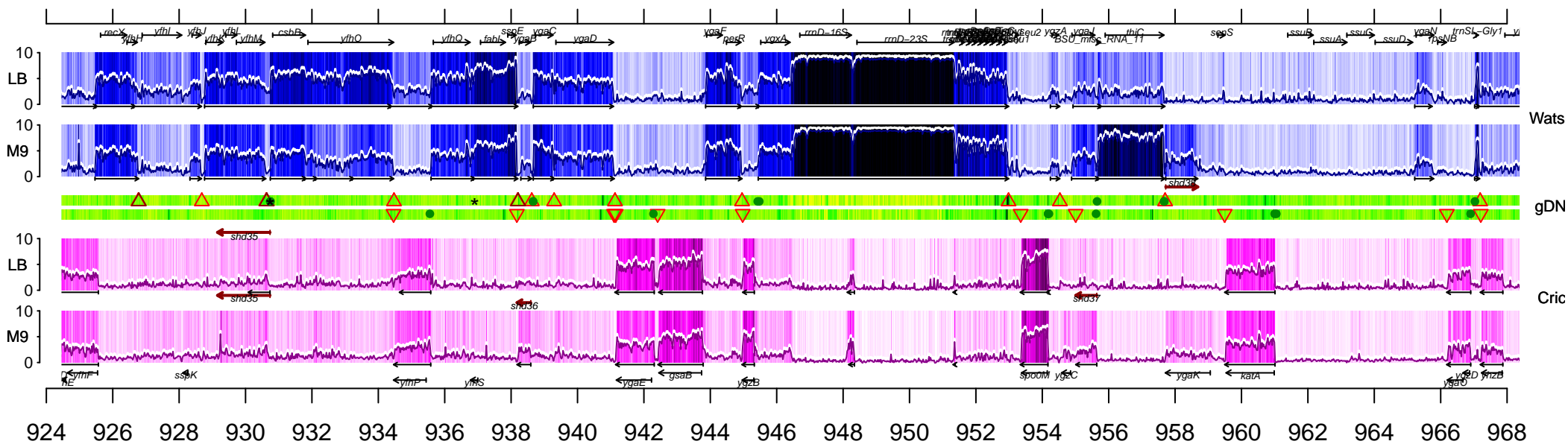
Position (Kb)

968 – 1012 Kb

Position (Kb)
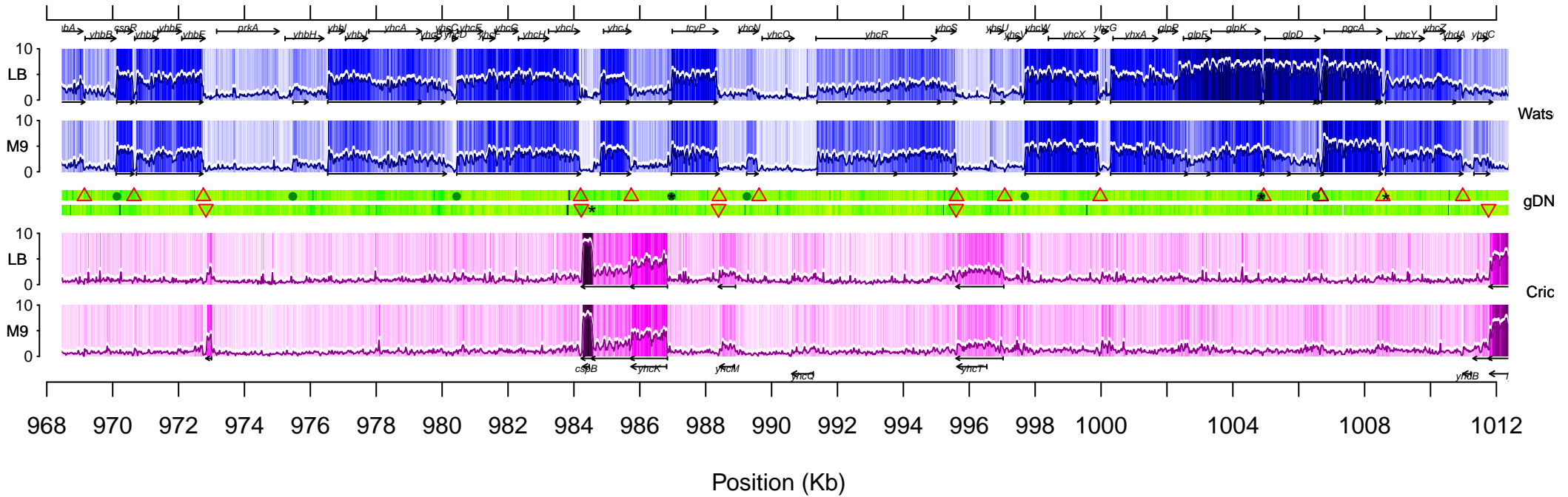
1012 – 1056 Kb
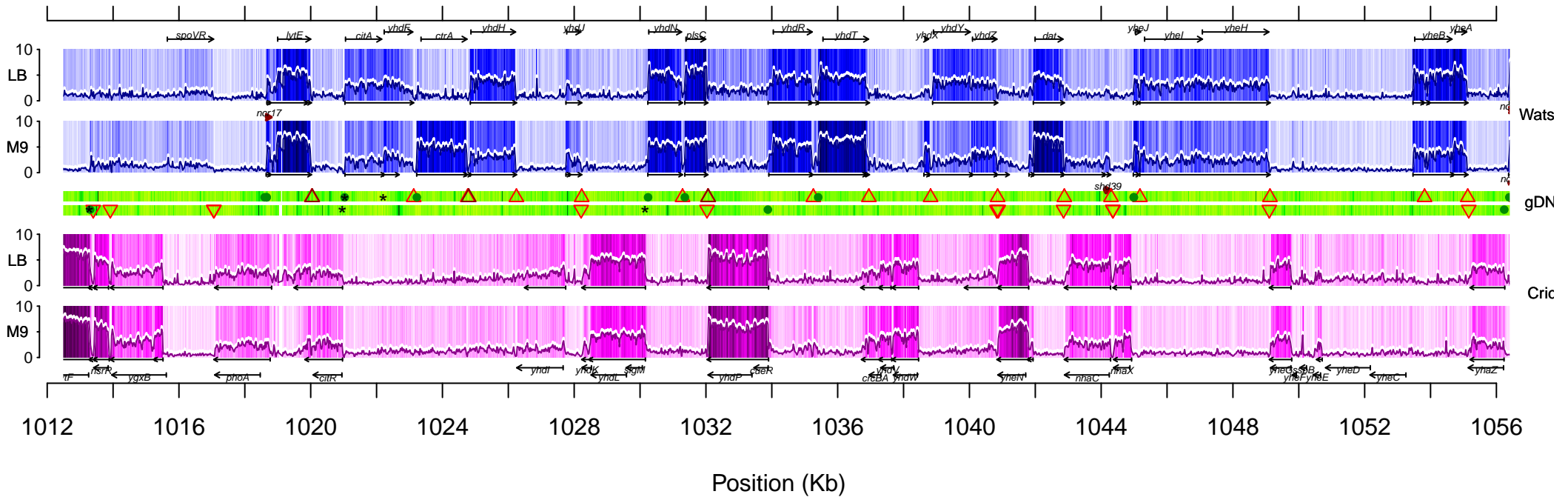
Position (Kb)

1056 – 1100 Kb
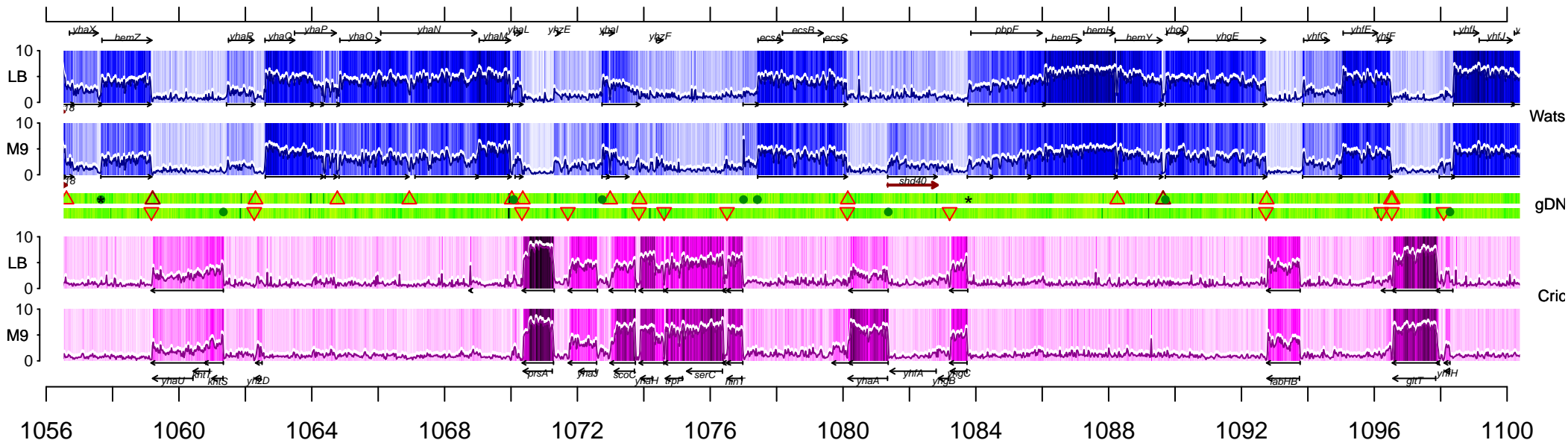
Position (Kb)

1100 – 1144 Kb
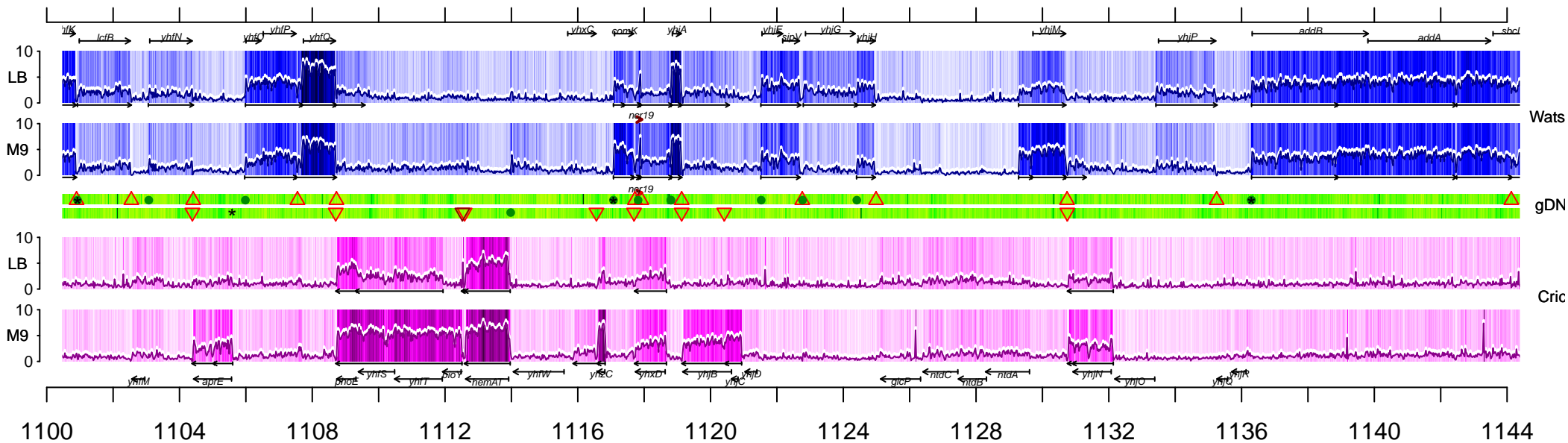
Position (Kb)

1144 – 1188 Kb
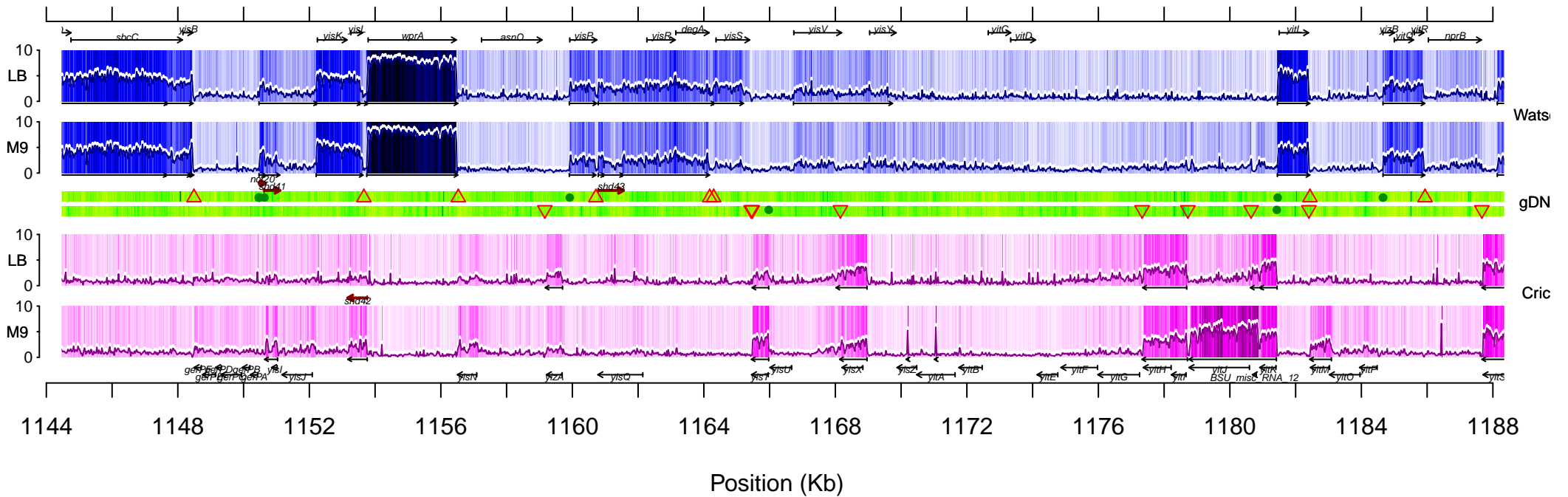
1188 – 1232 Kb
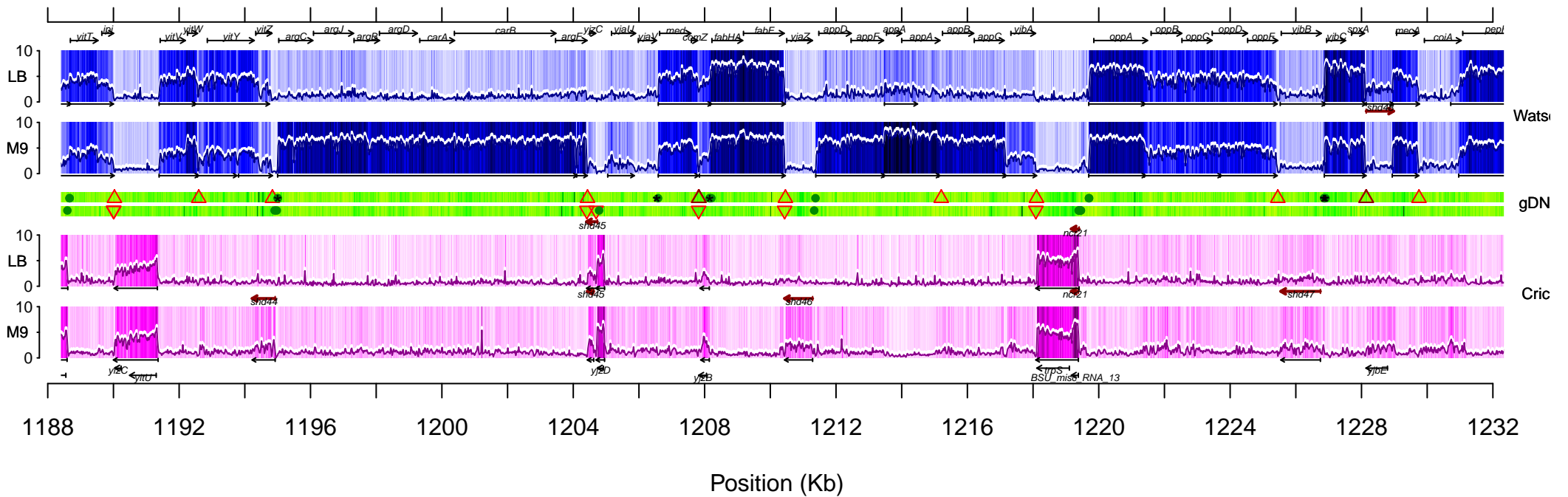
1232 – 1276 Kb
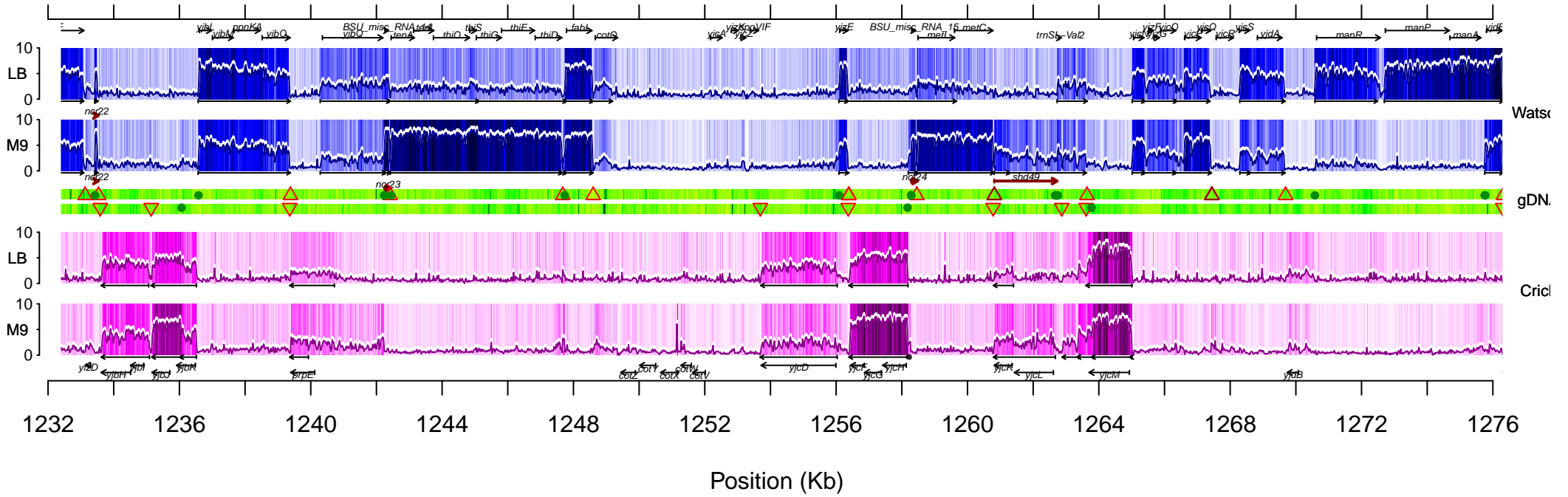
1276 – 1320 Kb

Position (Kb)
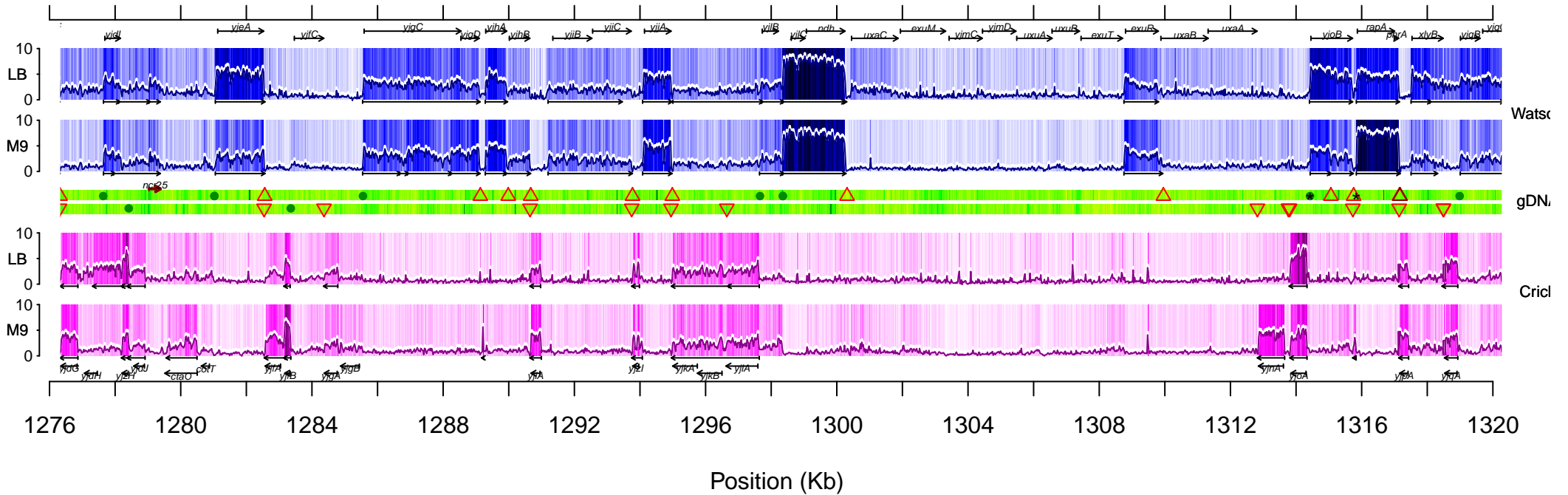
1320 − 1364 Kb
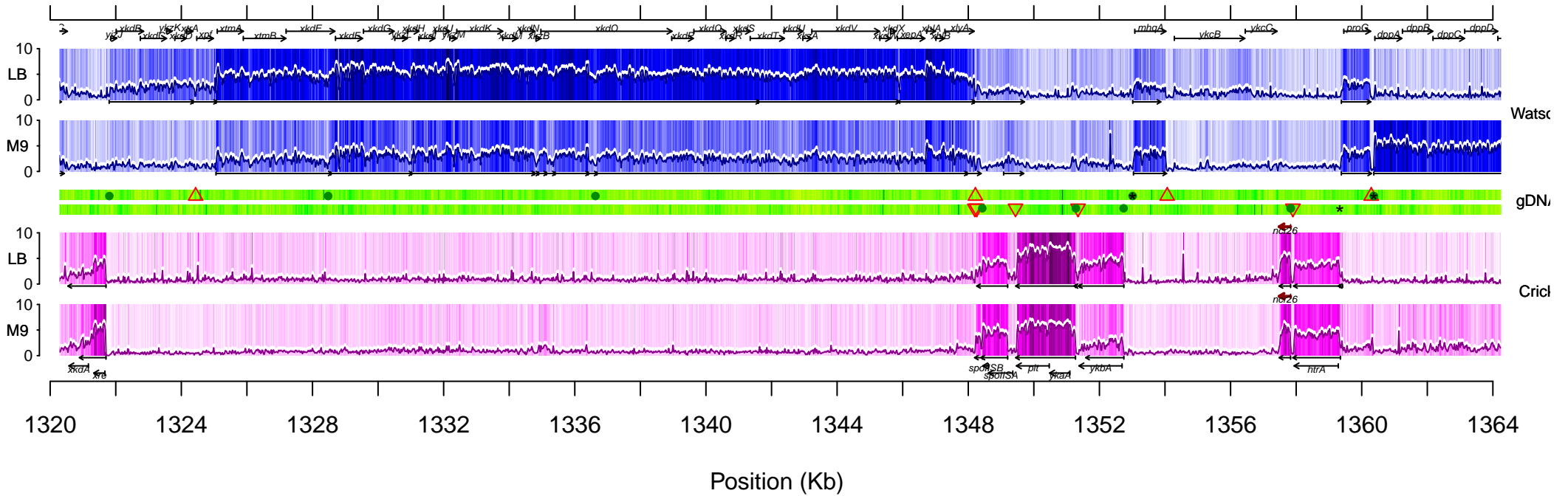
1364 − 1408 Kb
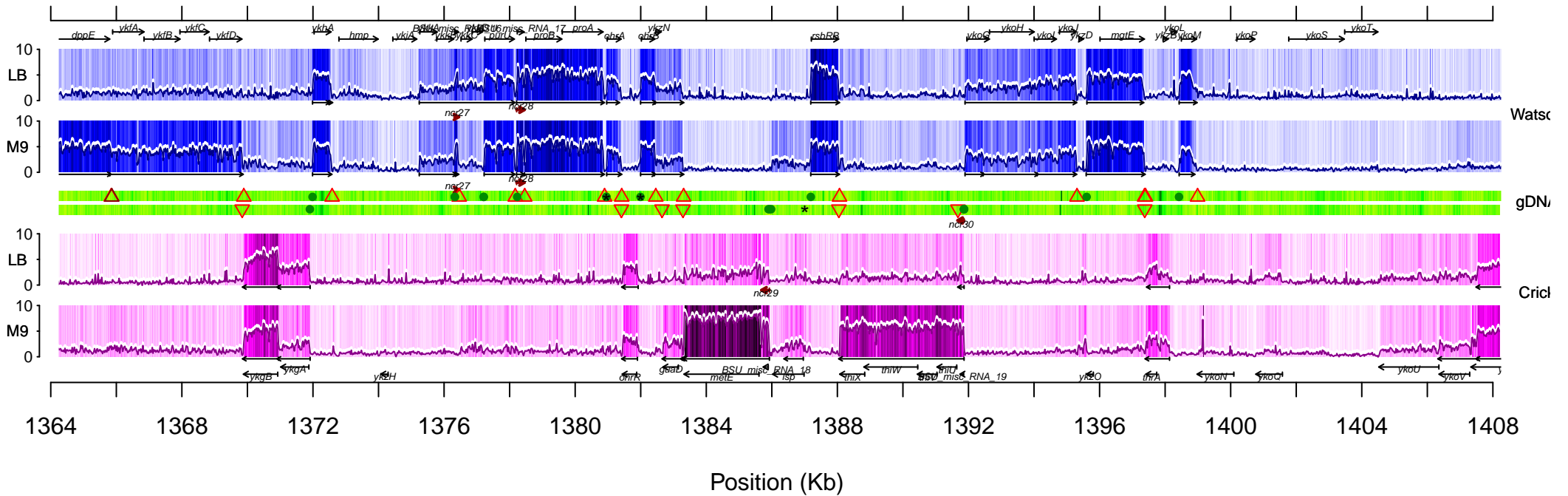
1408 – 1452 Kb
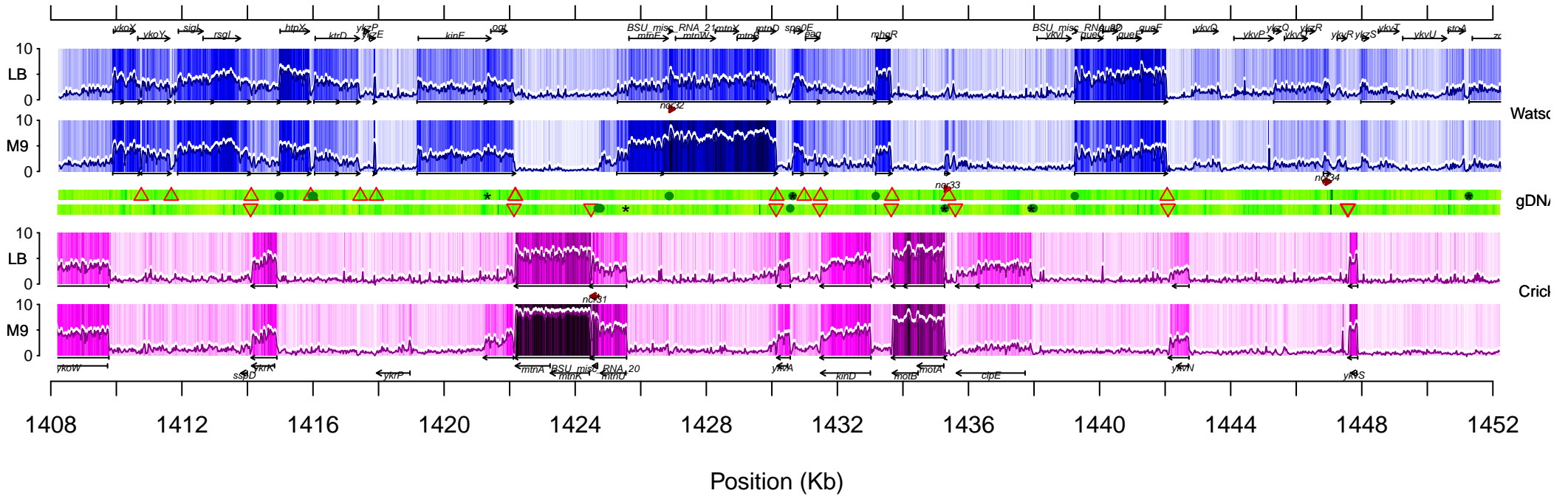
1452 – 1496 Kb

Position (Kb)
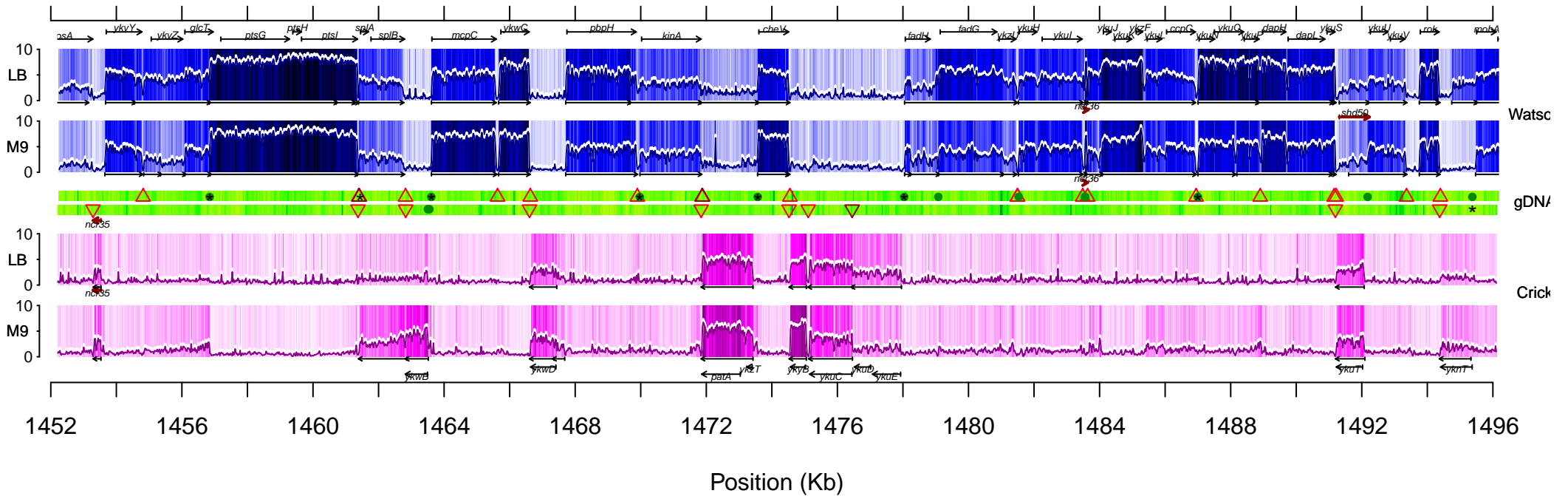
1496 – 1540 Kb
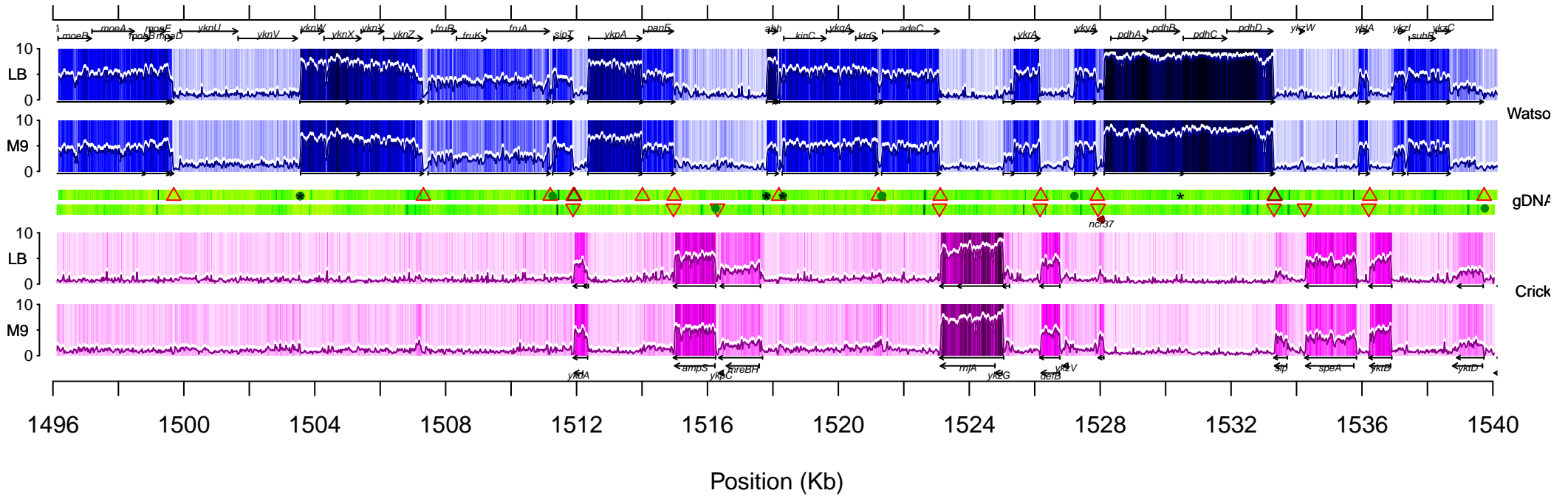
1540 – 1584 Kb

Position (Kb)
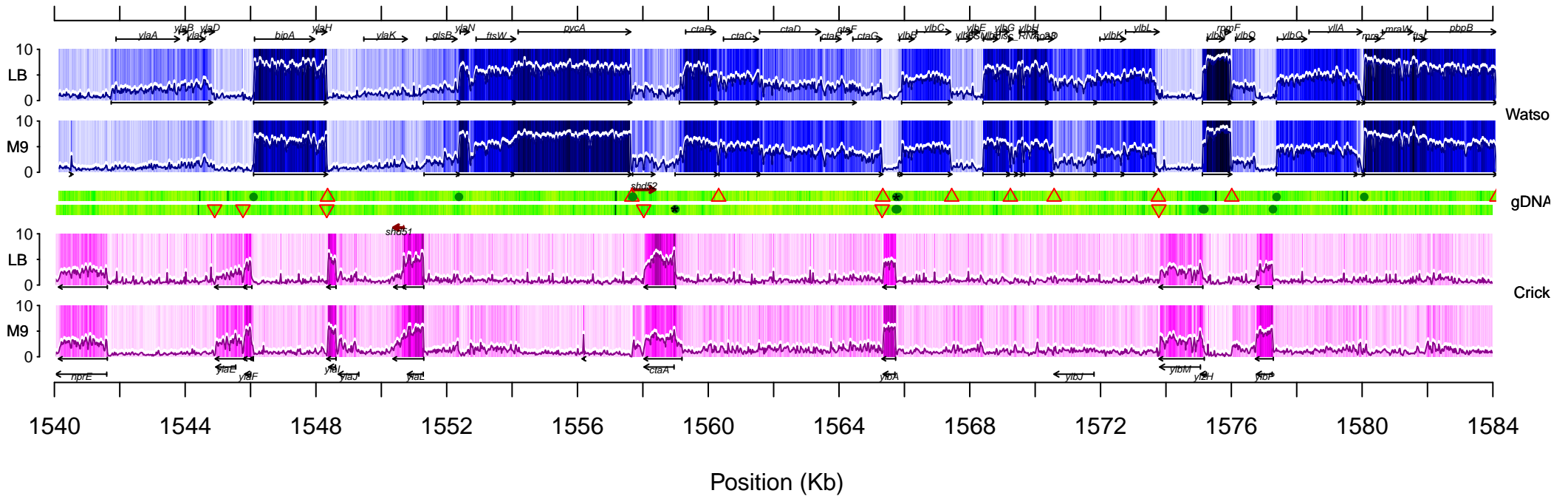
1584 – 1628 Kb
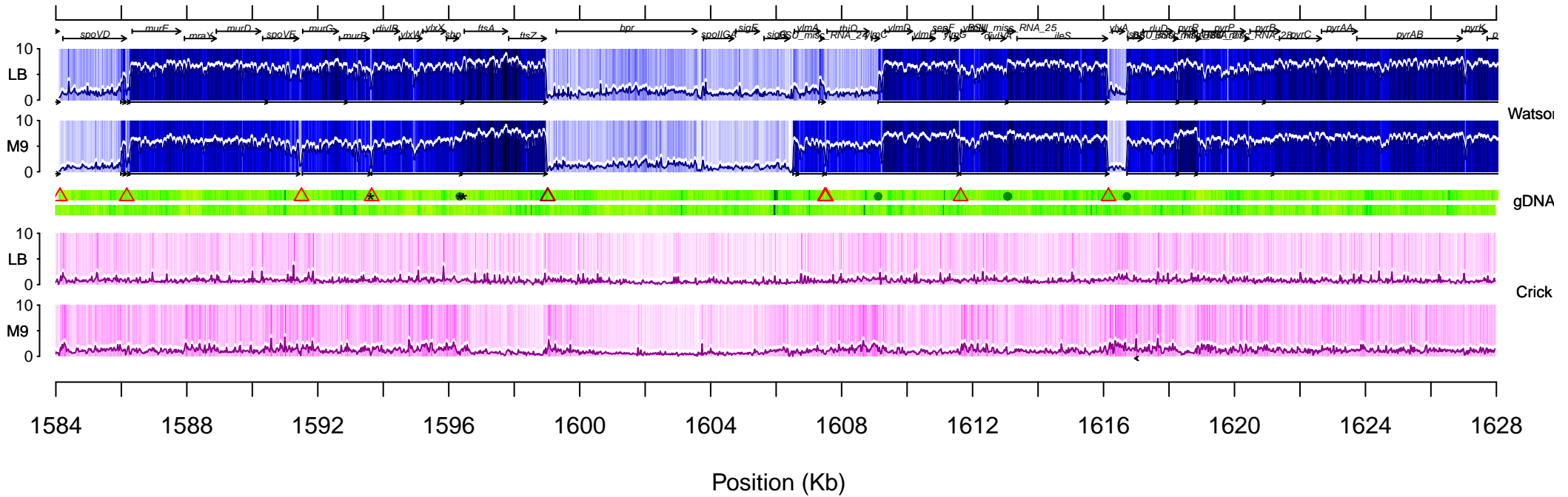
1628 – 1672 Kb
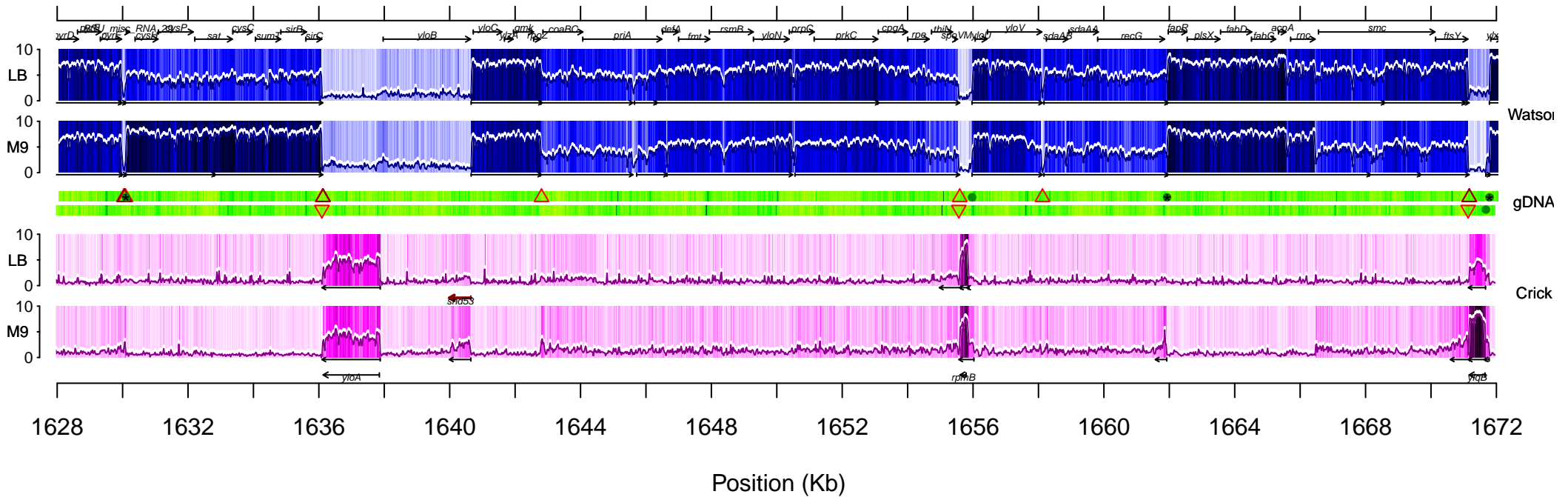
1672 − 1716 Kb
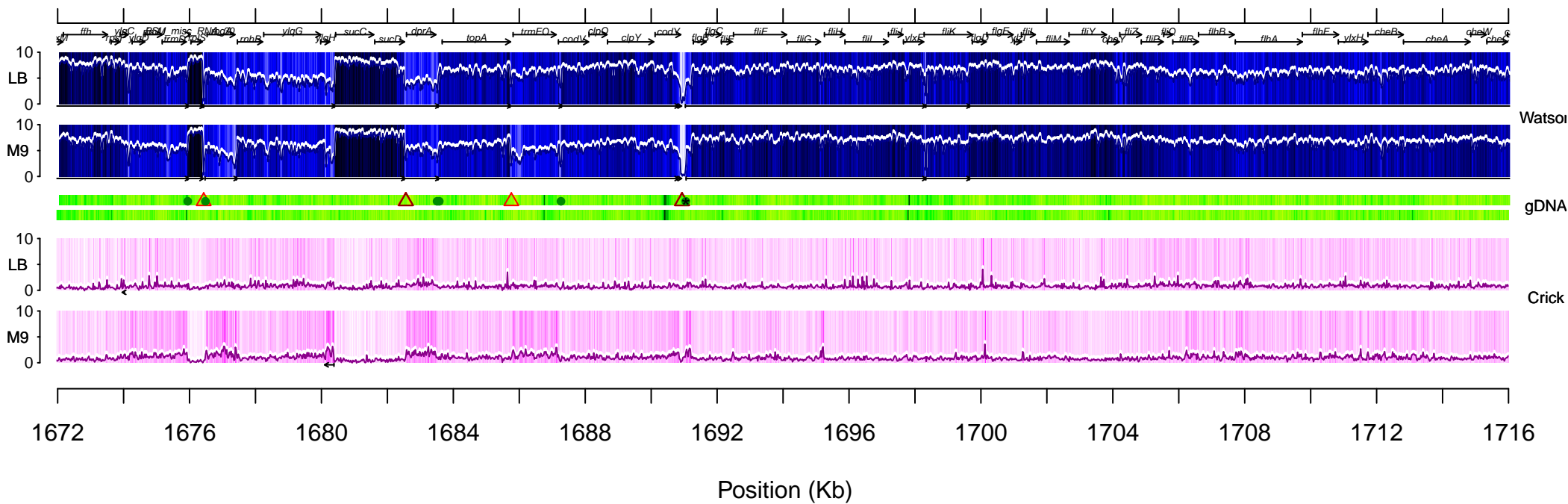
1716 − 1760 Kb
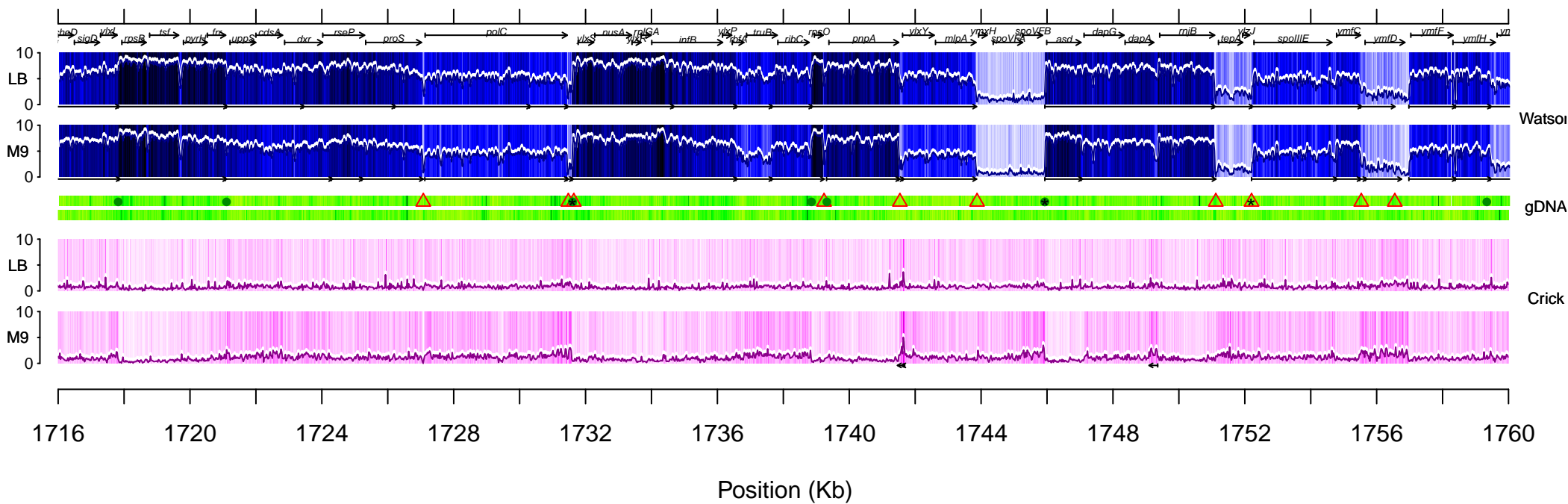
Position (Kb)

1760 – 1804 Kb
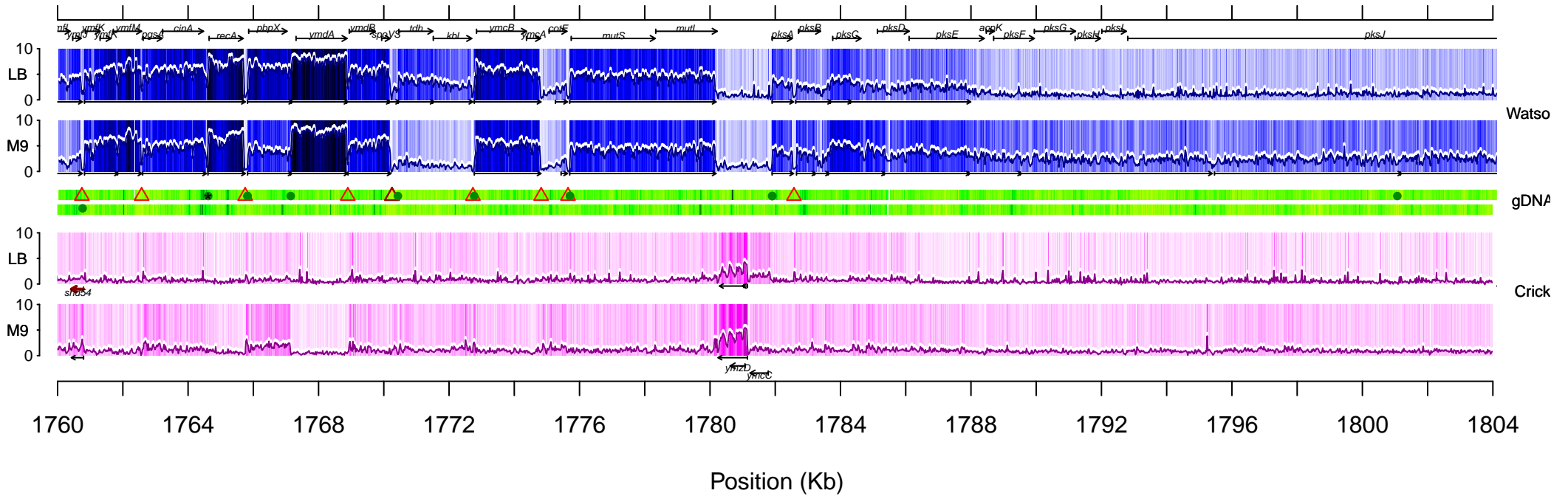
1804 – 1848 Kb
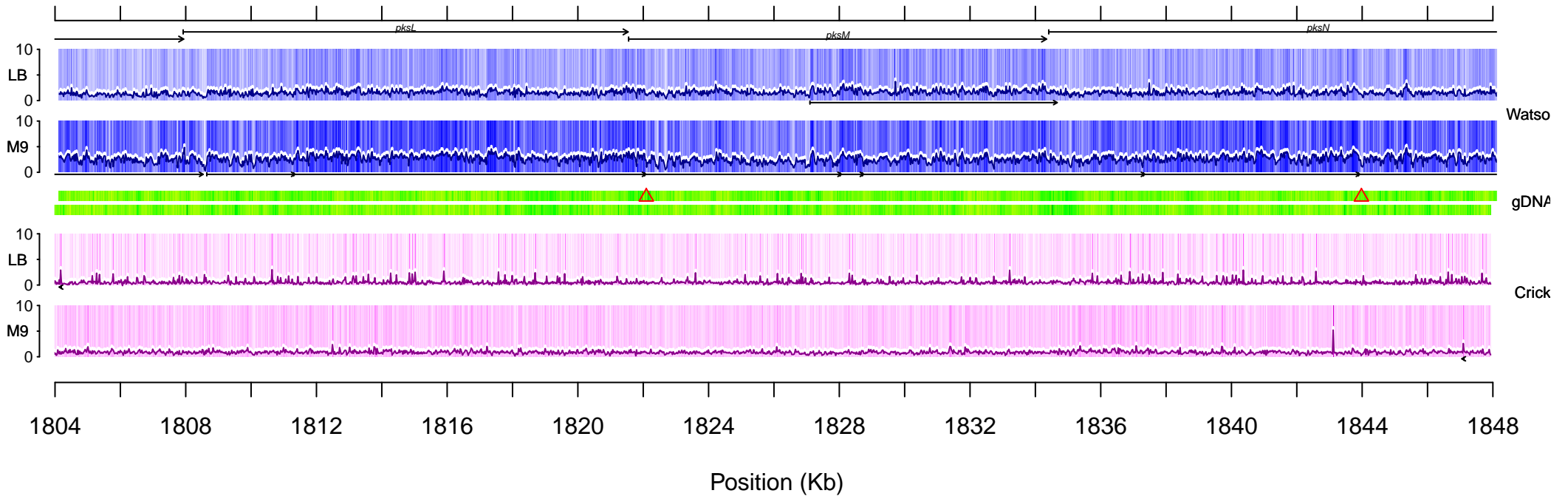
1848 – 1892 Kb
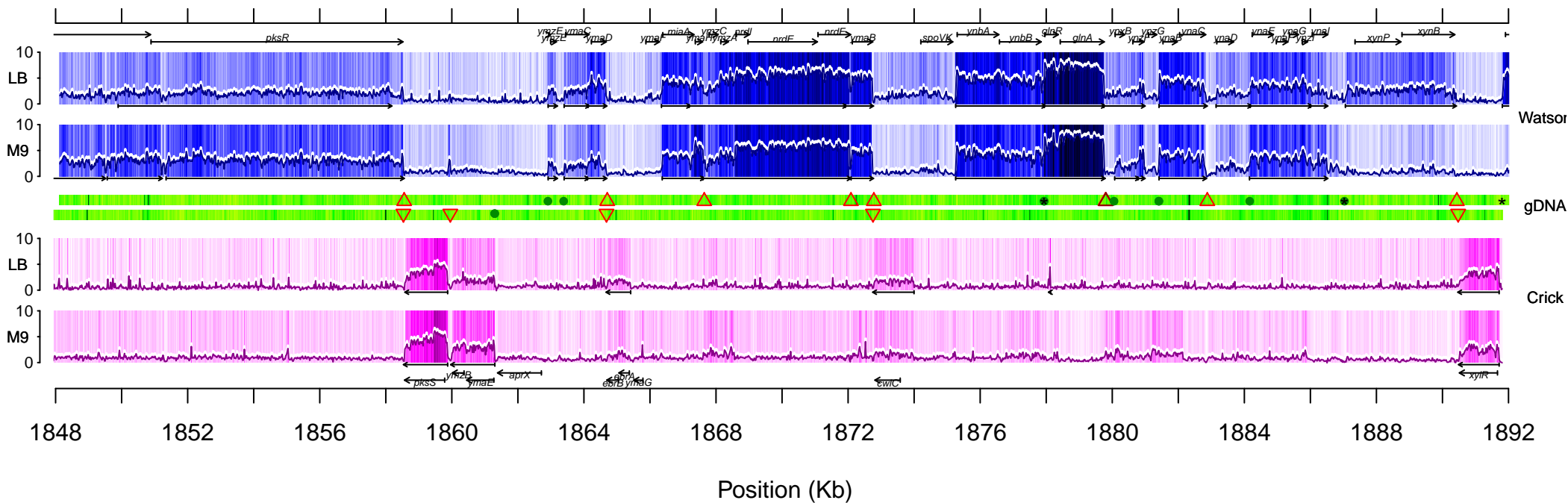
1892 – 1936 Kb
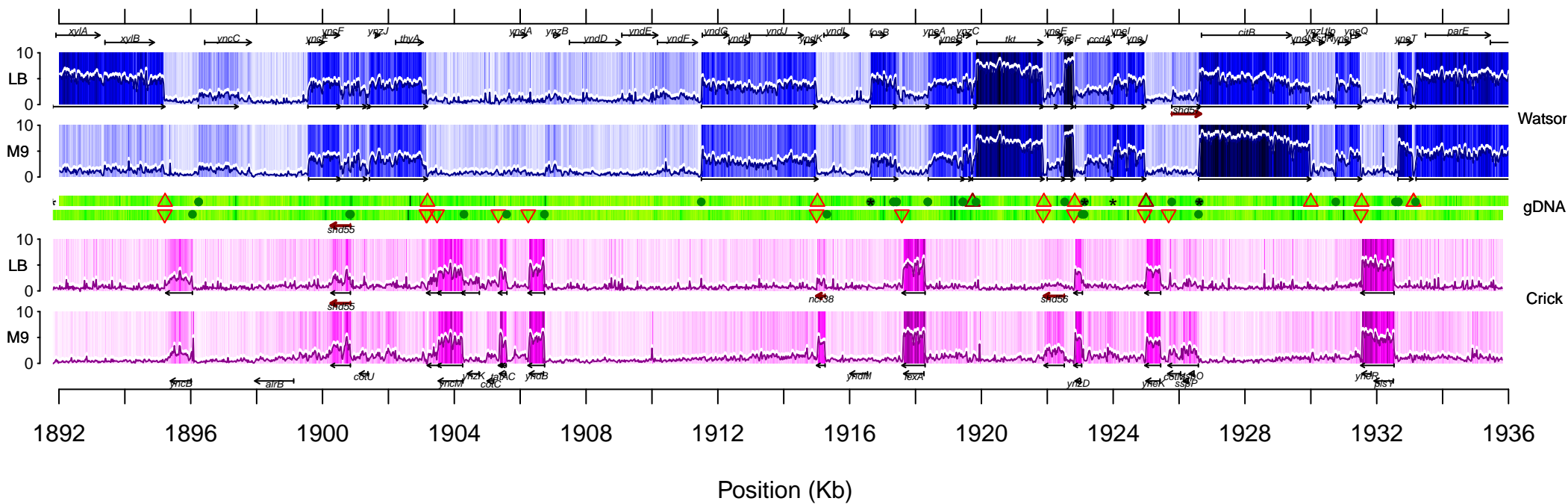
1936 – 1980 Kb

1980 – 2024 Kb

2024 – 2068 Kb

2068 – 2112 Kb

2112 – 2156 Kb

Position (Kb)
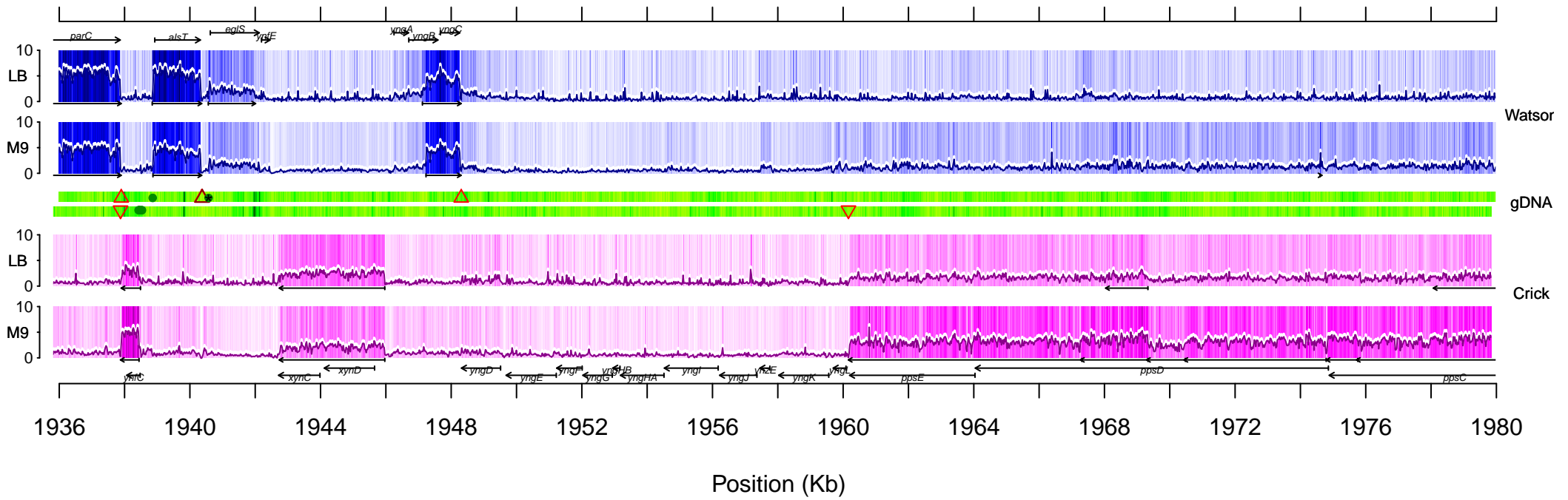
2156 – 2200 Kb
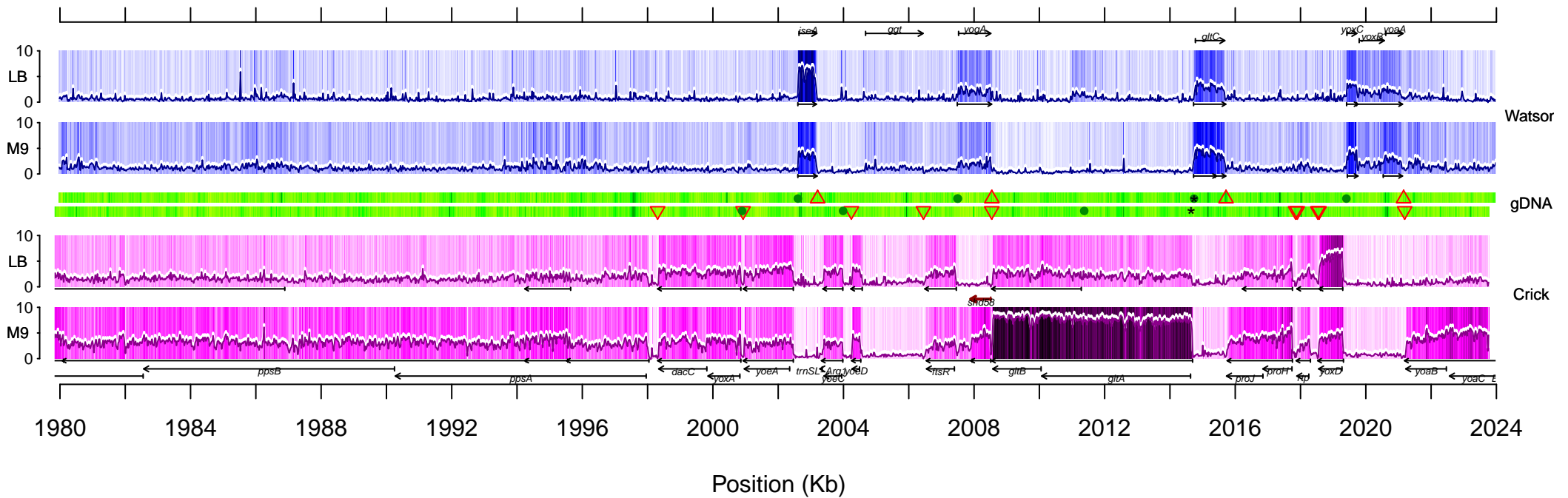
Position (Kb)
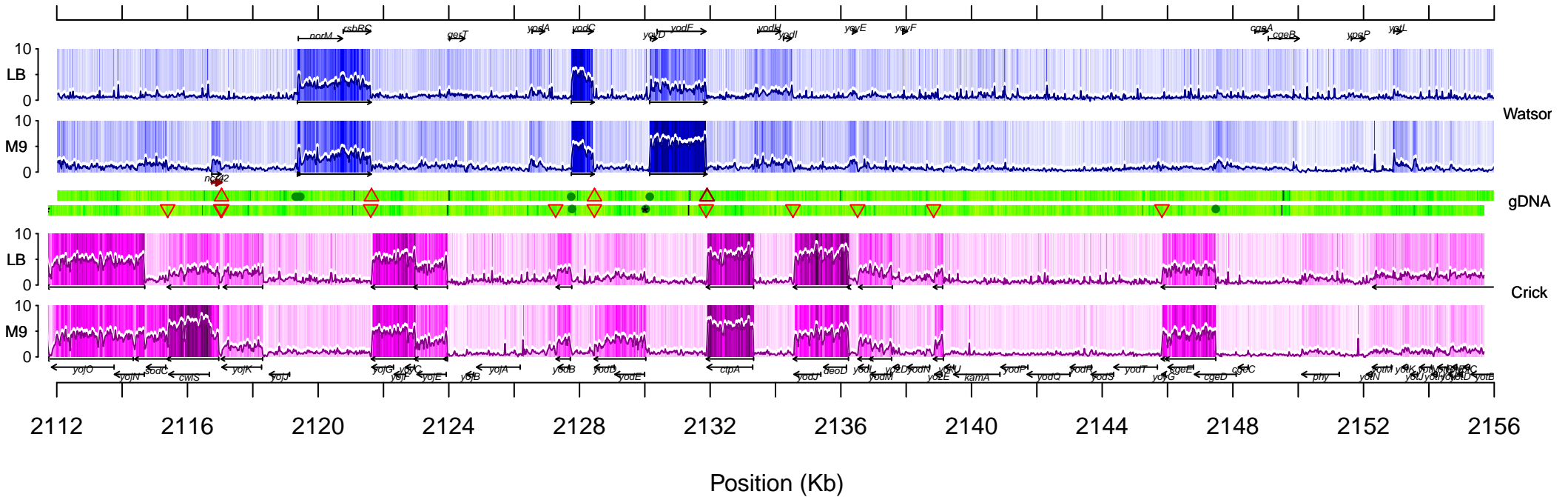
2200 – 2244 Kb
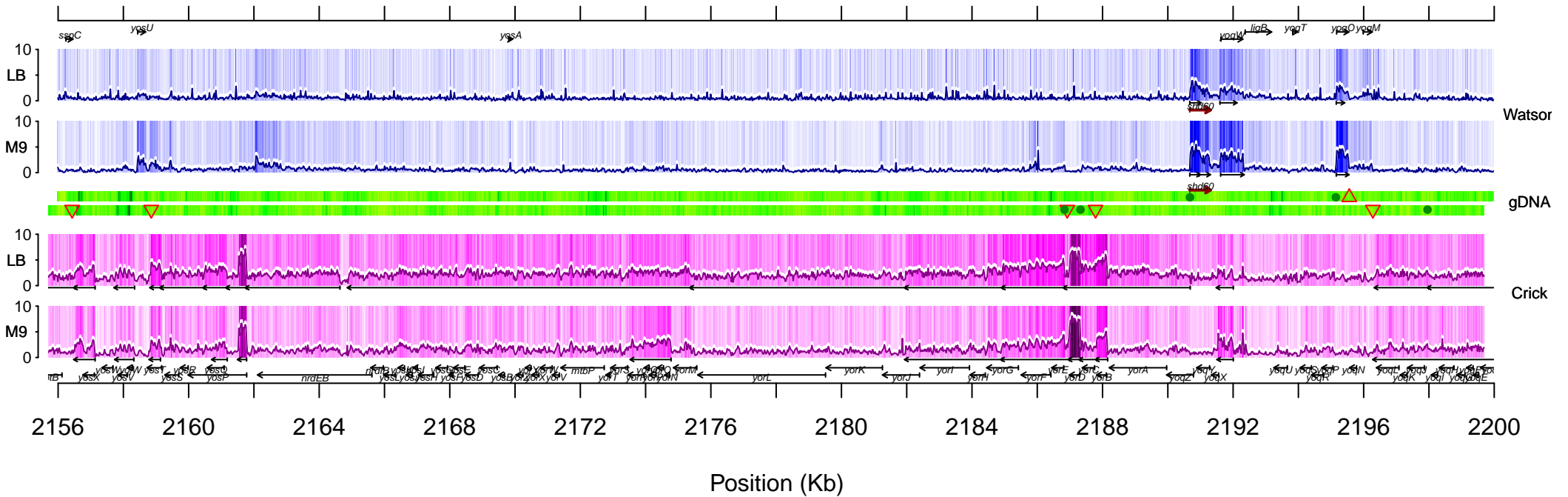
Position (Kb)
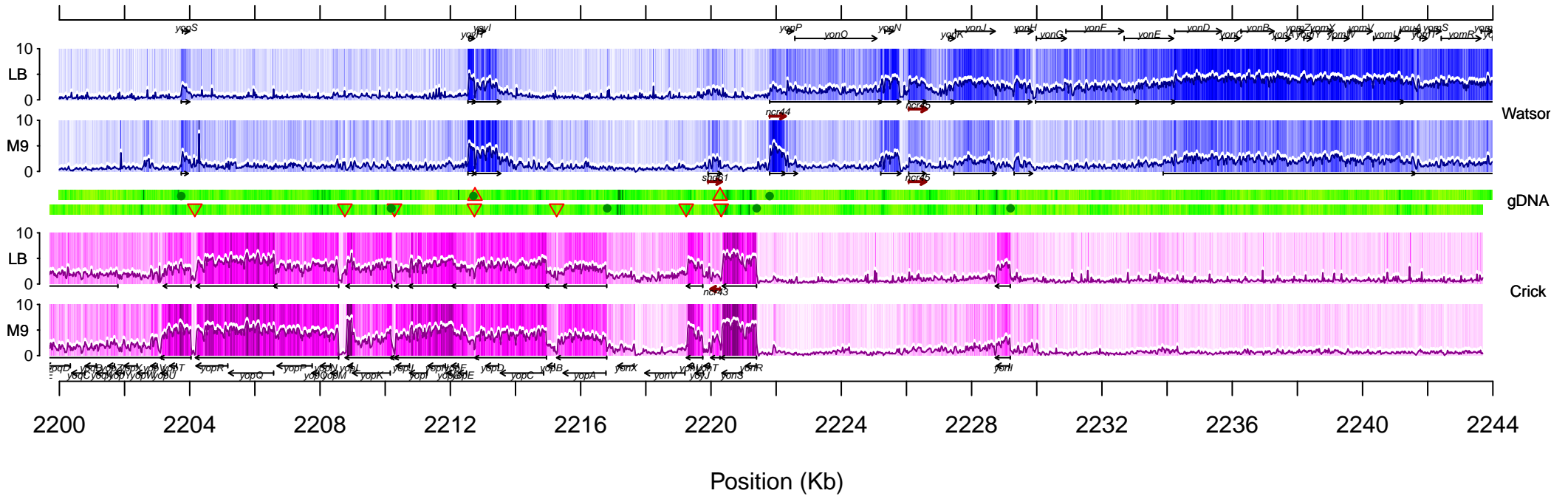
2244 – 2288 Kb
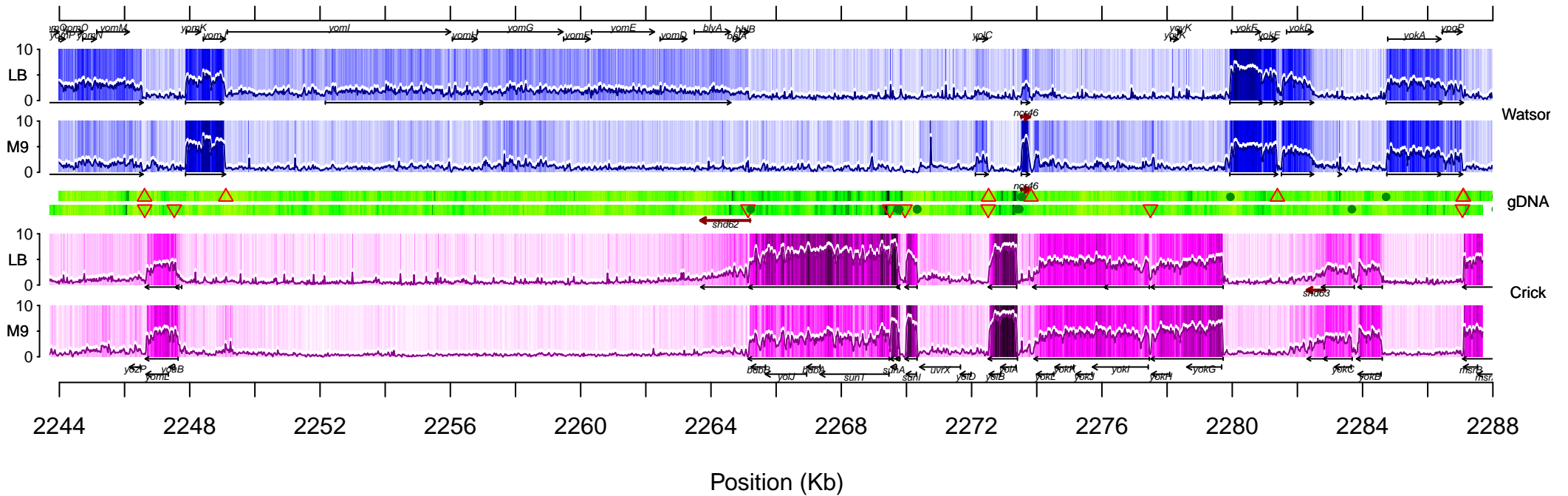
Position (Kb)

2288 – 2332 Kb
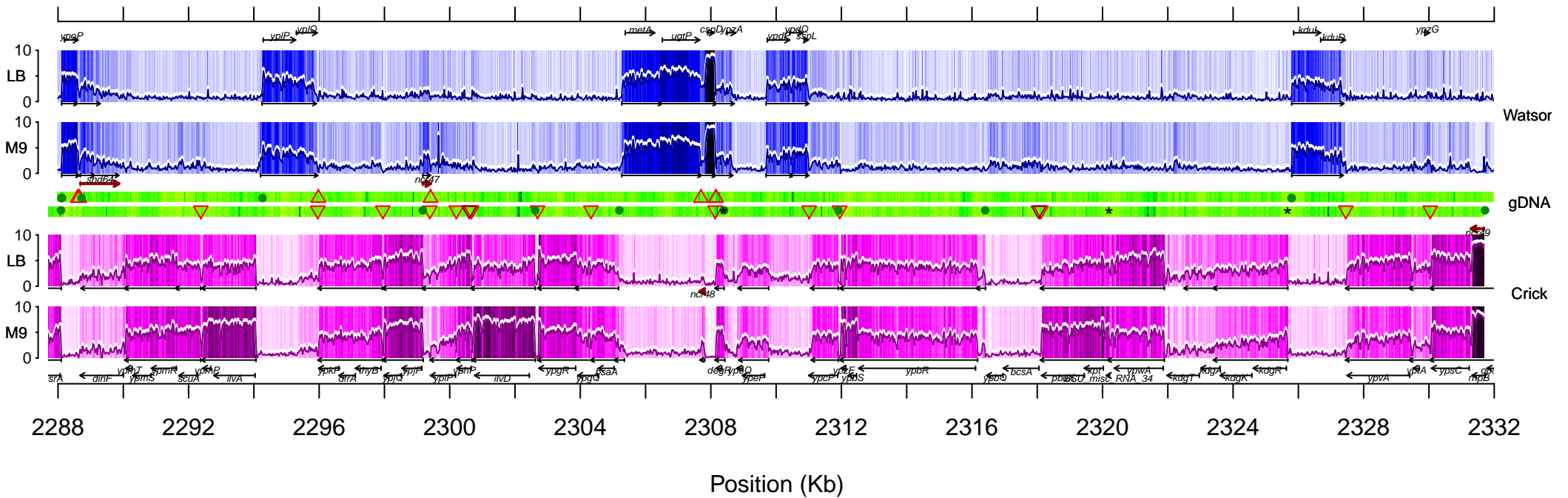
2332 – 2376 Kb
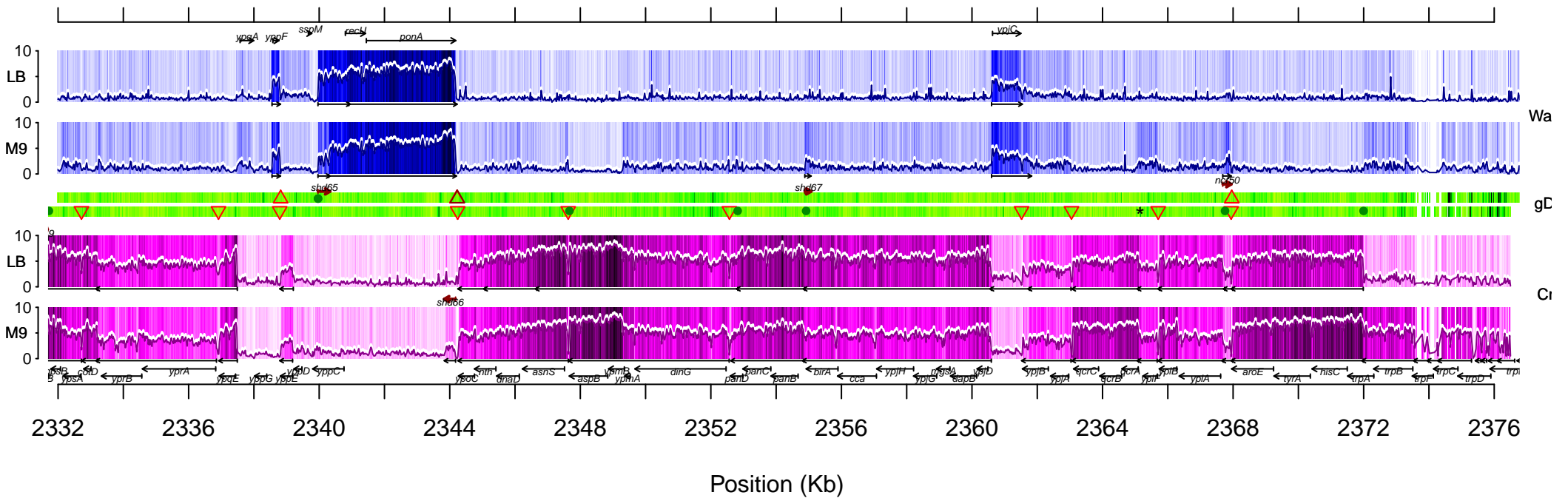
Position (Kb)

2377 – 2420 Kb
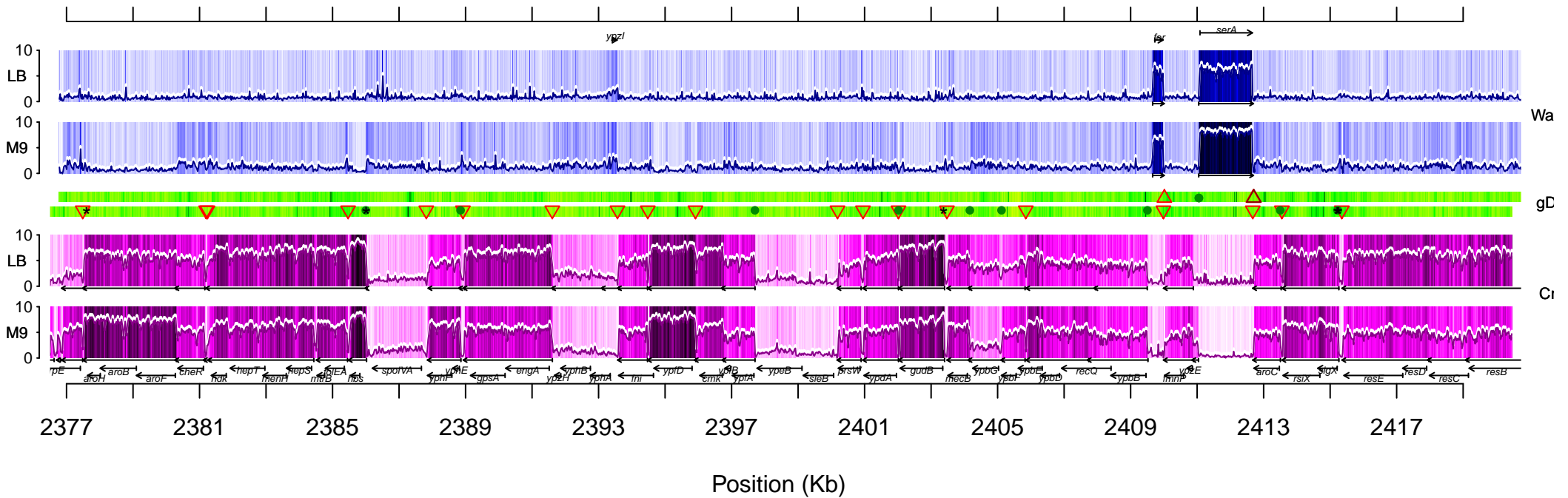
2421 – 2464 Kb
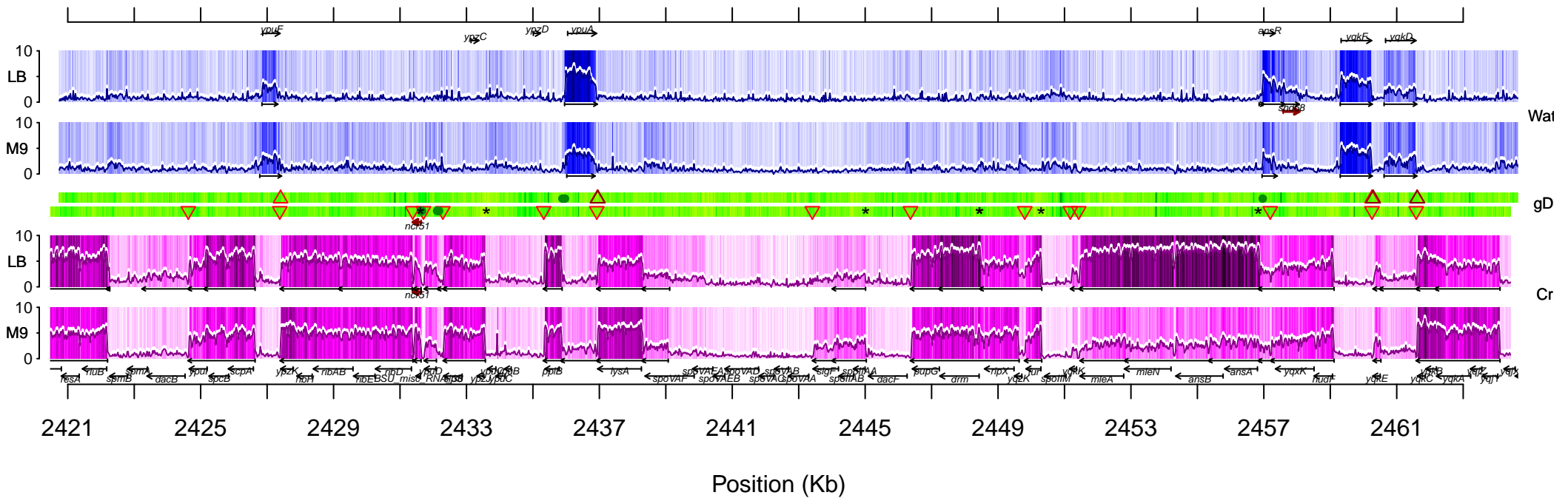
Position (Kb)

2465 – 2508 Kb
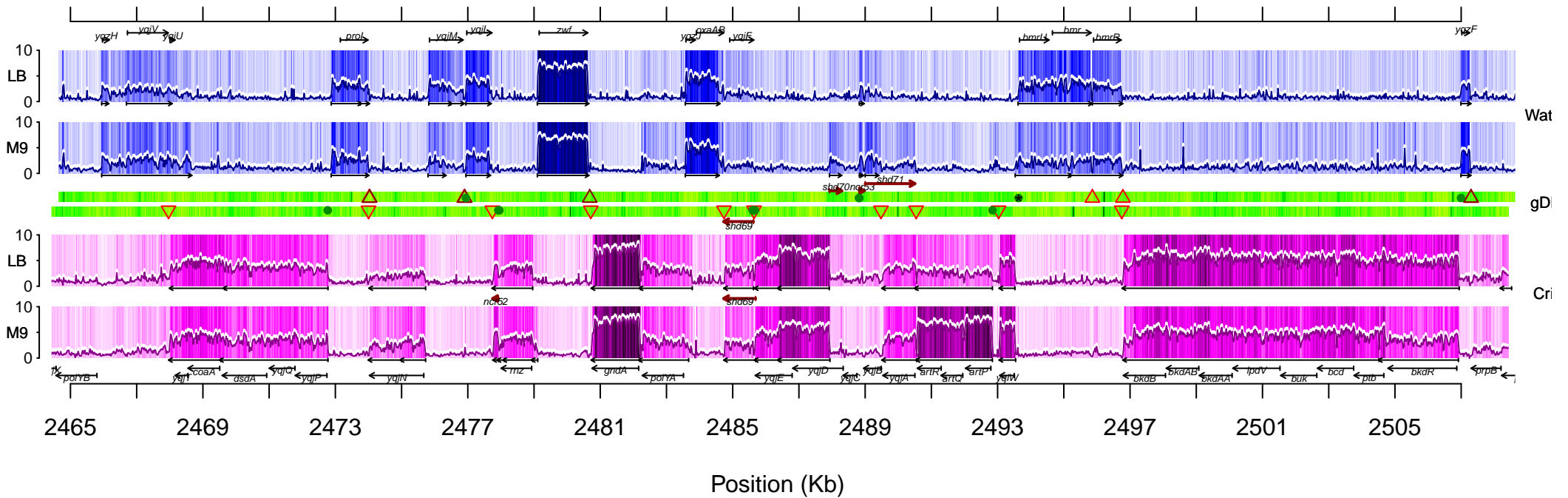
2509 – 2552 Kb
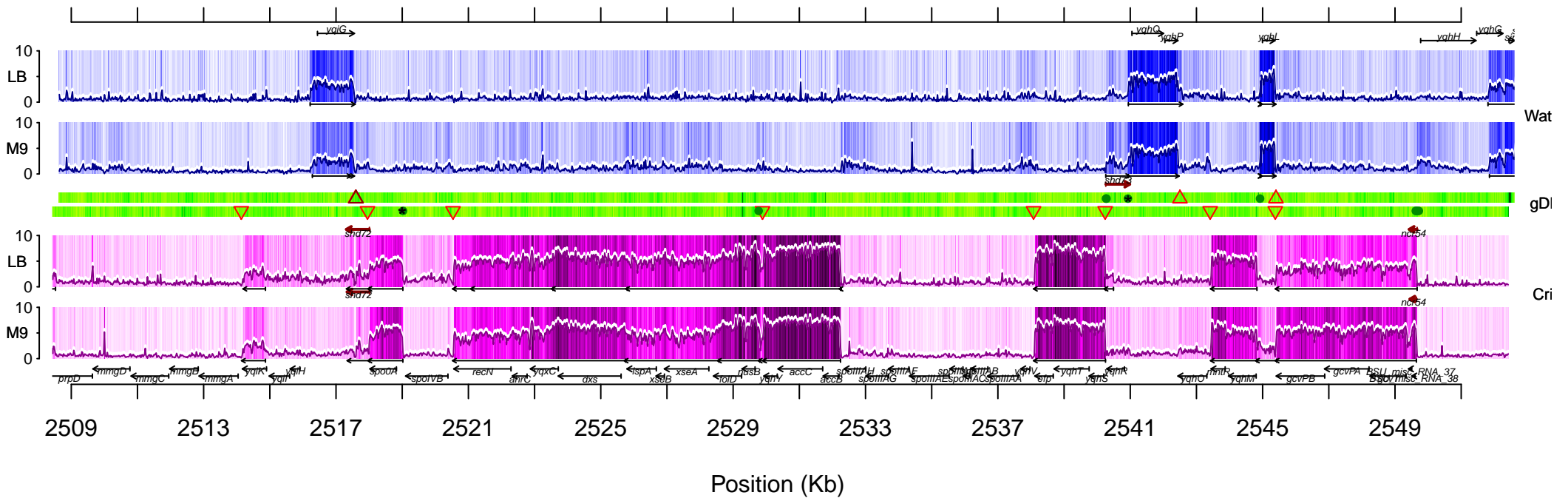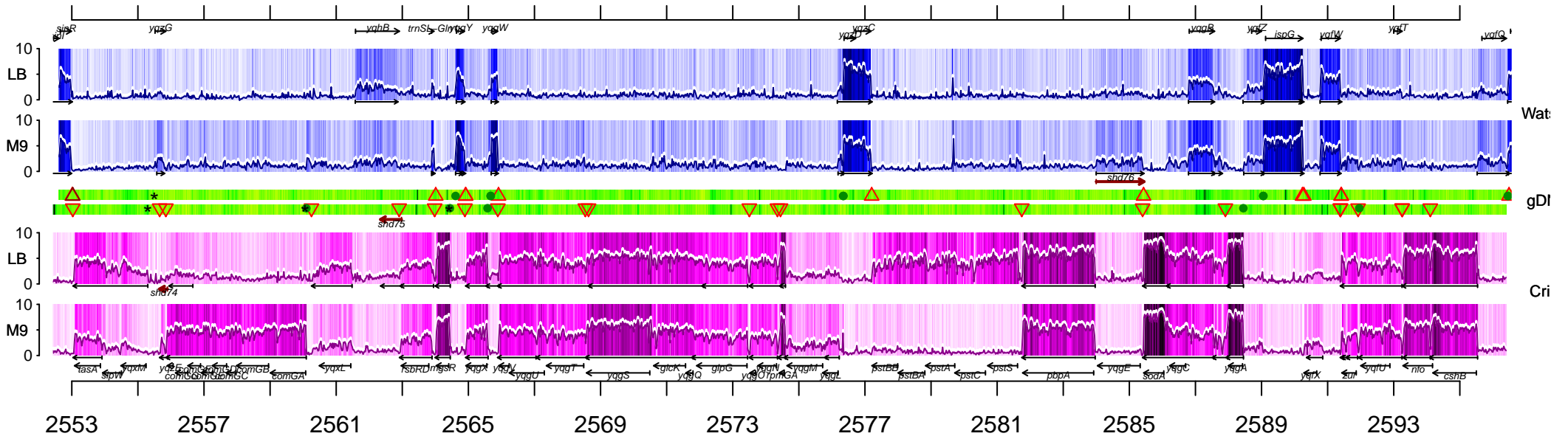
2553 – 2596 Kb

2597 – 2640 Kb

Position (Kb)

2641 – 2684 Kb

2685 – 2728 Kb
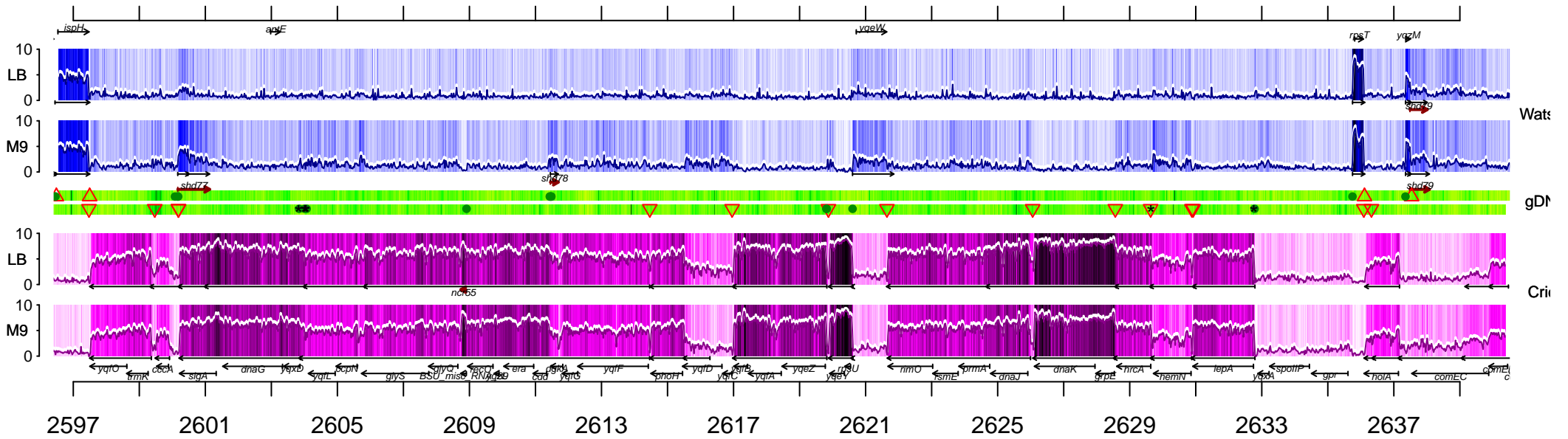
Position (Kb)

2729 – 2772 Kb
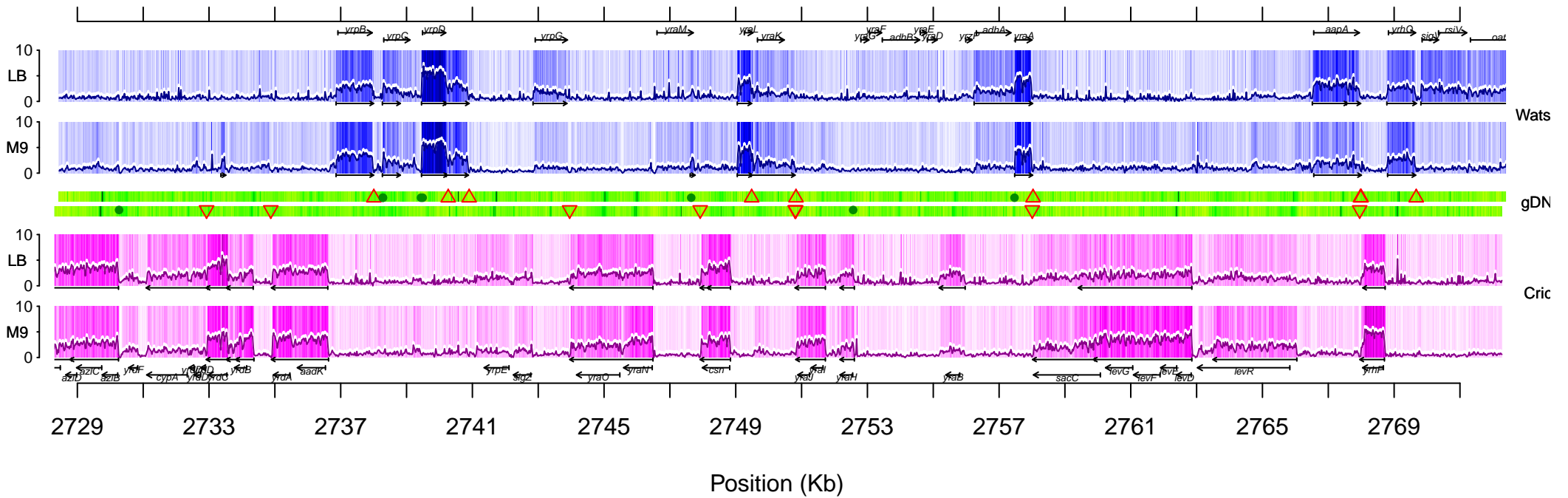
2772 – 2816 Kb
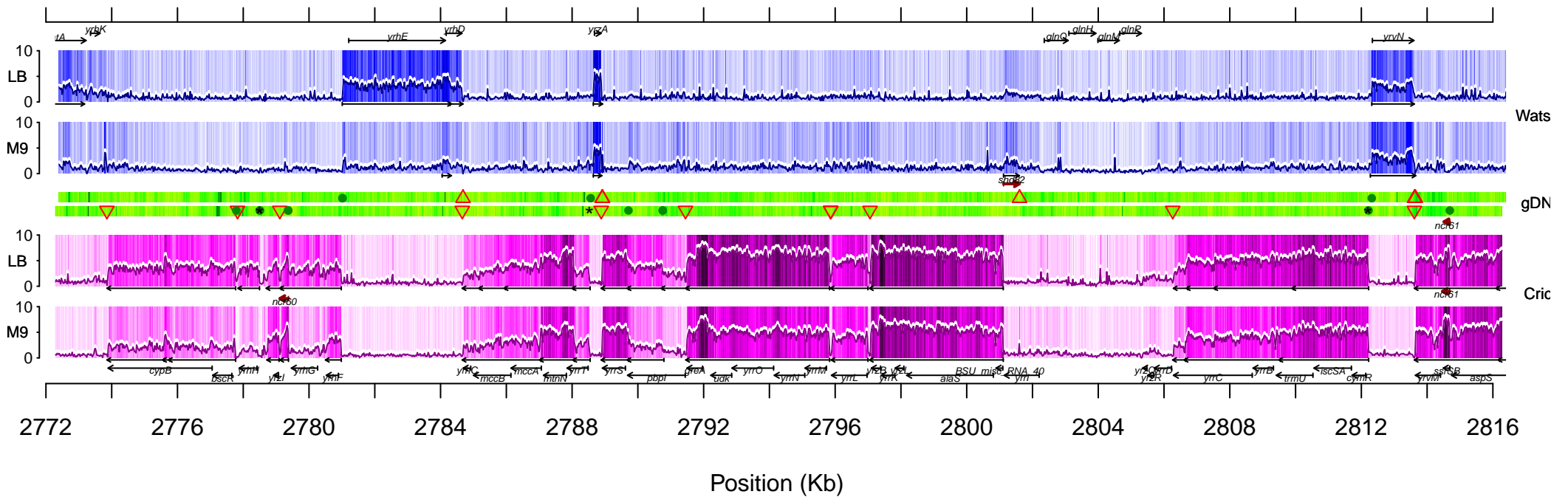
2816 – 2860 Kb
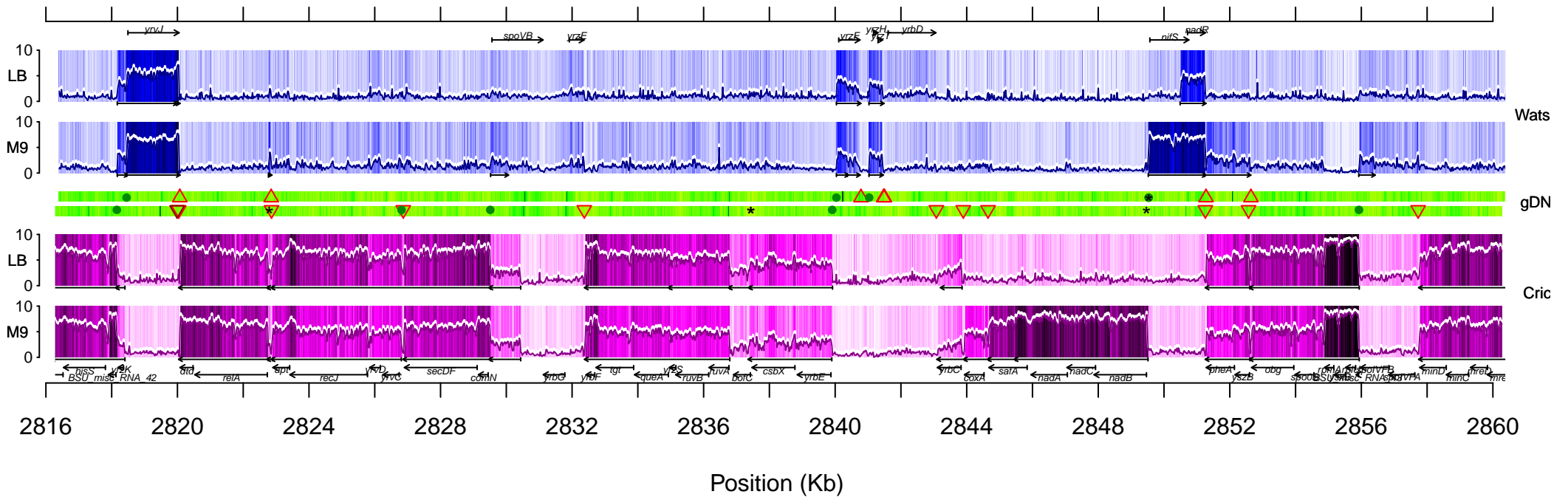
2860 – 2904 Kb

Position (Kb)
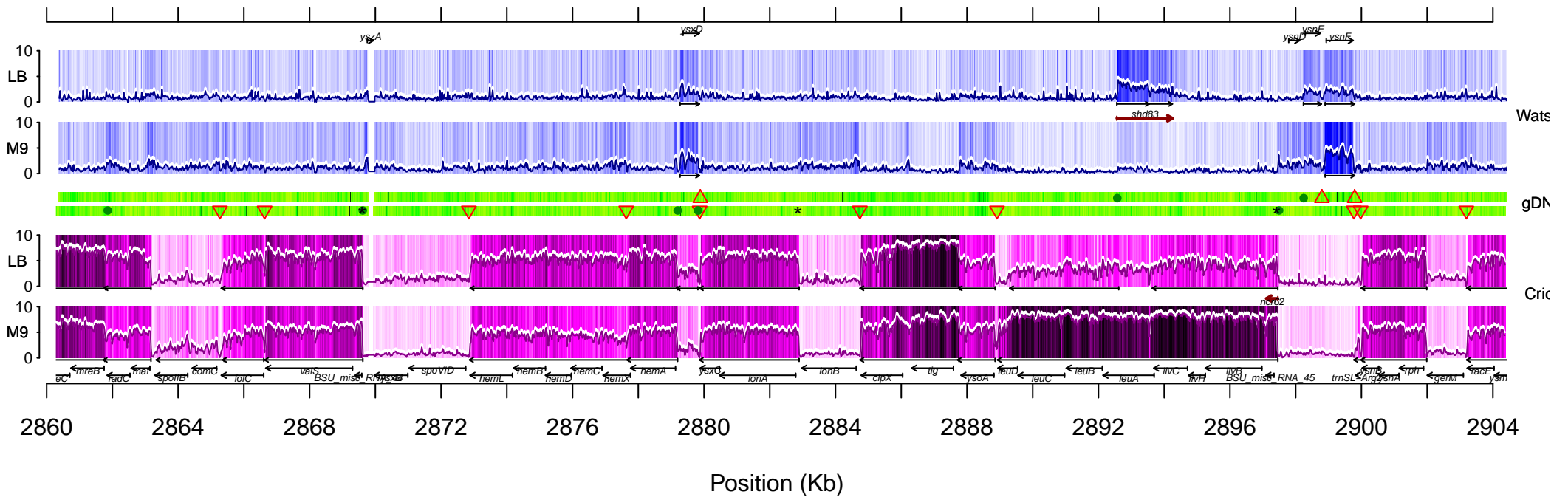
2904 – 2948 Kb
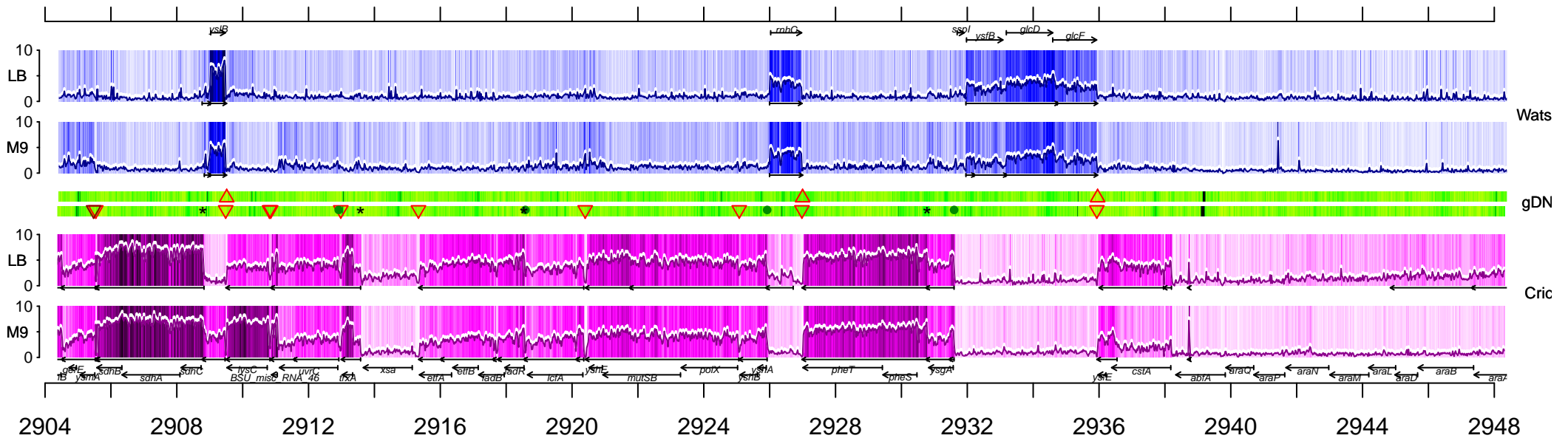
2948 – 2992 Kb

2992 − 3036 Kb

Position (Kb)
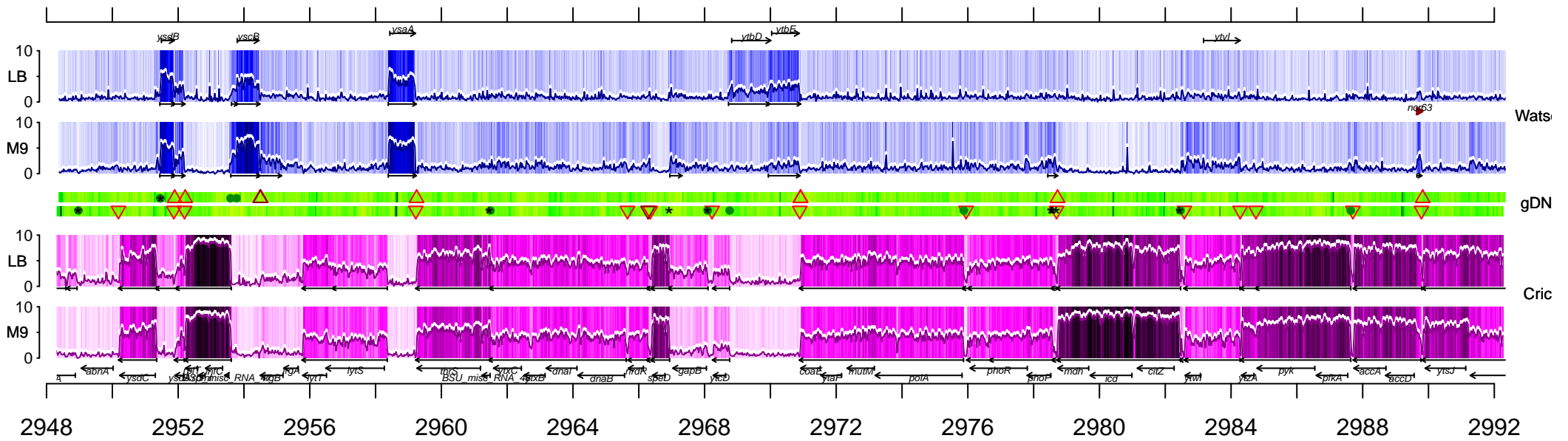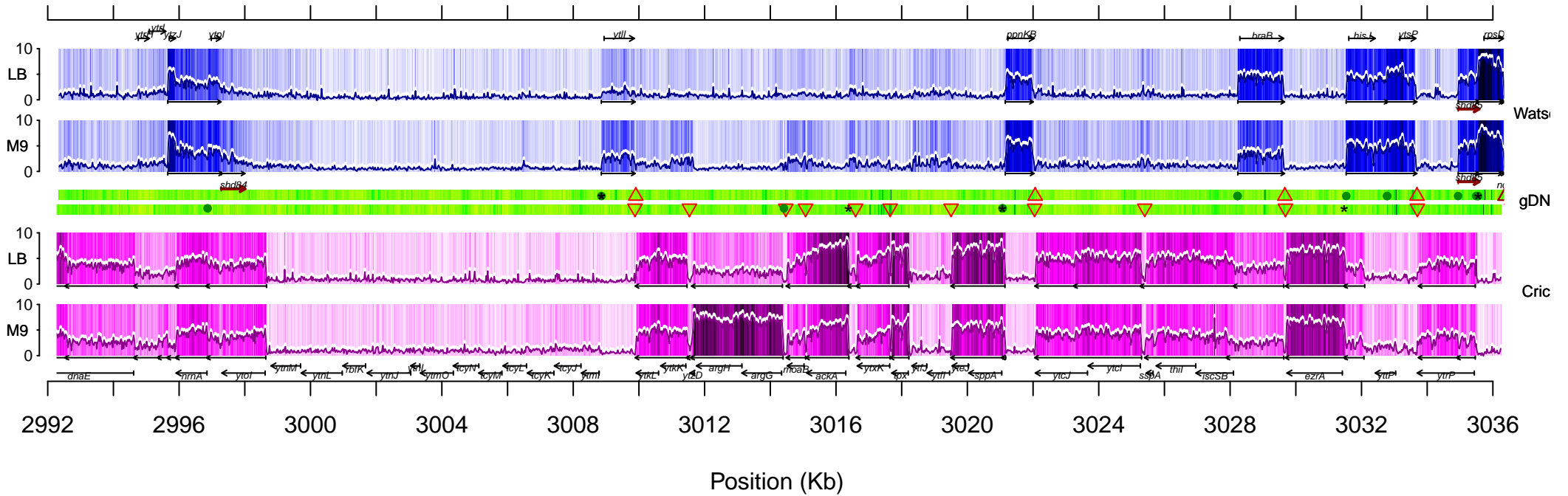
3036 − 3080 Kb
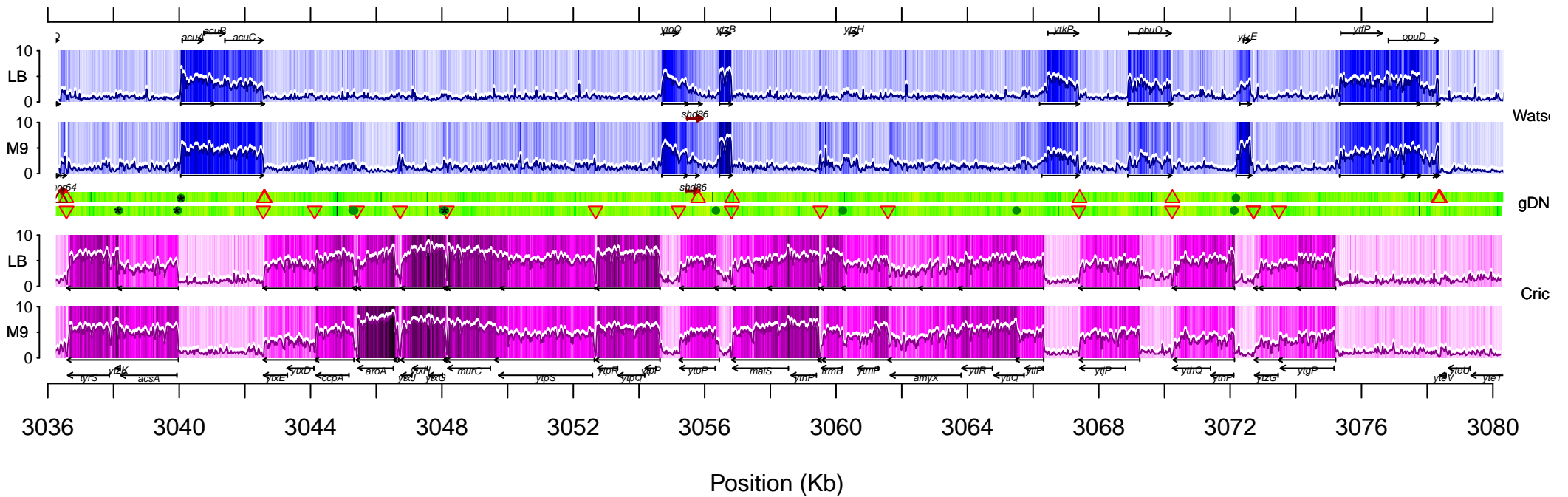
Position (Kb)
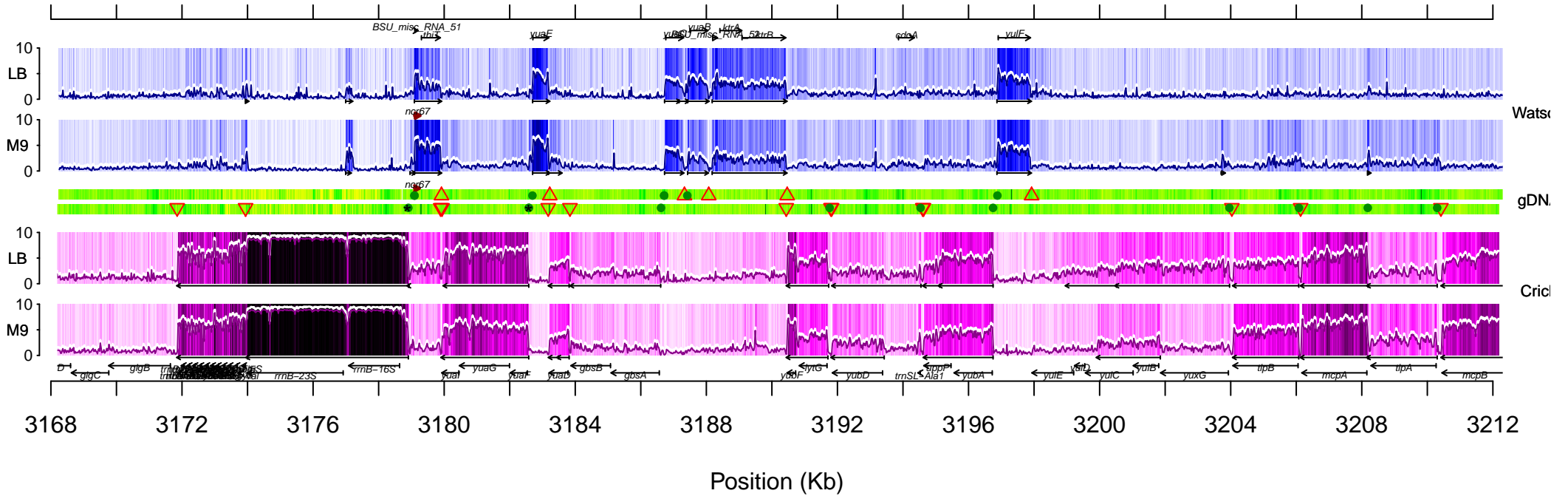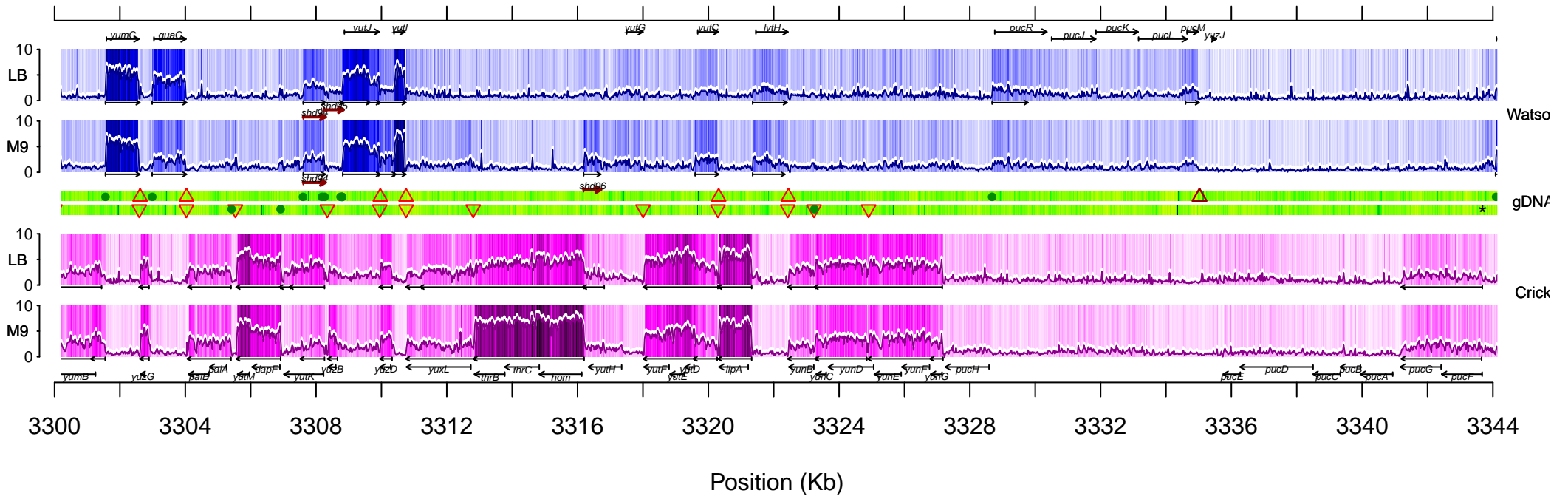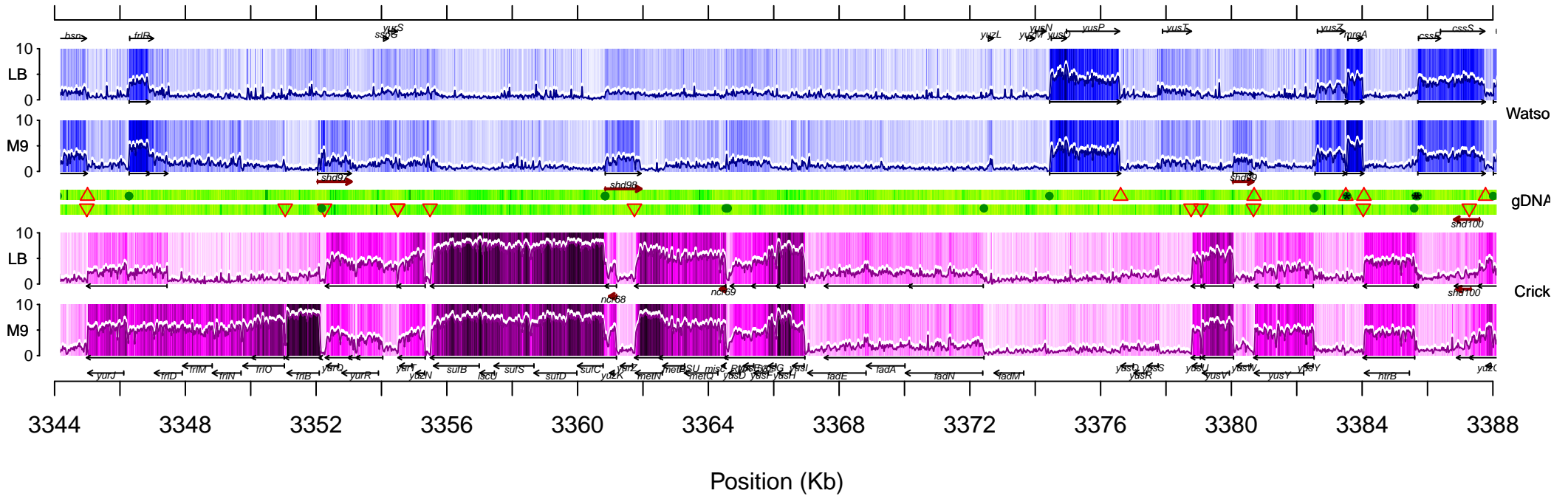
3080 – 3124 Kb
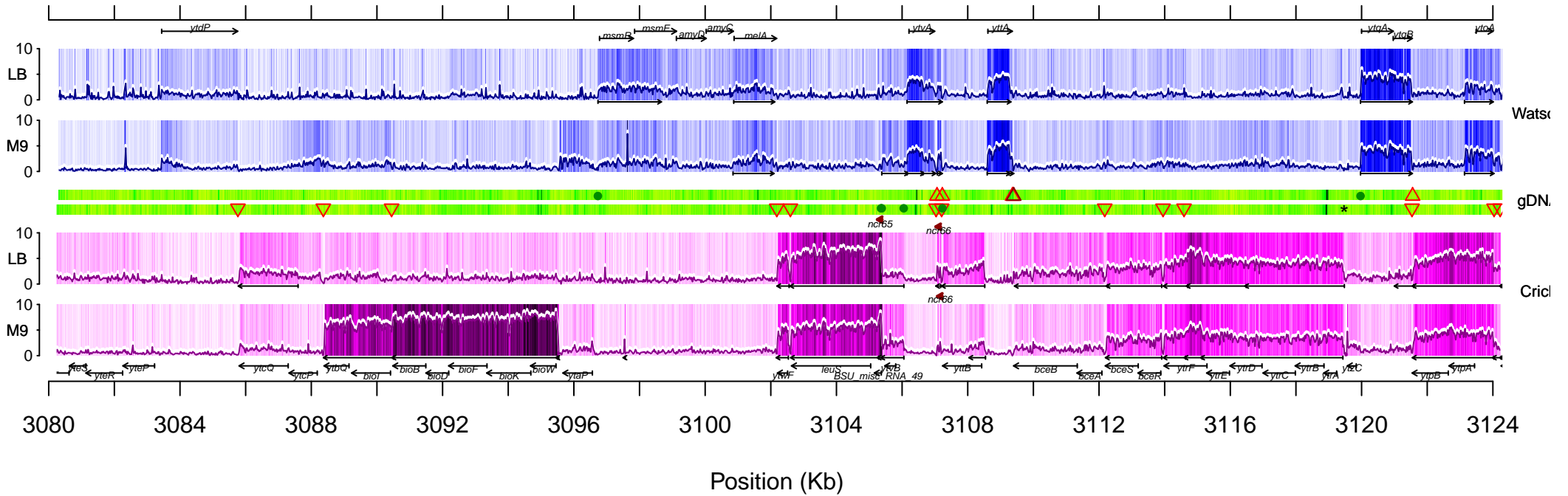
3124 – 3168 Kb
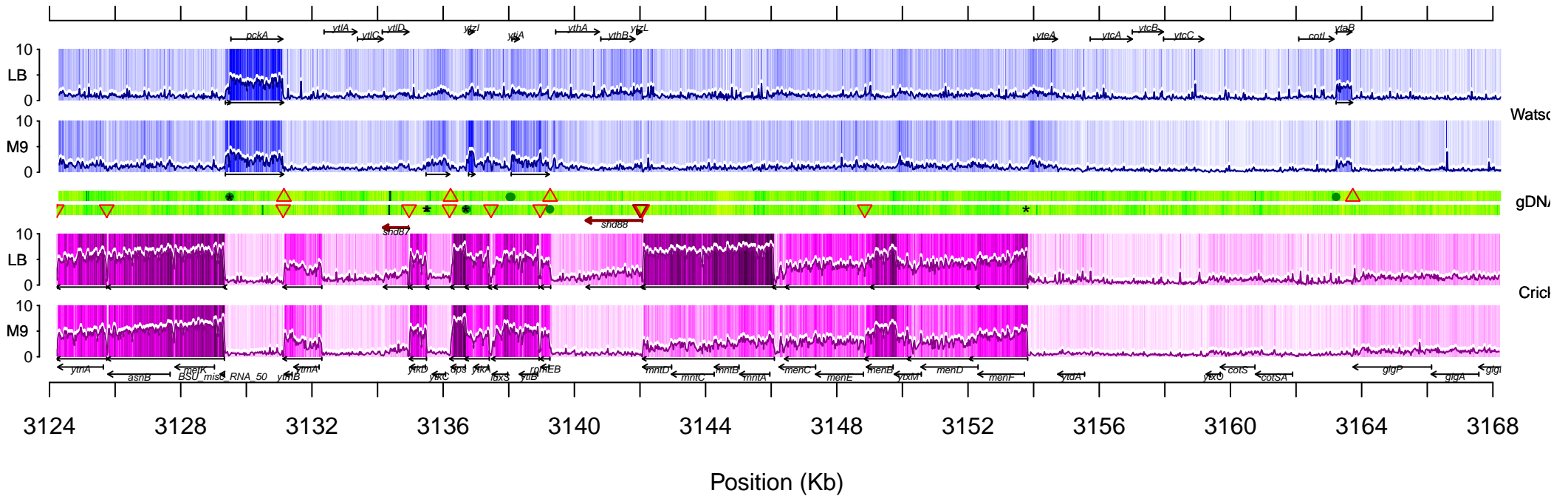
3168 – 3212 Kb

3212 – 3256 Kb
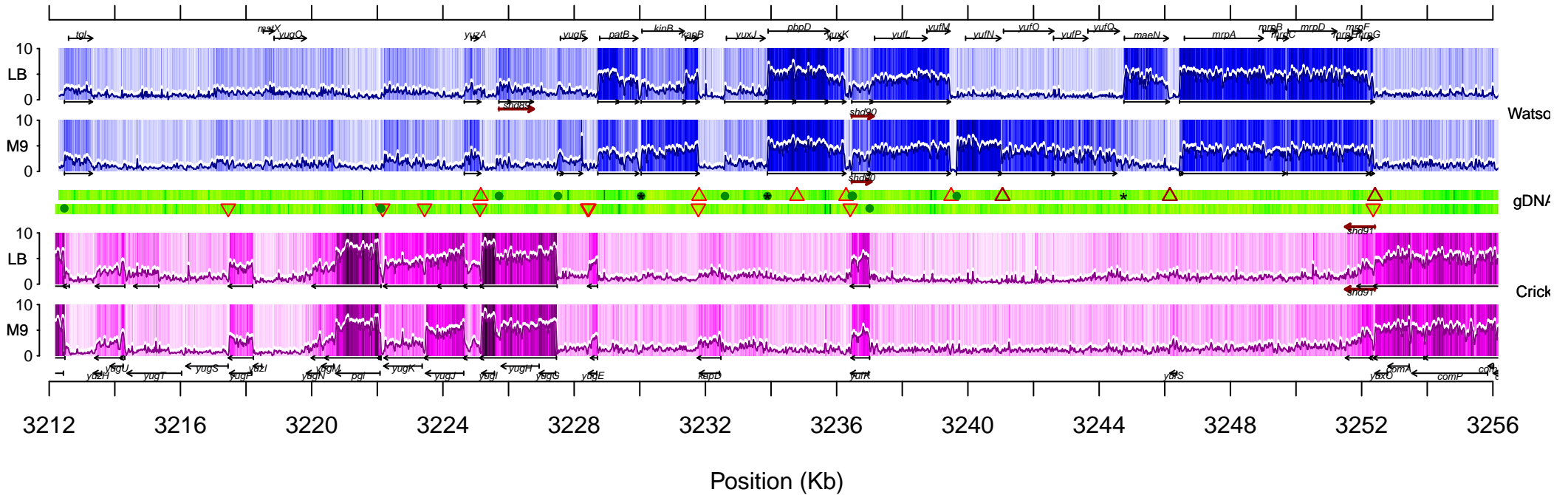
3256 – 3300 Kb
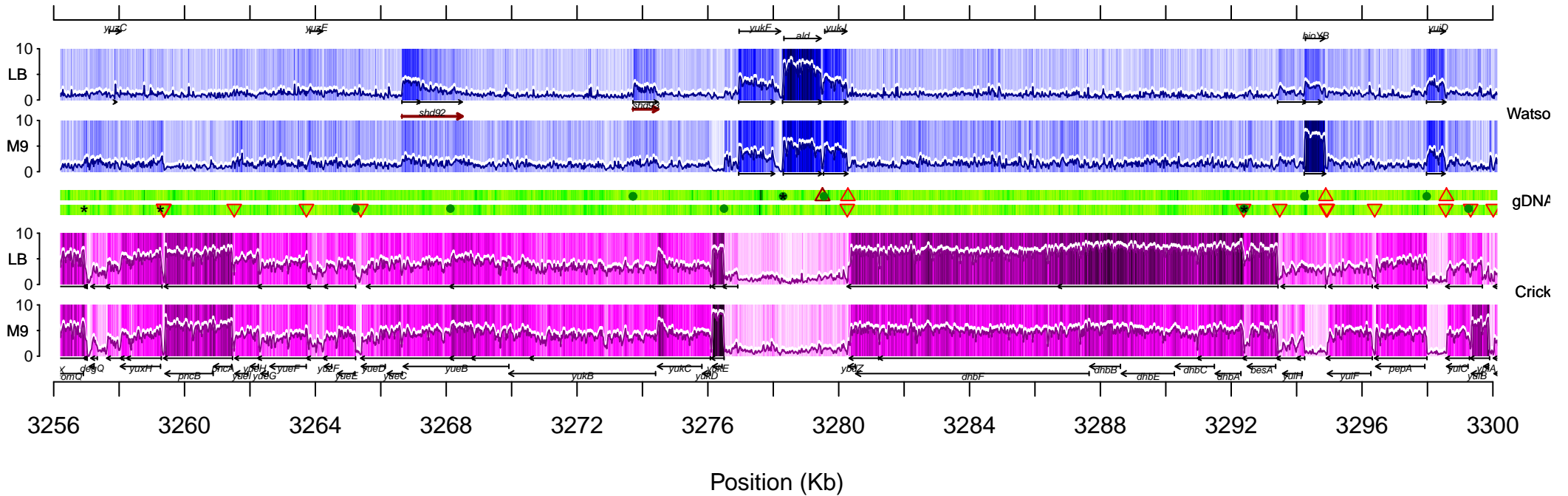
3300 – 3344 Kb

Position (Kb)

3344 – 3388 Kb

3388 – 3432 Kb
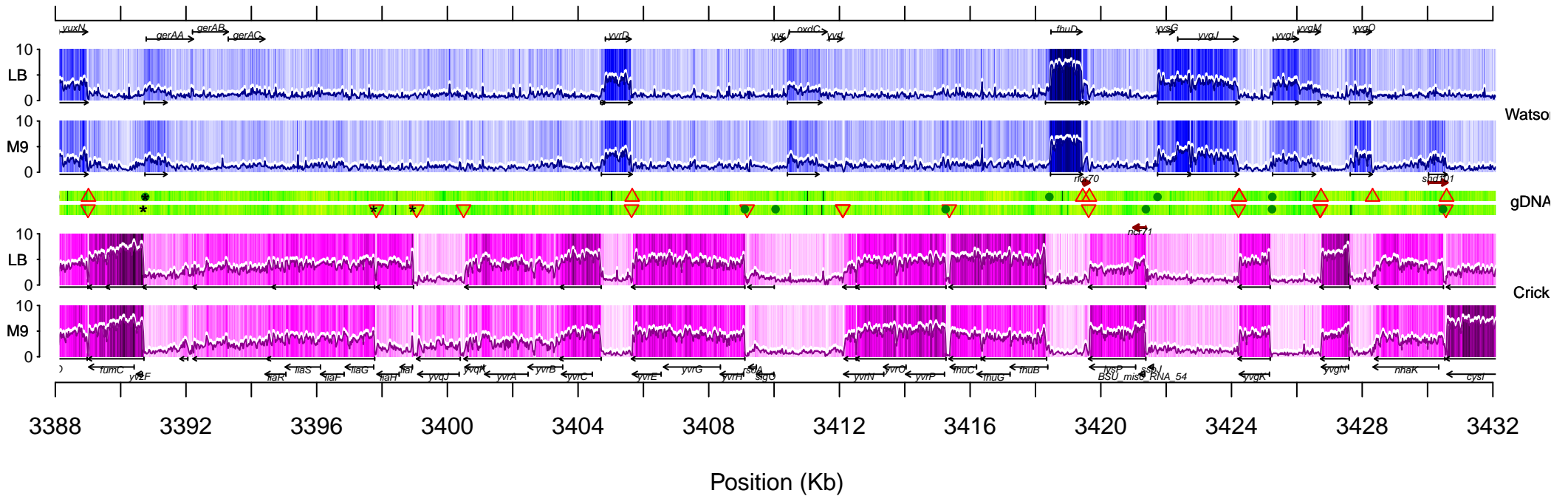
Position (Kb)

3432 – 3476 Kb
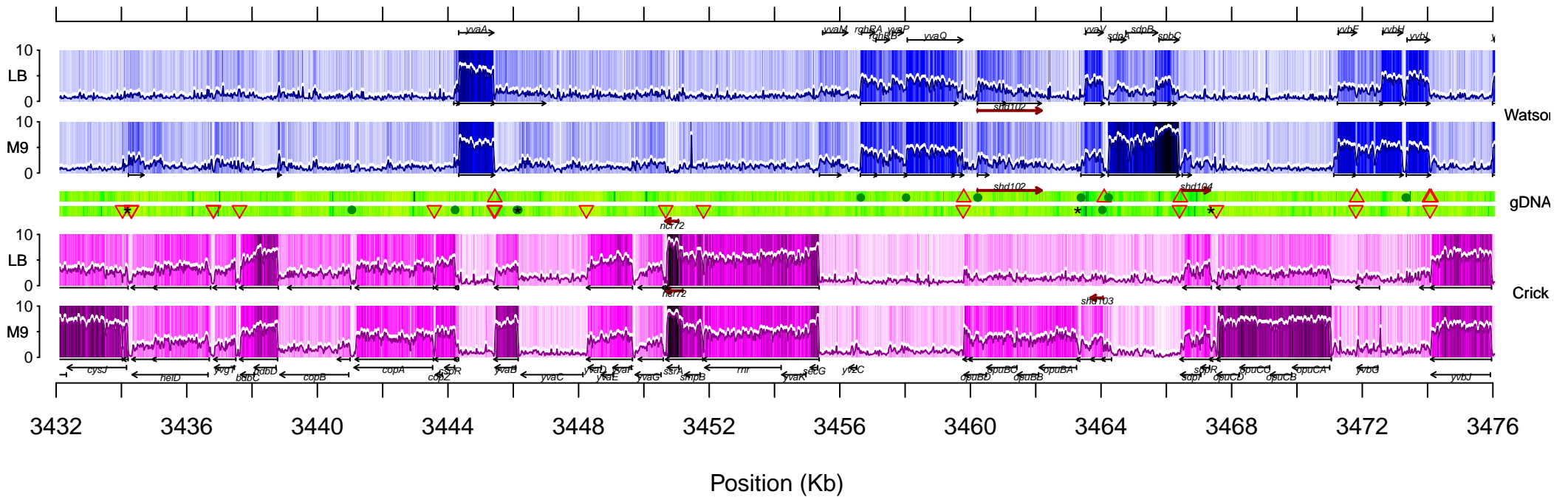
3476 – 3520 Kb
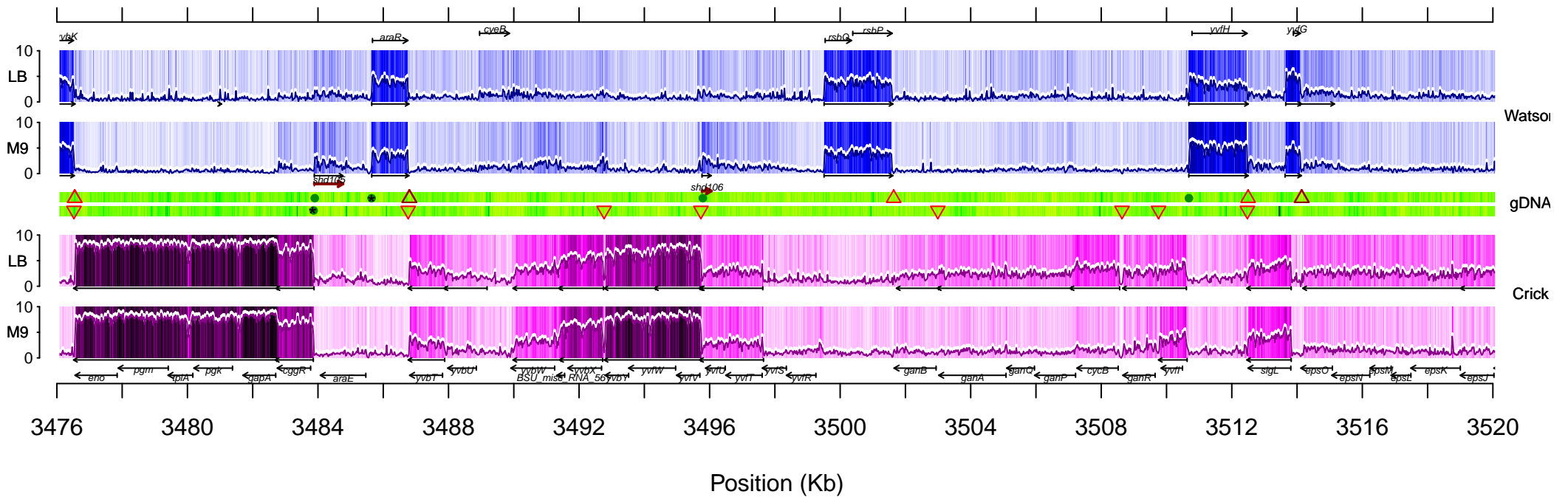
3520 – 3564 Kb
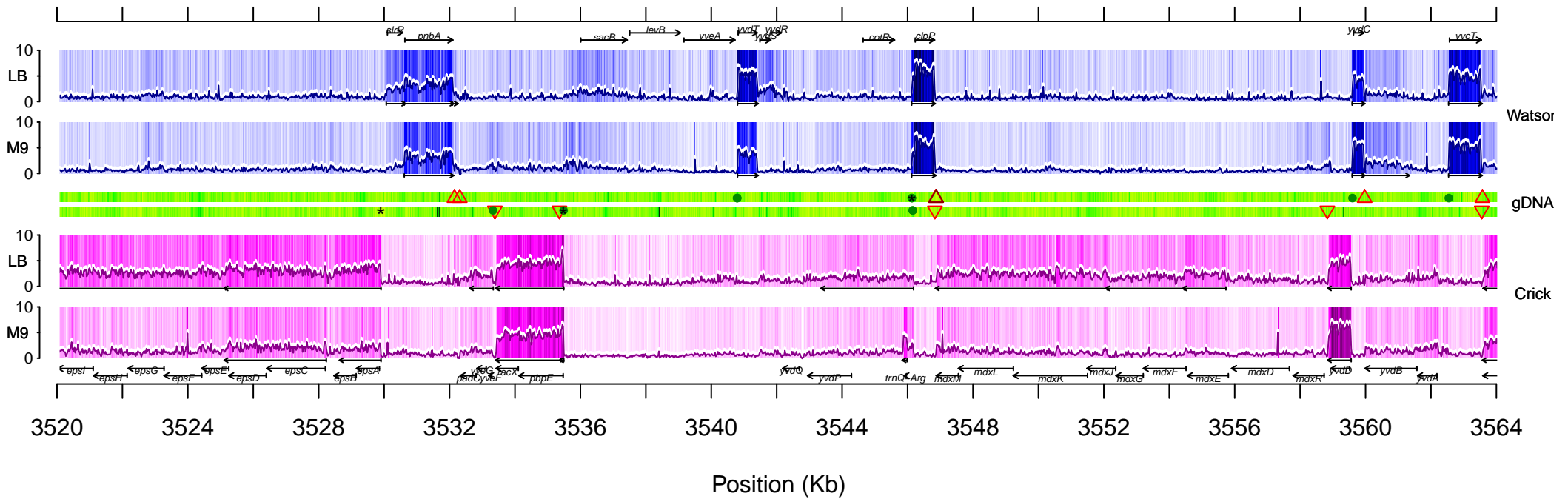
3564 – 3608 Kb

3608 – 3652 Kb

3652 – 3696 Kb

Position (Kb)

3696 – 3740 Kb

Position (Kb)

3740 – 3784 Kb
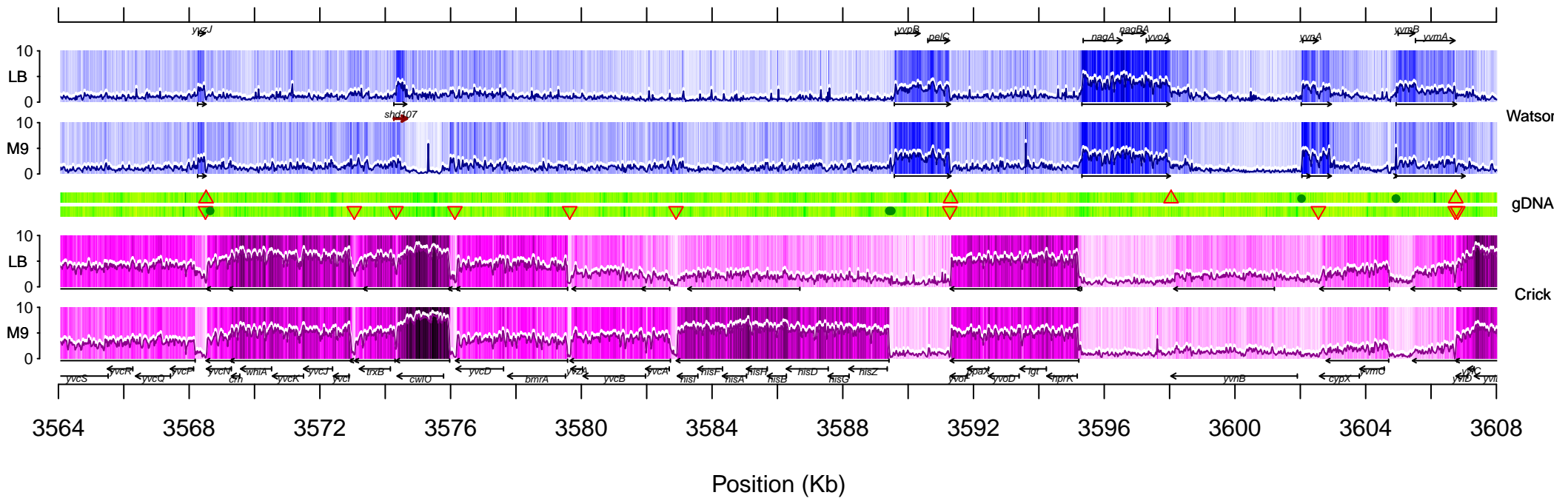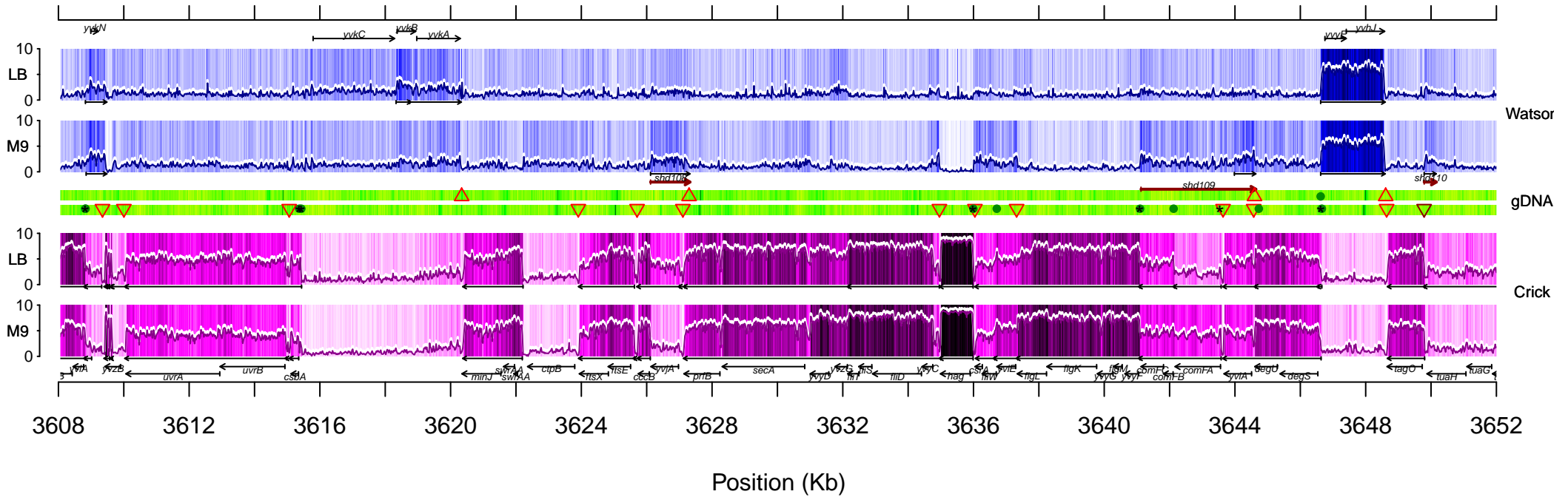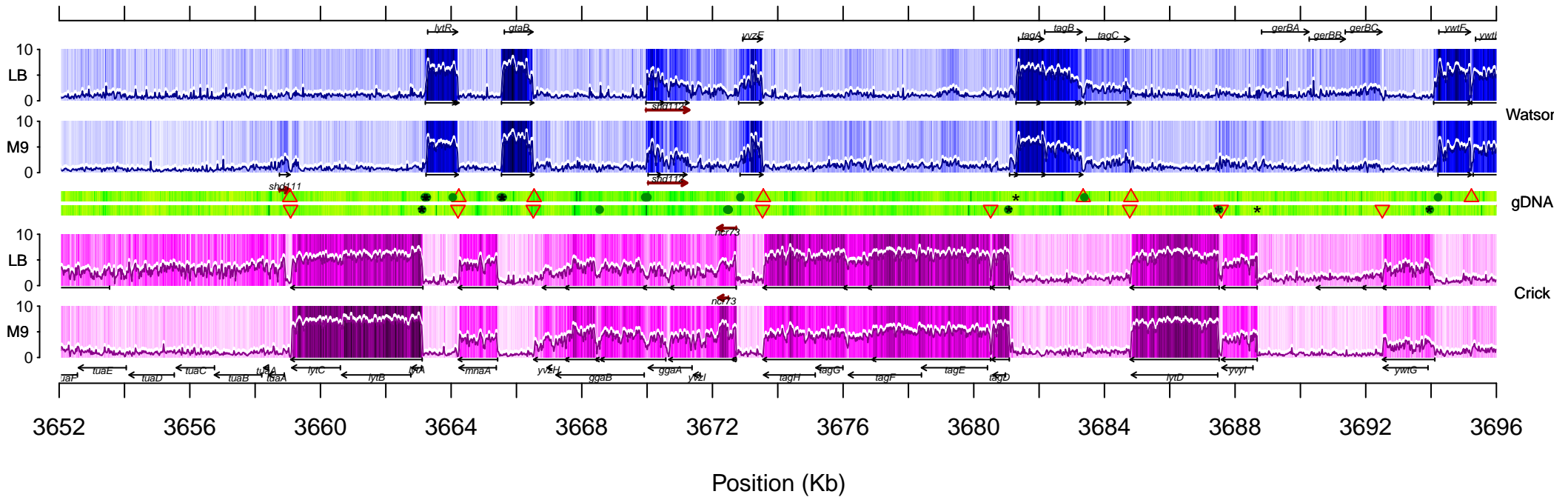
Position (Kb)

3784 – 3828 Kb
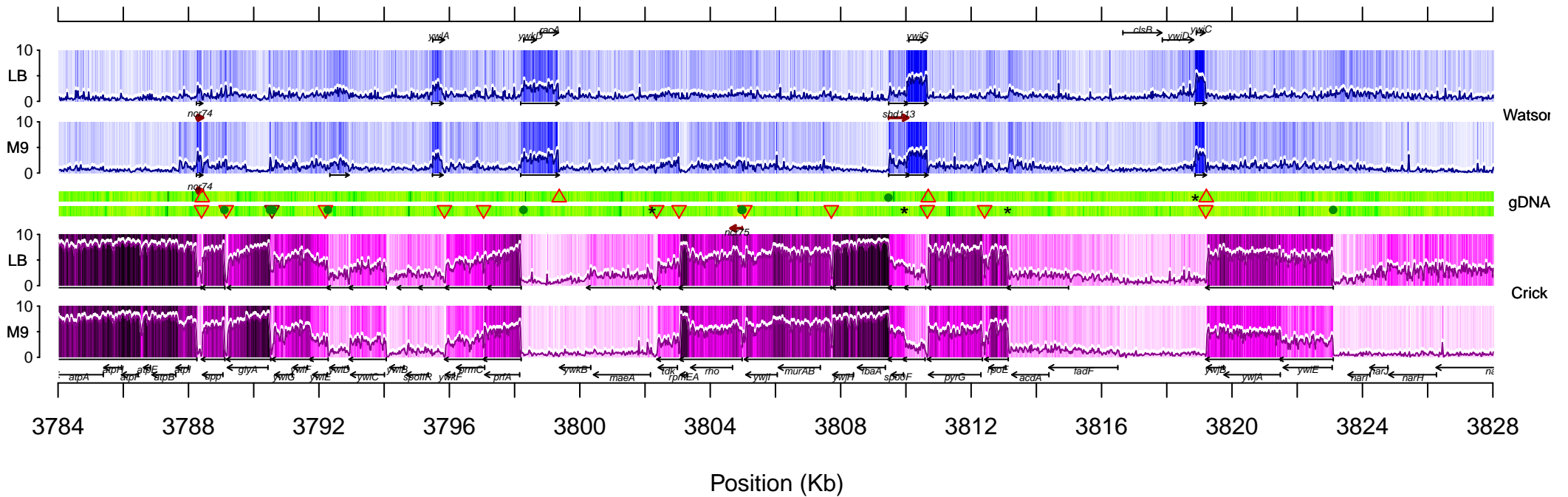
3828 – 3871 Kb

3872 – 3916 Kb

3916 – 3960 Kb

Position (Kb)

3960 − 4003 Kb

LB

M9

gDNA

LB

M9

Position (Kb)

4004 − 4048 Kb

LB

M9

gDNA

LB

M9

Position (Kb)

4048 – 4092 Kb

4092 – 4136 Kb

4136 − 4179 Kb

4179 − 4216 Kb