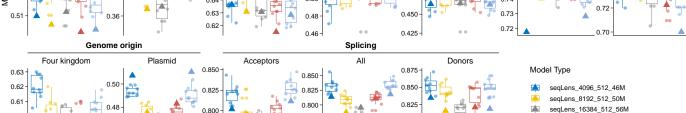
## **Chromatin profiles** H2AFZ H3K27ac H3K27me3 H3K36me3 H3K4me1 H3K4me2 H3K4me3 0.69 0.52 -0.64 0.54 0.52 0.67 0.59 0.600 0.53 -0.50 0.62 0.50 0.65 0.52 -0.60 0.51 0.63 0.50 -0.550 0.58 0.61 0.49 -0.53 0.56 0.59 Chromatin profiles Regulatory elements H3K9ac H3K9me3 H4K20me1 Enhancers Enhancers (types) Promoter (no TATA) Promoter all 0.76 0.67 0.54 0.76 0.55 -0.66 0.500 0.52 -0.65 O.53 ⋅ 0.40 0.50 0.64 0.63 0.450 0.36 0.48 0.62 -0.72 -0.70 0.46 0.425 -Genome origin Splicing



0.800

0.775

0.0

0.775 -

0.750

seqLens\_32768\_512\_69M

seqLens 65536 512 94M

0.60 -

0.59

0.46

0.775