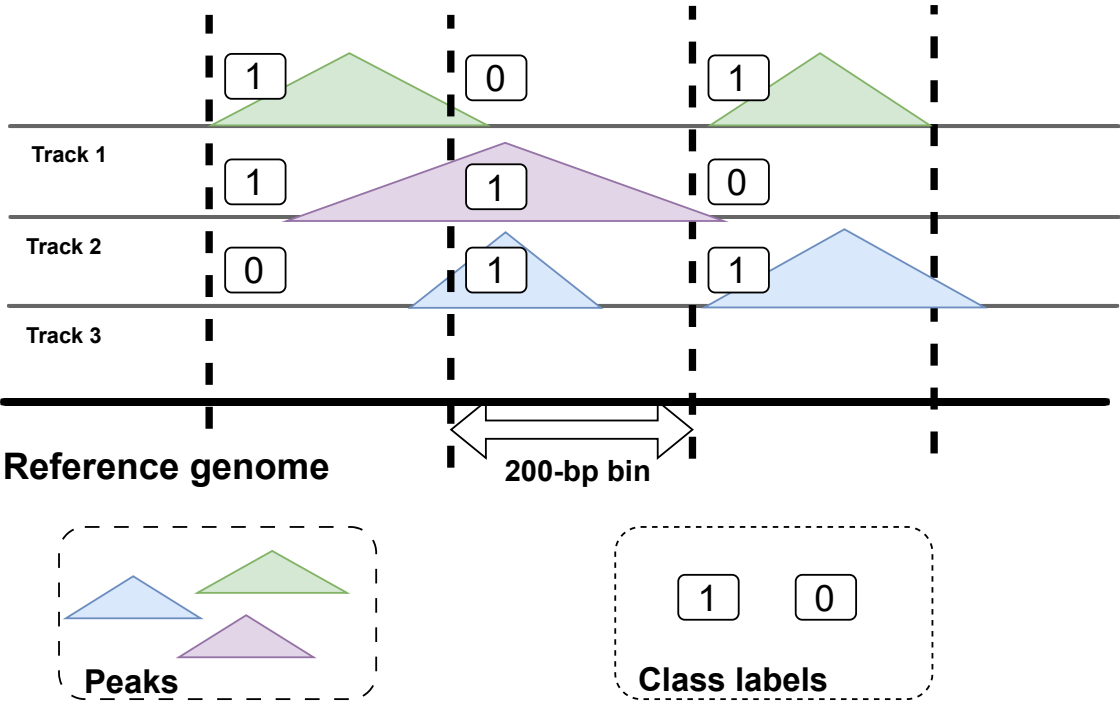


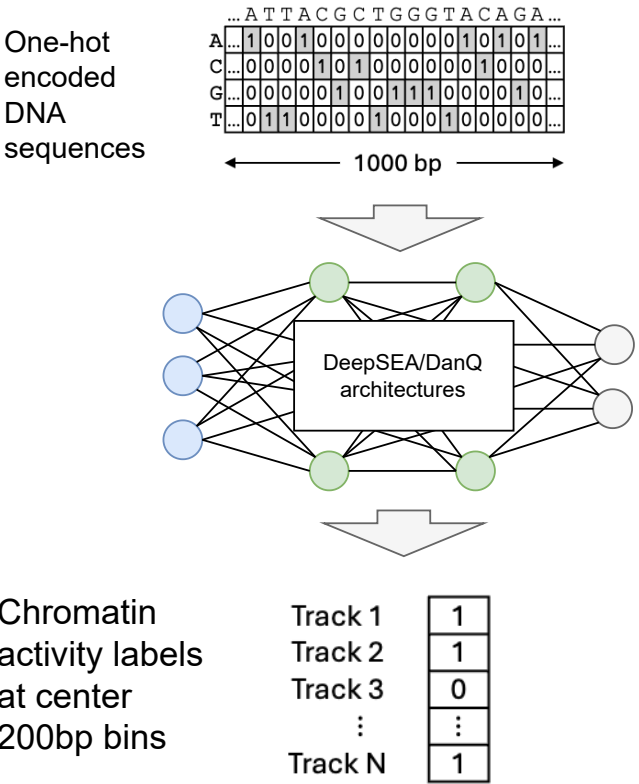
A. Datasets

Types	Cattle	Chicken	Pig	Salmon
ATAC/DNaseSeq	15	17	16	48
CTCF/DMC1	16	16	0	56
H3K27ac	16	16	16	47
H3K27me3	16	16	16	47
H3K36me3	0	0	0	9
H3K4me1	16	16	16	47
H3K4me3	16	16	16	47
Sum	95	97	80	301

B. Data labelling scheme



C. Model training



D. Regulatory impact inference

