



Pangenome reconstruction in rats enhances genotype-phenotype mapping and novel variant discovery

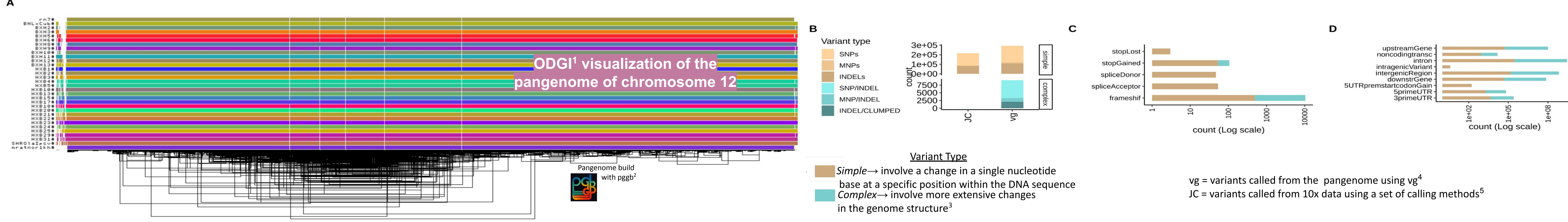
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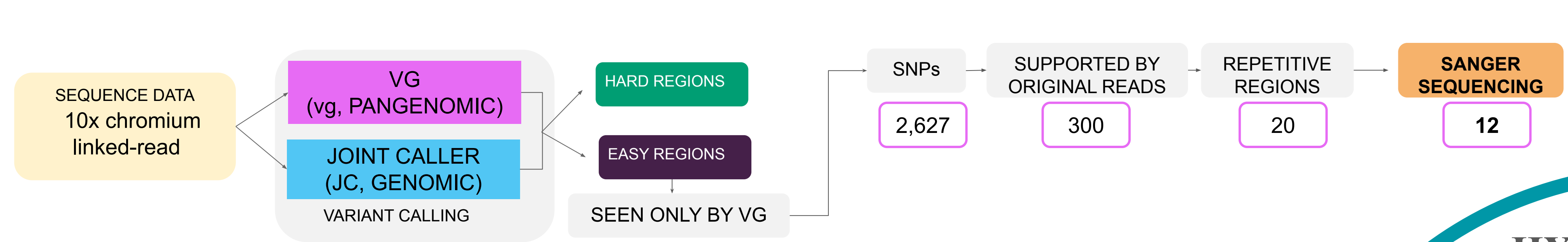
1

The pangenome captures novel complex microvariants



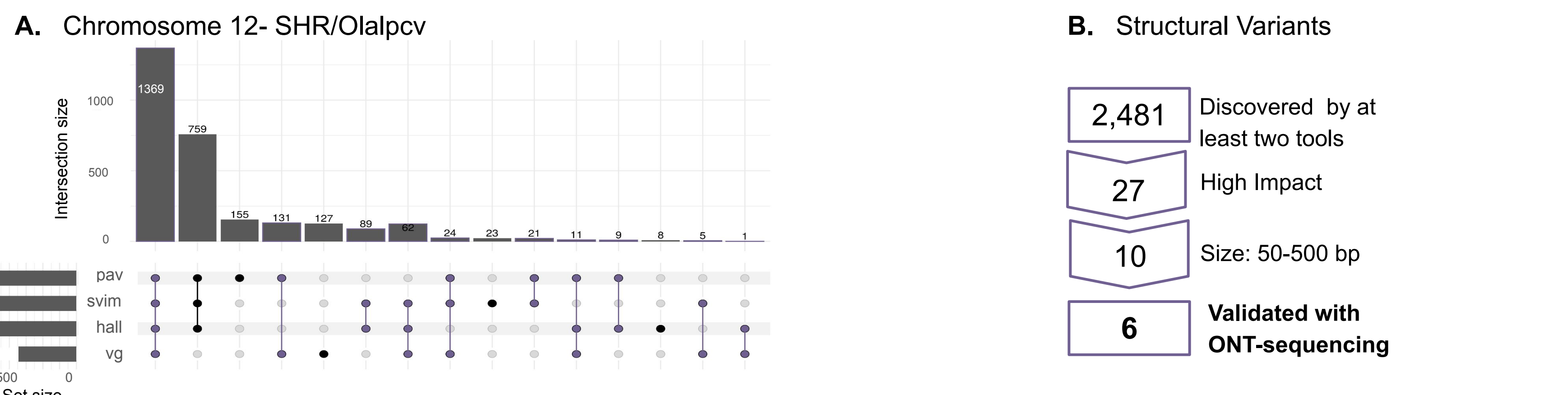
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12 novel SNPs validated with PCR-sequencing



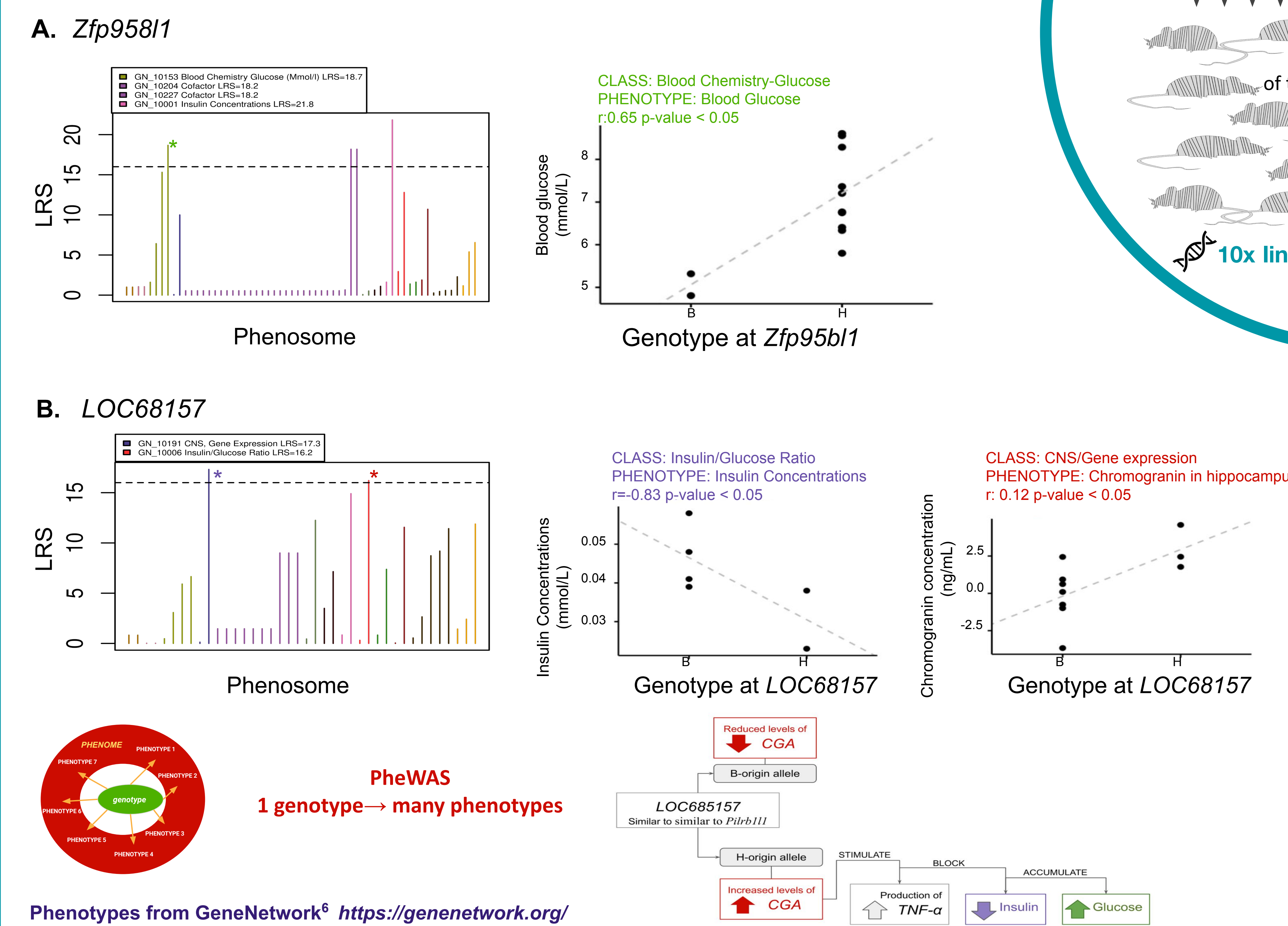
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6 novel Structural Variants validated with ONT-sequencing



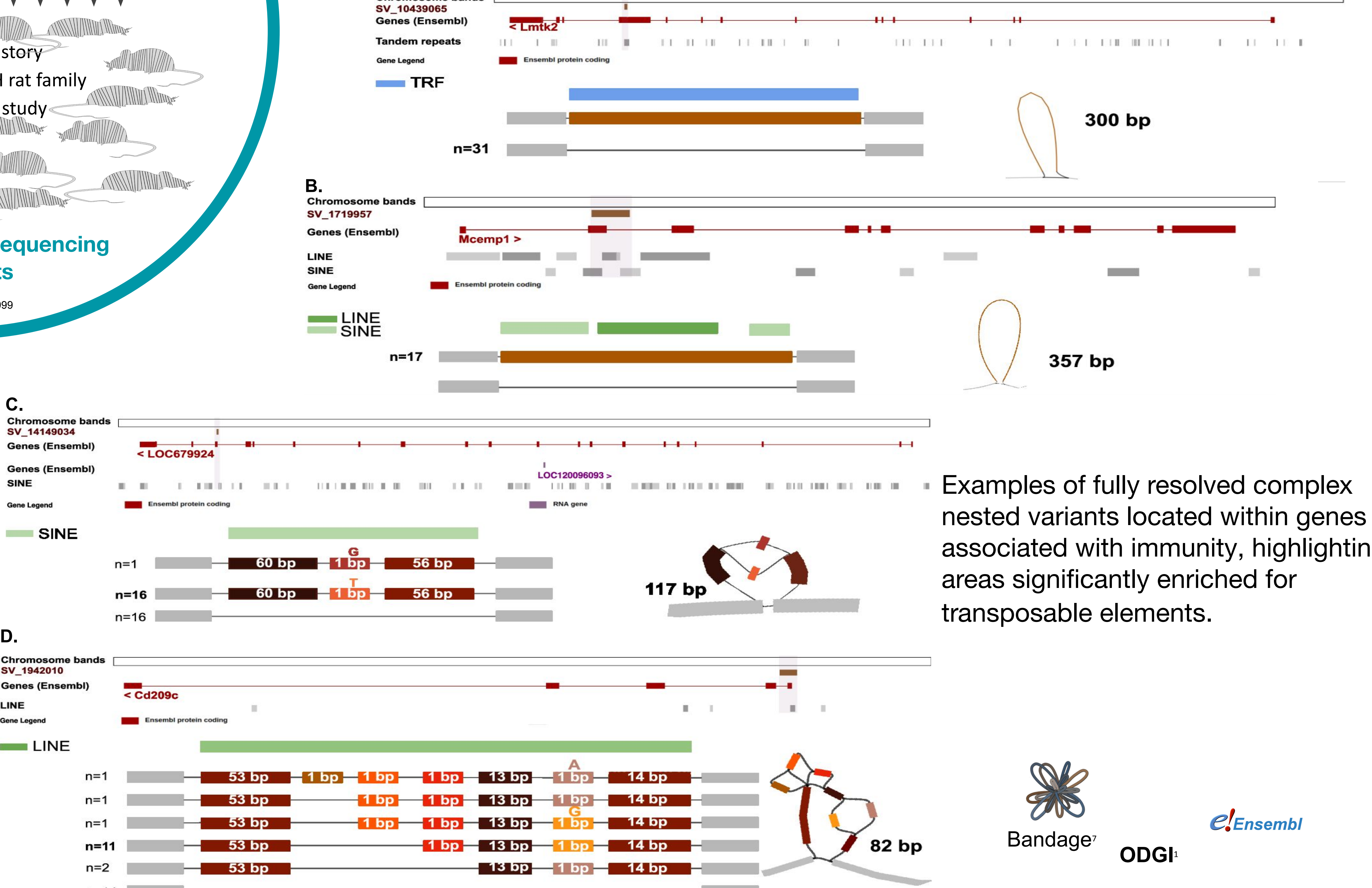
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Novel pangenome variants associated with glucose, insulin and chromogranin expression



5

Resolution of complex SVs discovered using pangenome graphs



References

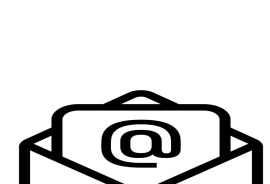
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