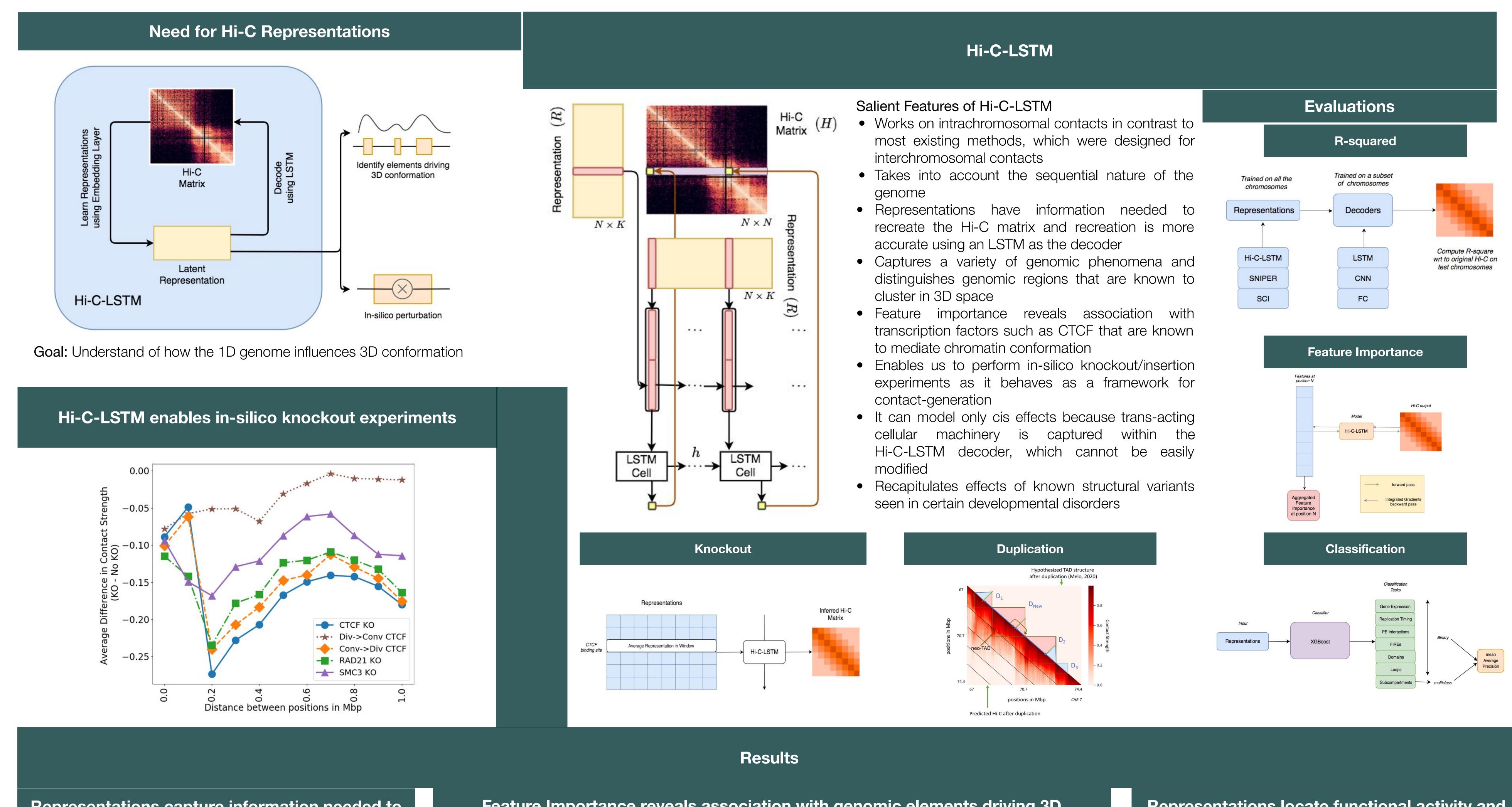


Hi-C-LSTM: Learning representations of chromatin contacts using a recurrent neural network identifies genomic drivers of 3D genome conformation

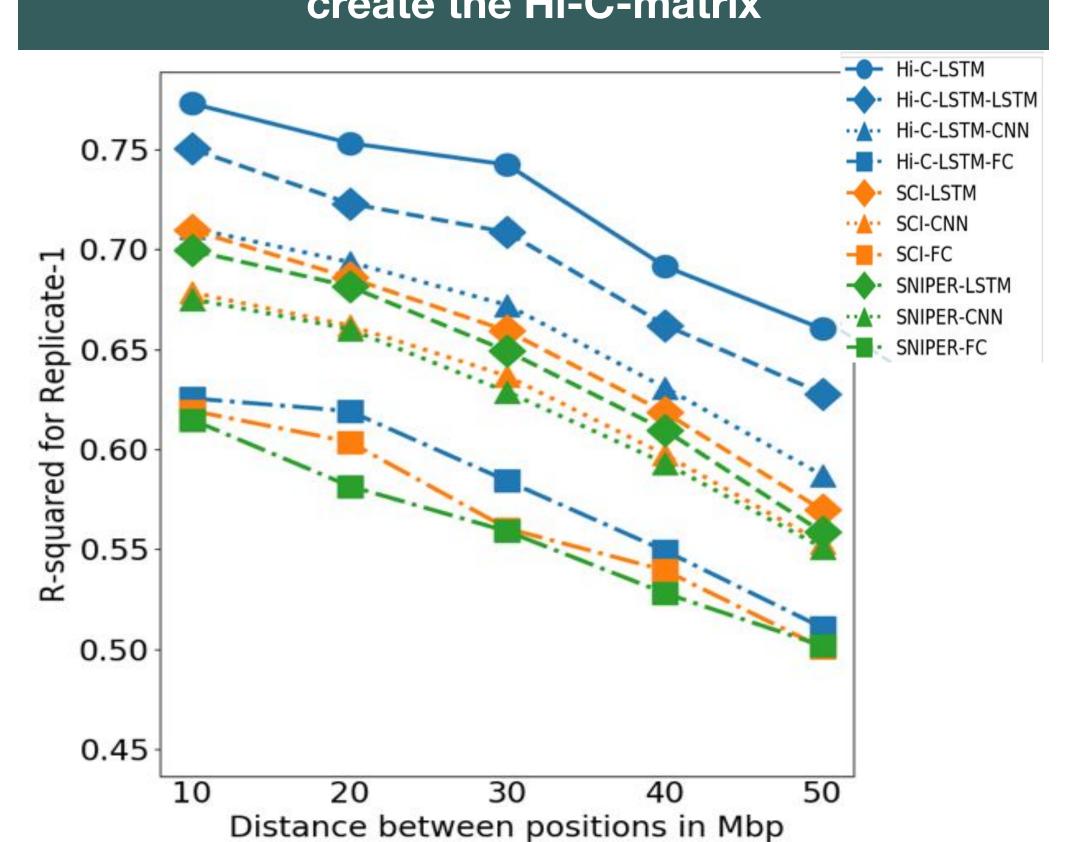




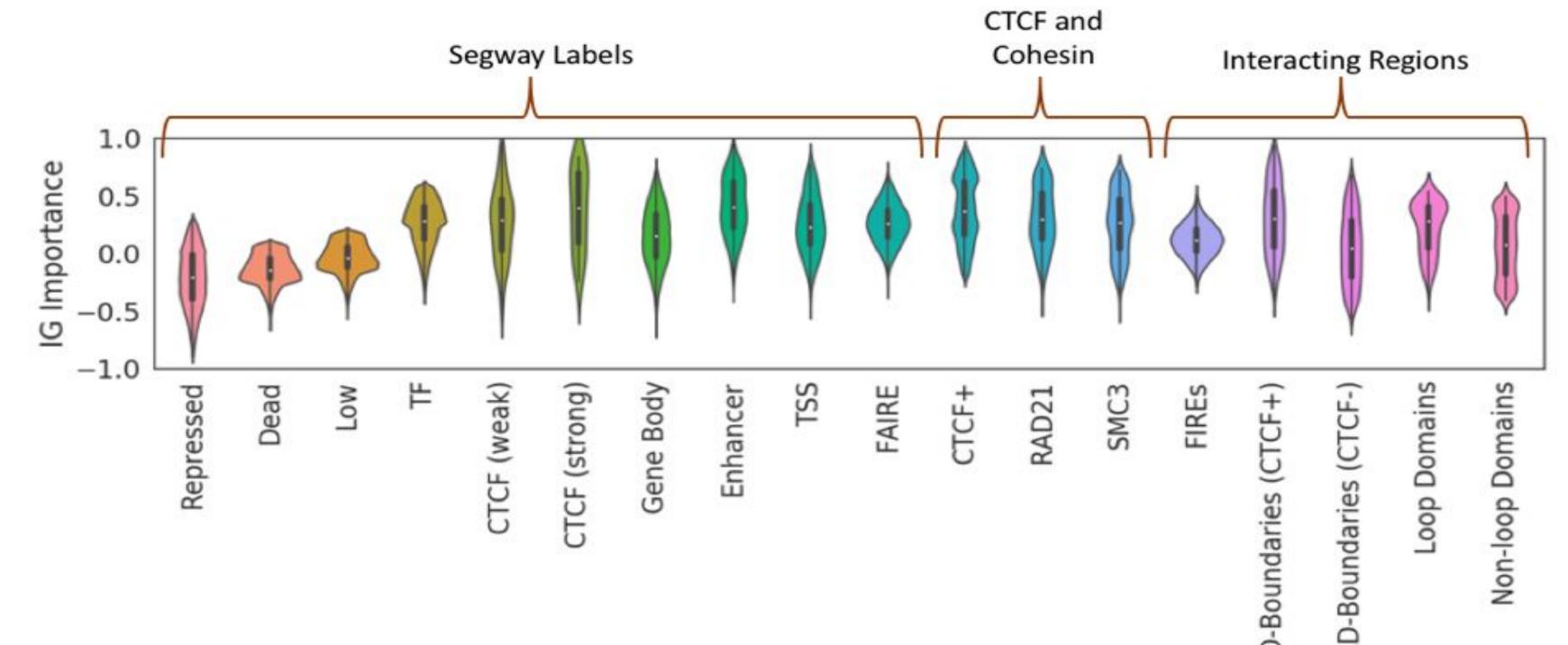
K. B. Dsouza, A. Maslova, E. Al-Jibury, M. Merkenschlager, V. K. Bhargava, M. W. Libbrecht







Feature Importance reveals association with genomic elements driving 3D conformation



Representations locate functional activity and regions that drive 3D conformation

