Epigenomic analysis of cancer stem cell (CSC)-enriched triple-negative breast cancer (TNBC) SYR::S P2-04-03 populations reveals gene regulatory circuitry and novel tumor cell vulnerabilities

Abstract

initiating cells



- intermediate epithelial/mesenchymal phenotypic state



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Matthew G. Guenther¹, Arthur W. Lambert², Christopher Fiore¹, Yogesh Chutake¹, Mei Wei Chen¹, Brian Bierie², Robert Weinberg², Christian C. Fritz¹, Eric Olson¹ ¹Syros Pharmaceuticals, 620 Memorial Drive, Cambridge, MA 02139; ²Whitehead Institute of Technology, Nine Cambridge Center, Cambridge, MA 02142

Identification of CSC Drivers through Transcriptional Circuitry

Reads from H3K27ac ChIP-seq, p73 ChIP-seq, and ATAC-seq in ITGB4^{hi} and ITGB4^{lo} populations at SE-linked locus

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p73 Localizes to Regions of Differential H3K27ac

- discovery and eventually, therapeutic benefit

