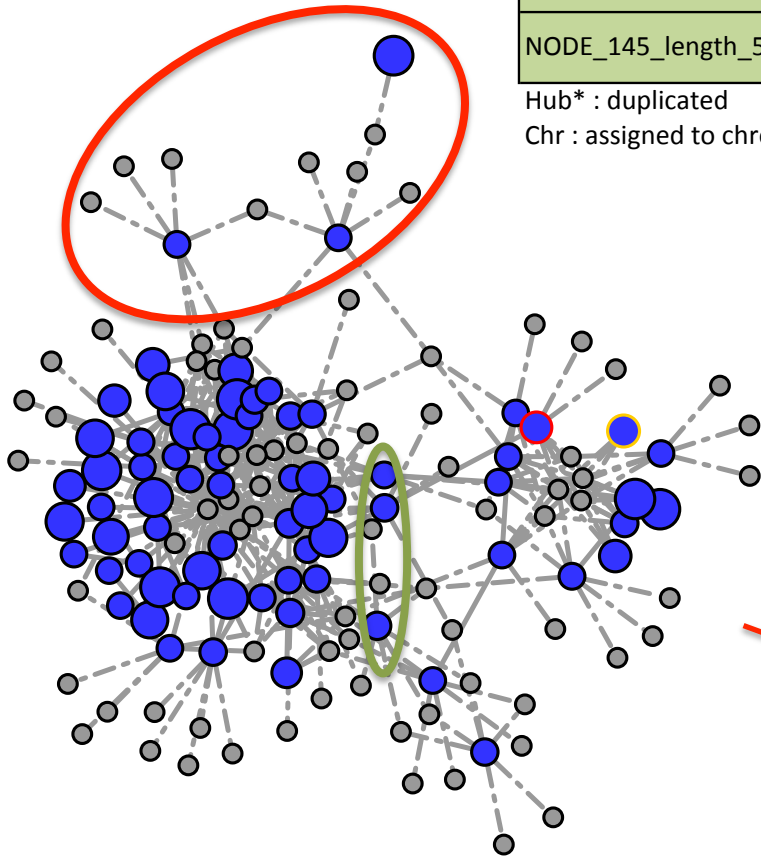


STEP 2: Initial plasmid and hub analysis

Node (chr. 17x aprox.)	Blastn/Blastx	Copy number (cov. based)	Decision
NODE_18_length_88778_cov_17.254745	putative DNA helicase, conserved hypothetical protein	1	Chr
NODE_39_length_339_cov_36.088123	transposase IS1	2	Chr
NODE_23_length_708_cov_35.866665	MATE family multidrug exporter	2	Chr
NODE_116_length_939_cov_35.117306	transposase IS100	2	Hub*
NODE_5_length_2581_cov_103.488617	putative phage tail protein, transposase	6	Hub*
NODE_145_length_559_cov_37.085239	hypothetical protein, reverse transcriptase	2	Hub*

Hub* : duplicated

Chr : assigned to chromosome



STEP 3: Hub duplication and definition of p1 plasmid

