



## STEP 2: Initial plasmid analysis and analysis of hubs

Node (chr. 17x approx.)	Blastn/Blastx	Copy number (cov. based)	Decision
NODE_266_length_1007_cov_18.901621	<i>tnpA</i> , <i>tetR</i> genes	1	unassigned
NODE_283_length_397_cov_20.125944	<i>bla<sub>OXA-2</sub></i> , integrase recombinase site, <i>qacED1</i> (partial)	1	unassigned
NODE_270_length_880_cov_43.992481	partial class 1 integron: recombination site for <i>Int1</i> , <i>bla<sub>OXA-2</sub></i> , <i>aadA1</i> (partial)	2	unassigned
NODE_250_length_1065_cov_27.870804	partial class 1 integron: <i>orf5</i> , <i>tnpA</i>	1	unassigned
NODE_276_length_1016_cov_23.614561	partial class 1 integron: <i>bla<sub>OXA-2</sub></i> (partial), <i>aadA1</i> , <i>bla<sub>OXA-2</sub></i> (partial)	1	unassigned
NODE_144_length_247_cov_202.624237	<i>TnpA_IS1</i>	9	Hub*
NODE_100_length_259_cov_204.949158	<i>TnpA_IS1</i>	9	Hub*

Hub\* : duplicated