

S18 Table: Acceptor and donor candidates for ERR103405 run with yara, species filter and no samflag filter. Sampling sensitivity = 85. No taxon blacklist. No parent blacklist. No species blacklist. (-)0.000* represents absolute values < 0.0004. The supposed acceptor is marked in bold.

Type	Candidate		MicrobeGPS metrics			DaisyGPS metrics	
	Name	Accession.Version	Number Reads	Validity	Heterogeneity	Donor Score	Acceptor Score
Acceptor	Staphylococcus aureus subsp. aureus HO 5096 0412	NC.017763.1	192851	0.811	0.03	0.781	0.041
Acceptor	Staphylococcus aureus subsp. aureus	NZ.CP007659.1	192626	0.804	0.031	0.773	0.040
Donor	Staphylococcus pseudintermedius ED99	NC.017568.1	459	0.001	0.698	-0.696	-0.000*
Donor	Staphylococcus warneri SG1	NC.020164.1	236	0.003	0.658	-0.655	-0.000*
Donor	Staphylococcus epidermidis RP62A	NC.002976.3	2006	0.005	0.543	-0.538	-0.000*
Donor	Staphylococcus haemolyticus JCSC1435	NC.007168.1	1278	0.005	0.293	-0.289	-0.000*
Donor	Staphylococcus aureus subsp. aureus COL	NC.002951.2	21599	0.097	0.227	-0.13	-0.001
Acceptor-like Donor	Staphylococcus aureus subsp. aureus	NZ.CP018205.1	20618	0.100	0.091	0.009	0.000*