

Annex 4: Potential donors for every RNA-free atypical region (*Haemophilus influenzae*)



st Haemophilus influenzae

Position (Kb) Distances from host (AU)	Signature of original region	Signature of 1 st potential donor	Potential donors sequence length	Distances from outlier (AU)	Position (Kb) Distances from host (AU)	Signature of original region	Signature of 1 st potential donor	Potential donors sequence length	Distances from outlier (AU)
51.751-52.750 350			<i>Prochlorococcus marinus</i> 1751080 nt <i>Borrelia burgdorferi</i> 910724 nt <i>Borrelia burgdorferi</i> cp32-1 30750 nt <i>Borrelia burgdorferi</i> cp32-8 30885 nt <i>Borrelia burgdorferi</i> cp32-3 30223 nt	184 205 207 208 209	919.251-925.250 363			<i>S. aureus</i> pETB 38211 nt <i>M. jannaschii</i> extra2 58407 nt <i>S. aureus</i> pN315B 24653 nt <i>Mesostigma viride</i> chloro 118360 nt <i>S. aureus</i> 21kb pl 20719 nt	144 155 159 159 163
120.251-121.250 374			<i>Mesostigma viride</i> 1782 nt no credible donor distance too great	243	1302.251-1303.250 445			<i>Photobacterium profundum</i> 37976 nt no credible donor distance too large	339
285.751-287.250 283			<i>Staphylococcus hominis</i> 24362 nt <i>Odontella sinensis</i> 119630 nt <i>Staphylococcus haemolyticus</i> 22162 nt <i>G theta</i> 196216 nt <i>S. aureus</i> pVRSAp 25107 nt	200 205 208 210 217	1561.751-1564.250 327			<i>M. haemolytica</i> pMHSCS1 4992 nt no credible donor distance too great	242
532.251-533.250 316			<i>Listeria murrayi</i> 3186 nt no credible donor distance too great	276	1571.251-1589.750 292			<i>Vibrio cholerae</i> CHR2 1072315 nt <i>Shewanella putrefasciens</i> 43518 nt <i>Vibrio vulnificus</i> 60853 nt <i>Vibrio cholerae</i> CHR1 2961149 nt <i>Bacteriophage</i> K139 33106 nt	159 160 167 168 168
534.751-535.250 351			<i>Pediococcus pentosaceus</i> 26400 nt no credible donor distance too great	334	1766.751-1769.250 361			<i>C. paradoxa</i> cyanelle 135599 nt <i>Borrelia burgdorferi</i> 910724 nt <i>Cyanidioschyzon merolae</i> 18828 nt <i>Tribolium castaneum</i> 15841 nt <i>Mesostigma viride</i> 1782 nt	198 210 211 213 216
597.751-599.250 356			<i>Desulfosporosinus orientis</i> 1800 nt no credible donor distance too great	261	1806.251-1807.250 366			<i>Colwellia maris</i> 14959 nt no credible donor distance too great	292
839.751-841.250 328			<i>Colwellia maris</i> 14959 nt <i>Moritella marina</i> 46068 nt	216 243					