**Supplementary Table 2: References identified using rRNA in MetaQUAST.**

|  |  |
| --- | --- |
| **MetaQUAST with Faeces Datasets** | **MetaQUAST with Marine Datasets** |
| Aceivibrio\_cellulolyicu\_CD2 | Albidierx\_errireducen\_T118 |
| Adlercreuzi\_equolicien | Burkholderi\_cenocepci\_J2315 |
| Akkermni\_muciniphil\_ATCC\_BAA-835 | Burkholderi\_cepci |
| Aneroipe\_ccce\_DSM\_14662 | Cndidu\_Niroorcheum\_koreeni\_MY1 |
| Aneroruncu\_colihomini\_DSM\_17241 | Chondromyce\_crocu |
| Bceriovorx\_mrinu\_SJ | Cireicell\_p\_357 |
| Bceroide\_coprocol | Colwelli\_piezophil |
| Bceroide\_milieni | del\_proeobcerium\_PSCGC\_5451 |
| Bceroide\_plebeiu | Deulibcillum\_lkenivorn\_AK-01 |
| Buyricicoccu\_pullicecorum\_12 | Deulobcc\_ceoxidn\_DSM\_11109 |
| Buyrivibrio\_croou | Deulobulbu\_medierrneu |
| Chlorolexi\_bcerium\_orl\_xon\_439\_iole\_Chl1-2 | Deuluromon\_ceoxidn\_DSM\_684 |
| Cloridicee\_bcerium\_JC13 | Echerichi\_coli\_APEC\_O78 |
| Cloridium\_lepum | Eudore\_driic\_DSM\_19308 |
| Cloridium\_mehylpenoum\_DSM\_5476 | Flvobcerium\_rigori |
| Cloridium\_ppyroolven | Flvobcerium\_gelidilcu |
| Cloridium\_phyoermenn\_ISDg | Fodinicurv\_edimini\_DSM\_21159 |
| Cloridium\_p\_01 | Gmmproeobceri\_bcerium\_SCGC\_AAA003-E02 |
| Cloridium\_rminiolven\_JCM\_21531 | Gillii\_mrin |
| Cloridium\_hermocellum\_ATCC\_27405 | Glciecol\_p\_4H-3-75 |
| Colwelli\_pychreryhre\_34H | Grmell\_oreii\_KT0803 |
| Coprococcu\_come\_ATCC\_27758 | Ignvibcerium\_lbum |
| Cyophg\_ermenn\_DSM\_9555 | Ilumobcer\_coccineu\_YM16-304 |
| Deulole\_pychrophil\_LSv54 | Lcinurix\_p\_5H-3-7-4 |
| Dore\_ormicigenern\_ATCC\_27755 | Leioni\_rubr |
| Dore\_p\_AP6 | Mribcer\_p\_HTCC2170 |
| Echerichi\_coli\_IAI39 | Niropin\_grcili\_3211 |
| Firmicue\_bcerium\_CAG:822 | Prvulrcul\_bermudeni\_HTCC2503 |
| Flvobceri\_bcerium\_BAL38 | Pelobcer\_crbinolicu\_DSM\_2380 |
| Formo\_lge | Pelobcer\_eleniigene |
| Geobcer\_bemidjieni\_Bem | Peudoleromon\_lnic\_T6c |
| Glciecol\_rcic\_BS20135 | Pychrilyobcer\_lnicu\_DSM\_19335 |
| Keogulonicigenium\_vulgre\_WSH-001 | Pychromon\_rcic\_DSM\_14288 |
| Lchnopircee\_bcerium\_6\_1\_37FAA | Pychromon\_ingrhmii\_37 |
| Lewinell\_peric\_DSM\_23188 | Synrophobcer\_umroxidn\_MPOB |
| Mrile\_myrionece\_DSM\_19524 | Thiolklivibrio\_ulidophilu\_HL-EbGr7 |
| Microcill\_mrin | Thiolklivibrio\_hiocynodeniriicn\_ARhD\_1 |
| Moriell\_p\_PE36 |  |
| Ocdecbcer\_nrcicu\_307 |  |
| Oleipir\_nrcic\_RB-8 |  |
| Ocillibcer\_p\_1-3 |  |
| Prbceroide\_merde |  |
| Prprevoell\_clr |  |
| Polribcer\_dokdoneni |  |
| Pychromon\_rcic\_DSM\_14288 |  |
| Pychromon\_ingrhmii\_37 |  |
| Pychromon\_p\_CNPT3 |  |
| Roeburi\_homini\_A2-183 |  |
| Roeivirg\_ehrenbergii |  |
| Ruminococccee\_bcerium\_D16 |  |
| Ruminococcu\_bromii |  |
| Ruminococcu\_cllidu\_ATCC\_27760 |  |
| Ruminococcu\_chmpnelleni\_18P13 |  |
| Ruminococcu\_lvecien |  |
| Ruminococcu\_lcri\_ATCC\_29176 |  |
| Scchrophgu\_degrdn\_2-40 |  |
| Shewnell\_rigidimrin\_NCIMB\_400 |  |
| Shewnell\_pelen\_ATCC\_700345 |  |
| Shewnell\_edimini\_HAW-EB3 |  |
| Srepococcu\_glcie\_SS1219 |  |
| Suliobcer\_p\_EE-36 |  |
| Suliobcer\_p\_NAS-141 |  |
| Treponem\_cchrophilum\_DSM\_2985 |  |
| Vibrio\_plendidu |  |
| Vibrio\_plendidu\_LGP32 |  |