## Comparison of decon/symbiont/organelle detection tools

**Example ilCosTrap1**

177 scaffolds

## Decon pipeline

|  |  |
| --- | --- |
| **Scaffold ID** | **Hit type** |
| scaffold\_10 | Euk adaptor sequence, VecScreen\_Strong |
| scaffold\_100 | Plastid |
| scaffold\_100 | Common Euk contaminants |
| scaffold\_132 | Common Euk contaminants |
| scaffold\_160 | Mitochondrial |
| scaffold\_114 | Mitochondrial |
| scaffold\_112 | Mitochondrial |
| scaffold\_66 | Mitochondrial |
| scaffold\_73 | Mitochondrial |
| scaffold\_33 | Mitochondrial |
| scaffold\_32 | Mitochondrial |
| scaffold\_15 | Mitochondrial |
| scaffold\_27 | Mitochondrial |
| scaffold\_19 | Mitochondrial |
| scaffold\_21 | Mitochondrial |
| scaffold\_29 | Mitochondrial |
| scaffold\_9 | Mitochondrial |
| scaffold\_23 | Mitochondrial |
| scaffold\_11 | Mitochondrial |
| scaffold\_37 | Mitochondrial |
| scaffold\_4 | Mitochondrial |
| scaffold\_16 | Mitochondrial |
| scaffold\_1 | Mitochondrial |
| scaffold\_13 | Mitochondrial |
| scaffold\_17 | Mitochondrial |
| scaffold\_6 | Mitochondrial |
| scaffold\_24 | Mitochondrial |
| scaffold\_25 | Mitochondrial |

## Tiara

|  |  |  |
| --- | --- | --- |
| Scaffold | Category | Notes |
| scaffold\_97 | Bacteria |  |
| scaffold\_100 | Bacteria |  |
| scaffold\_101 | Bacteria |  |
| scaffold\_104 | Bacteria |  |
| scaffold\_109 | Bacteria |  |
| **scaffold\_112** | **Unknown** |  |
| scaffold\_113 | Bacteria |  |
| scaffold\_121 | Bacteria |  |
| scaffold\_122 | Bacteria |  |
| scaffold\_123 | Bacteria |  |
| scaffold\_127 | Bacteria |  |
| scaffold\_129 | Bacteria |  |
| **scaffold\_130** | **Unknown** |  |
| scaffold\_131 | Bacteria |  |
| **scaffold\_132** | **Bacteria** |  |
| scaffold\_134 | Bacteria |  |
| scaffold\_135 | Bacteria |  |
| scaffold\_138 | Bacteria |  |
| scaffold\_139 | Bacteria |  |
| scaffold\_141 | Bacteria |  |
| scaffold\_142 | Bacteria |  |
| scaffold\_143 | Bacteria |  |
| scaffold\_145 | Bacteria |  |
| scaffold\_146 | Bacteria |  |
| scaffold\_147 | Bacteria |  |
| scaffold\_148 | Bacteria |  |
| scaffold\_149 | Bacteria |  |
| scaffold\_150 | Bacteria |  |
| scaffold\_152 | Bacteria |  |
| scaffold\_153 | Bacteria |  |
| scaffold\_154 | Bacteria |  |
| scaffold\_157 | Bacteria |  |
| scaffold\_158 | Bacteria |  |
| scaffold\_159 | Bacteria |  |
| scaffold\_161 | Bacteria |  |
| scaffold\_162 | Bacteria |  |
| scaffold\_163 | Bacteria |  |
| scaffold\_164 | Bacteria |  |
| scaffold\_166 | Bacteria |  |
| scaffold\_167 | Bacteria |  |
| scaffold\_168 | Bacteria |  |
| scaffold\_169 | Bacteria |  |
| scaffold\_170 | Bacteria |  |
| scaffold\_171 | Bacteria |  |
| scaffold\_172 | Bacteria |  |
| scaffold\_173 | Bacteria |  |
| scaffold\_174 | Bacteria |  |
| scaffold\_175 | Bacteria |  |
| scaffold\_177 | Bacteria |  |
| **scaffold\_114** | **Organelle (mitochondrion)** |  |
| **scaffold\_160** | **Organelle (mitochondrion)** |  |

Other examples;

*Brugia malayi*

Bm\_193 bacteria

Bm\_199 bacteria

Bm\_059 bacteria

Bm\_258 bacteria

Bm\_135 bacteria

Bm\_229 bacteria

Bm\_111 bacteria

Bm\_103 unknown

wBm\_Wolbachia bacteria

Bm\_134 unknown

Bm\_248 bacteria

*Schistosoma turkestanicum*

* Unknown

STUR.scaffold.01001.28889 unknown n/a < Known numt (manually picked out)

STUR.scaffold.02176.21113 unknown n/a < Known numt

STUR.scaffold.04438.14460 unknown n/a

STUR.scaffold.04871.13670 unknown n/a

STUR.scaffold.05734.12320 unknown n/a

STUR.scaffold.05867.12114 unknown n/a

STUR.scaffold.06270.11613 unknown n/a

STUR.scaffold.06329.11527 unknown n/a

STUR.scaffold.07449.10406 unknown n/a

STUR.scaffold.08398.9607 unknown n/a

STUR.contig.10648.8126 unknown n/a

STUR.scaffold.11852.7532 unknown n/a

STUR.scaffold.13445.6875 unknown n/a

STUR.contig.19679.5147 unknown n/a

STUR.contig.21757.4761 unknown n/a

STUR.scaffold.23230.4532 unknown n/a

STUR.scaffold.23953.4425 unknown n/a

STUR.scaffold.24507.4343 unknown n/a

STUR.scaffold.24942.4288 unknown n/a

STUR.scaffold.27335.3990 unknown n/a

STUR.contig.28025.3912 unknown n/a

STUR.scaffold.28828.3826 unknown n/a

STUR.scaffold.29929.3709 unknown n/a

STUR.scaffold.32027.3513 unknown n/a

STUR.scaffold.33828.3354 unknown n/a

STUR.scaffold.33931.3346 unknown n/a

STUR.scaffold.33986.3342 unknown n/a

STUR.scaffold.33991.3342 unknown n/a

STUR.scaffold.34949.3267 unknown n/a

STUR.scaffold.34989.3264 unknown n/a

STUR.contig.34997.3264 unknown n/a

STUR.scaffold.35158.3251 unknown n/a

STUR.scaffold.35692.3212 unknown n/a

STUR.scaffold.35746.3208 unknown n/a

STUR.contig.35825.3202 unknown n/a

STUR.scaffold.36539.3150 unknown n/a

STUR.scaffold.36706.3139 unknown n/a

STUR.scaffold.37217.3102 unknown n/a

STUR.scaffold.37388.3089 unknown n/a

STUR.scaffold.37827.3059 unknown n/a

STUR.scaffold.38670.3003 unknown n/a

STUR.scaffold.31186.3589 organelle unknown

* Organelle scaf/contigs

STUR.contig.03594.16332 organelle mitochondrion

STUR.scaffold.09108.9056 organelle plastid

STUR.contig.23042.4557 organelle plastid

STUR.scaffold.29564.3748 organelle mitochondrion

STUR.scaffold.30384.3662 organelle mitochondrion

STUR.scaffold.31186.3589 organelle unknown

STUR.scaffold.31510.3559 organelle mitochondrion

STUR.scaffold.34586.3296 organelle mitochondrion

STUR.scaffold.35705.3211 organelle plastid

STUR.scaffold.35812.3203 organelle plastid

STUR.scaffold.36932.3124 organelle mitochondrion

STUR.scaffold.37113.3110 organelle mitochondrion

STUR.contig.38034.3045 organelle mitochondrion

STUR.scaffold.38103.3040 organelle mitochondrion

* prok

STUR.contig.25150.4264 prokarya n/a

STUR.scaffold.32814.3441 prokarya n/a

STUR.scaffold.35548.3222 prokarya n/a

STUR.scaffold.35894.3197 prokarya n/a

STUR.scaffold.37758.3063 prokarya n/a

STUR.scaffold.37943.3052 prokarya n/a

### Blobtools

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| \_id | gc | length | m64089\_cov | bestsumorder\_phylum | id |
| 0 | 0.3765 | 33405317 | 11.4278 | Arthropoda | scaffold\_1 |
| 1 | 0.3791 | 32954570 | 11.6226 | Arthropoda | scaffold\_2 |
| 2 | 0.3799 | 31672493 | 11.5828 | Arthropoda | scaffold\_3 |
| 3 | 0.3798 | 30742391 | 11.7771 | Arthropoda | scaffold\_4 |
| 4 | 0.3787 | 28725876 | 12.0194 | Arthropoda | scaffold\_5 |
| 5 | 0.3793 | 28652380 | 11.5523 | Arthropoda | scaffold\_6 |
| 6 | 0.3768 | 28236571 | 11.8552 | Arthropoda | scaffold\_7 |
| 7 | 0.3772 | 28120053 | 11.4952 | Arthropoda | scaffold\_8 |
| 8 | 0.3782 | 28022759 | 11.6807 | Arthropoda | scaffold\_9 |
| 9 | 0.3773 | 27978952 | 11.7528 | Arthropoda | scaffold\_10 |
| 10 | 0.3793 | 27852536 | 11.7262 | Arthropoda | scaffold\_11 |
| 11 | 0.3809 | 27238421 | 11.3235 | Arthropoda | scaffold\_12 |
| 12 | 0.3801 | 26999111 | 11.4978 | Arthropoda | scaffold\_13 |
| 13 | 0.3775 | 26323958 | 12.813 | Arthropoda | scaffold\_14 |
| 14 | 0.3763 | 26101677 | 11.53 | Arthropoda | scaffold\_15 |
| 15 | 0.3781 | 25373766 | 11.6552 | Arthropoda | scaffold\_16 |
| 16 | 0.3789 | 22806617 | 11.7055 | Arthropoda | scaffold\_17 |
| 17 | 0.3798 | 21026752 | 11.4783 | Arthropoda | scaffold\_18 |
| 18 | 0.3768 | 20127460 | 11.5277 | Arthropoda | scaffold\_19 |
| 19 | 0.3789 | 20006896 | 10.7754 | Arthropoda | scaffold\_20 |
| 20 | 0.3782 | 19015461 | 10.9038 | Arthropoda | scaffold\_21 |
| 21 | 0.3815 | 17242331 | 10.5992 | Arthropoda | scaffold\_22 |
| 22 | 0.3751 | 16973916 | 11.3809 | Arthropoda | scaffold\_23 |
| 23 | 0.3883 | 16969581 | 10.8686 | Arthropoda | scaffold\_24 |
| 24 | 0.3831 | 15864858 | 10.8124 | Arthropoda | scaffold\_25 |
| 25 | 0.376 | 15078940 | 11.4147 | Arthropoda | scaffold\_26 |
| 26 | 0.3819 | 14800261 | 10.5113 | Arthropoda | scaffold\_27 |
| 27 | 0.3729 | 14403896 | 11.7572 | Arthropoda | scaffold\_28 |
| 28 | 0.3768 | 13134097 | 10.9915 | Arthropoda | scaffold\_29 |
| 29 | 0.3784 | 12119685 | 11.2917 | Arthropoda | scaffold\_30 |
| 30 | 0.3827 | 11566621 | 11.4844 | Arthropoda | scaffold\_31 |
| 31 | 0.3752 | 11114657 | 11.5112 | Arthropoda | scaffold\_32 |
| 32 | 0.3803 | 9808699 | 11.5953 | Arthropoda | scaffold\_33 |
| 33 | 0.3829 | 9414945 | 11.2991 | Arthropoda | scaffold\_34 |
| 34 | 0.3791 | 8357190 | 10.1646 | Arthropoda | scaffold\_35 |
| 35 | 0.3823 | 7643053 | 11.7447 | Arthropoda | scaffold\_36 |
| 36 | 0.3808 | 5677260 | 13.6621 | Arthropoda | scaffold\_37 |
| 37 | 0.3793 | 5468810 | 11.3162 | Arthropoda | scaffold\_38 |
| 38 | 0.3791 | 5006742 | 11.6749 | Arthropoda | scaffold\_39 |
| 39 | 0.3842 | 4688235 | 11.8921 | Arthropoda | scaffold\_40 |
| 40 | 0.3793 | 4205020 | 10.7132 | Arthropoda | scaffold\_41 |
| 41 | 0.3758 | 3059670 | 11.4078 | Arthropoda | scaffold\_42 |
| 42 | 0.3827 | 2842713 | 11.3737 | Arthropoda | scaffold\_43 |
| 43 | 0.3929 | 2534672 | 11.0114 | Arthropoda | scaffold\_44 |
| 44 | 0.3678 | 2532698 | 8.096 | Arthropoda | scaffold\_45 |
| 45 | 0.3679 | 2423103 | 7.5407 | Arthropoda | scaffold\_46 |
| 46 | 0.3703 | 2403379 | 12.7882 | Arthropoda | scaffold\_47 |
| 47 | 0.3771 | 2338119 | 13.5905 | Arthropoda | scaffold\_48 |
| 48 | 0.3839 | 2074585 | 10.2316 | Arthropoda | scaffold\_49 |
| 49 | 0.3945 | 2001039 | 11.1844 | Arthropoda | scaffold\_50 |
| 50 | 0.385 | 1921975 | 10.2548 | Arthropoda | scaffold\_51 |
| 51 | 0.3793 | 1708303 | 14.8849 | Arthropoda | scaffold\_52 |
| 52 | 0.3906 | 1701444 | 13.018 | Arthropoda | scaffold\_53 |
| 53 | 0.3892 | 1503816 | 10.3556 | Arthropoda | scaffold\_54 |
| 54 | 0.39 | 1431335 | 11.4174 | Arthropoda | scaffold\_55 |
| 55 | 0.382 | 1321786 | 11.8745 | Arthropoda | scaffold\_56 |
| 56 | 0.3819 | 1216064 | 15.0867 | Arthropoda | scaffold\_57 |
| 57 | 0.3712 | 1187215 | 11.1781 | Arthropoda | scaffold\_58 |
| 58 | 0.3912 | 1171947 | 11.1889 | Arthropoda | scaffold\_59 |
| 59 | 0.3917 | 1146416 | 11.6899 | Arthropoda | scaffold\_60 |
| 60 | 0.3858 | 1092769 | 14.0311 | Arthropoda | scaffold\_61 |
| 61 | 0.4146 | 1029030 | 11.5116 | Arthropoda | scaffold\_62 |
| 62 | 0.3779 | 1016917 | 12.5856 | Arthropoda | scaffold\_63 |
| 63 | 0.3921 | 772187 | 14.9644 | Arthropoda | scaffold\_64 |
| 64 | 0.3778 | 696882 | 31.5313 | Arthropoda | scaffold\_65 |
| 65 | 0.3611 | 683090 | 11.2735 | Arthropoda | scaffold\_66 |
| 66 | 0.437 | 672428 | 10.1635 | Arthropoda | scaffold\_67 |
| 67 | 0.3744 | 625680 | 10.5065 | Arthropoda | scaffold\_68 |
| 68 | 0.3833 | 565589 | 15.6931 | Arthropoda | scaffold\_69 |
| 69 | 0.372 | 555483 | 12.586 | Arthropoda | scaffold\_70 |
| 70 | 0.3734 | 512008 | 11.596 | Arthropoda | scaffold\_71 |
| 71 | 0.4149 | 506216 | 7.6095 | Arthropoda | scaffold\_72 |
| 72 | 0.3799 | 480609 | 19.3304 | Arthropoda | scaffold\_73 |
| 73 | 0.3859 | 456860 | 9.2747 | Arthropoda | scaffold\_74 |
| 74 | 0.3704 | 441939 | 9.8597 | Arthropoda | scaffold\_75 |
| 75 | 0.4197 | 431858 | 17.0818 | Arthropoda | scaffold\_76 |
| 76 | 0.3776 | 430598 | 17.8925 | Arthropoda | scaffold\_77 |
| 77 | 0.3853 | 310854 | 7.2632 | Arthropoda | scaffold\_78 |
| 78 | 0.381 | 215871 | 22.5006 | Arthropoda | scaffold\_79 |
| 79 | 0.38 | 203426 | 21.851 | Arthropoda | scaffold\_80 |
| 80 | 0.3931 | 203214 | 10.2313 | Arthropoda | scaffold\_81 |
| 81 | 0.396 | 163790 | 30.1151 | Arthropoda | scaffold\_82 |
| 82 | 0.3945 | 158832 | 10.3223 | Arthropoda | scaffold\_83 |
| 83 | 0.3662 | 133297 | 14.355 | Arthropoda | scaffold\_84 |
| 84 | 0.3704 | 124291 | 11.6999 | Arthropoda | scaffold\_85 |
| 85 | 0.3824 | 121174 | 18.3138 | Arthropoda | scaffold\_86 |
| 86 | 0.3873 | 113166 | 7.5613 | Arthropoda | scaffold\_87 |
| 88 | 0.3619 | 79949 | 9.8826 | Arthropoda | scaffold\_89 |
| 90 | 0.3864 | 71747 | 7.6692 | Arthropoda | scaffold\_91 |
| 91 | 0.3691 | 67691 | 22.4054 | Arthropoda | scaffold\_92 |
| 92 | 0.375 | 58933 | 11.7234 | Arthropoda | scaffold\_93 |
| 94 | 0.3646 | 55406 | 5.5278 | Arthropoda | scaffold\_95 |
| 95 | 0.3812 | 53475 | 20.815 | Arthropoda | scaffold\_96 |
| 97 | 0.4345 | 49287 | 16.5134 | Arthropoda | scaffold\_98 |
| 98 | 0.3998 | 46683 | 5.4793 | Arthropoda | scaffold\_99 |
| 106 | 0.3812 | 37203 | 14.1849 | Arthropoda | scaffold\_107 |
| 109 | 0.3989 | 31514 | 16.4026 | Arthropoda | scaffold\_110 |
| 110 | 0.3559 | 31031 | 7.3724 | Arthropoda | scaffold\_111 |
| 111 | 0.2811 | 30812 | 37.8813 | Arthropoda | scaffold\_112 |
| 113 | 0.2003 | 29998 | 869.5482 | Arthropoda | scaffold\_114 |
| 115 | 0.3807 | 29220 | 10.7508 | Arthropoda | scaffold\_116 |
| 116 | 0.4053 | 29109 | 5.0673 | Arthropoda | scaffold\_117 |
| 124 | 0.3656 | 27100 | 8.6994 | Arthropoda | scaffold\_125 |
| 125 | 0.3898 | 26174 | 5.0978 | Arthropoda | scaffold\_126 |
| 127 | 0.3798 | 25527 | 7.1854 | Arthropoda | scaffold\_128 |
| 135 | 0.4053 | 23940 | 10.234 | Arthropoda | scaffold\_136 |
| 139 | 0.3839 | 21997 | 8.3041 | Arthropoda | scaffold\_140 |
| 159 | 0.2005 | 16481 | 353.5008 | Arthropoda | scaffold\_160 |
| 175 | 0.4015 | 10984 | 3.7816 | Arthropoda | scaffold\_176 |
| 130 | 0.2875 | 25214 | 0.0873 | Firmicutes | scaffold\_131 |
| 87 | 0.4156 | 103187 | 16.1404 | no-hit | scaffold\_88 |
| 89 | 0.3947 | 77027 | 35.7045 | no-hit | scaffold\_90 |
| 93 | 0.4207 | 56207 | 7.4077 | no-hit | scaffold\_94 |
| 101 | 0.4176 | 38880 | 5.0332 | no-hit | scaffold\_102 |
| 102 | 0.3726 | 38757 | 7.1147 | no-hit | scaffold\_103 |
| 104 | 0.3869 | 37980 | 14.9626 | no-hit | scaffold\_105 |
| 105 | 0.3631 | 37581 | 7.9993 | no-hit | scaffold\_106 |
| 107 | 0.374 | 32928 | 7.1561 | no-hit | scaffold\_108 |
| 114 | 0.3792 | 29983 | 4.9462 | no-hit | scaffold\_115 |
| 117 | 0.4147 | 28846 | 10.283 | no-hit | scaffold\_118 |
| 118 | 0.3929 | 28148 | 8.8167 | no-hit | scaffold\_119 |
| 119 | 0.3978 | 28098 | 2.6052 | no-hit | scaffold\_120 |
| 123 | 0.3962 | 27113 | 4.3916 | no-hit | scaffold\_124 |
| 129 | 0.4944 | 25295 | 9.985 | no-hit | scaffold\_130 |
| 132 | 0.4127 | 24492 | 5.0985 | no-hit | scaffold\_133 |
| 136 | 0.3907 | 23810 | 3.7705 | no-hit | scaffold\_137 |
| 143 | 0.3605 | 21394 | 2.6958 | no-hit | scaffold\_144 |
| 148 | 0.2894 | 18745 | 0 | no-hit | scaffold\_149 |
| 150 | 0.4044 | 18432 | 2.2135 | no-hit | scaffold\_151 |
| 152 | 0.3023 | 18103 | 0 | no-hit | scaffold\_153 |
| 154 | 0.3579 | 18076 | 2.5118 | no-hit | scaffold\_155 |
| 155 | 0.3933 | 17705 | 45.2184 | no-hit | scaffold\_156 |
| 162 | 0.2794 | 15643 | 0 | no-hit | scaffold\_163 |
| 164 | 0.3707 | 15308 | 1.4984 | no-hit | scaffold\_165 |
| 166 | 0.4052 | 14937 | 0 | no-hit | scaffold\_167 |
| 96 | 0.5382 | 49946 | 0 | Proteobacteria | scaffold\_97 |
| 99 | 0.5279 | 40870 | 0 | Proteobacteria | scaffold\_100 |
| 100 | 0.5206 | 39799 | 0 | Proteobacteria | scaffold\_101 |
| 103 | 0.5045 | 38397 | 0 | Proteobacteria | scaffold\_104 |
| 108 | 0.5034 | 32188 | 0 | Proteobacteria | scaffold\_109 |
| 112 | 0.514 | 30288 | 0 | Proteobacteria | scaffold\_113 |
| 120 | 0.514 | 27522 | 0 | Proteobacteria | scaffold\_121 |
| 121 | 0.5234 | 27506 | 0 | Proteobacteria | scaffold\_122 |
| 122 | 0.5225 | 27177 | 0 | Proteobacteria | scaffold\_123 |
| 126 | 0.5306 | 26160 | 0 | Proteobacteria | scaffold\_127 |
| 128 | 0.5115 | 25525 | 0 | Proteobacteria | scaffold\_129 |
| 131 | 0.5013 | 25193 | 0 | Proteobacteria | scaffold\_132 |
| 133 | 0.4963 | 24168 | 0 | Proteobacteria | scaffold\_134 |
| 134 | 0.5269 | 24056 | 0 | Proteobacteria | scaffold\_135 |
| 137 | 0.5344 | 23194 | 0 | Proteobacteria | scaffold\_138 |
| 138 | 0.5247 | 22120 | 0 | Proteobacteria | scaffold\_139 |
| 140 | 0.5331 | 21978 | 0 | Proteobacteria | scaffold\_141 |
| 141 | 0.5491 | 21462 | 0 | Proteobacteria | scaffold\_142 |
| 142 | 0.5023 | 21395 | 0 | Proteobacteria | scaffold\_143 |
| 144 | 0.535 | 20841 | 0 | Proteobacteria | scaffold\_145 |
| 145 | 0.534 | 20063 | 0 | Proteobacteria | scaffold\_146 |
| 146 | 0.2744 | 19790 | 0 | Proteobacteria | scaffold\_147 |
| 147 | 0.5332 | 19245 | 0 | Proteobacteria | scaffold\_148 |
| 149 | 0.4844 | 18585 | 0 | Proteobacteria | scaffold\_150 |
| 151 | 0.497 | 18217 | 0 | Proteobacteria | scaffold\_152 |
| 153 | 0.5461 | 18099 | 0 | Proteobacteria | scaffold\_154 |
| 156 | 0.5256 | 17398 | 0 | Proteobacteria | scaffold\_157 |
| 157 | 0.5181 | 17220 | 0 | Proteobacteria | scaffold\_158 |
| 158 | 0.5322 | 17017 | 0 | Proteobacteria | scaffold\_159 |
| 160 | 0.5099 | 16142 | 0 | Proteobacteria | scaffold\_161 |
| 161 | 0.5118 | 16074 | 0 | Proteobacteria | scaffold\_162 |
| 163 | 0.5187 | 15611 | 0 | Proteobacteria | scaffold\_164 |
| 165 | 0.5014 | 15013 | 0 | Proteobacteria | scaffold\_166 |
| 167 | 0.5328 | 14776 | 0 | Proteobacteria | scaffold\_168 |
| 168 | 0.5059 | 14475 | 0 | Proteobacteria | scaffold\_169 |
| 169 | 0.5045 | 14248 | 0 | Proteobacteria | scaffold\_170 |
| 170 | 0.51 | 14214 | 0 | Proteobacteria | scaffold\_171 |
| 171 | 0.5324 | 13310 | 0 | Proteobacteria | scaffold\_172 |
| 172 | 0.5301 | 13202 | 0 | Proteobacteria | scaffold\_173 |
| 173 | 0.532 | 12702 | 0 | Proteobacteria | scaffold\_174 |
| 174 | 0.5291 | 12116 | 0 | Proteobacteria | scaffold\_175 |
| 176 | 0.4726 | 10312 | 0 | Proteobacteria | scaffold\_177 |

## Summary

* Tiara places Mito (from Decon) in the unknown category.
* Many hits to Bacteria not found using Decon.
* Many Mito hits found by Decon not found using Tiara.
* All Tiara contamination detected had half depth: 0 zero depth.
* 18/28 Decon scaffolds had zero depth, 3 had half; so 21/28 were on scaffolds with 0 to half-depth coverage.
* BTK predicts mito as arthropod.

|  |  |  |  |
| --- | --- | --- | --- |
| Scaffold id | Decon pipeline | Blobtools | Tiara |
| scaffold\_114 | Mito | Arthropod | Mito |
| scaffold\_160 | Mito | Arthropod | Mito |
| scaffold\_112 | Mito | Arthropod | Unknown |
| scaffold\_100 | Plastid & Common euk contaminants | Proteobacteria | Bacteria |
| scaffold\_132 | Common euk contaminants | Proteobacteria | Bacteria |