

| MG_ID | PubMed ID | Type (V/M/E) | Sequencing method | Sample name in publication | Biome | Environment | Sub-classification | # Reads (Filtered) | Mean Length (Filtered) | # Contamination C95-I94 | % Contamination |
|-------|-----------|--------------|-------------------|----------------------------|-----------------|-------------|--------------------|--------------------|------------------------|-------------------------|-----------------|
| 1 | 16336043 | Viral | ABI3730 (Sanger) | Lib 1 | Host-associated | Human | fecal | 2311 | 215.41 | 1 | 0.04 |
| 2 | 16336043 | Viral | ABI3730 (Sanger) | Lib 2 | Host-associated | Human | fecal | 4358 | 197.07 | 64 | 1.47 |
| 3 | 16336043 | Viral | ABI3730 (Sanger) | Lib 3 | Host-associated | Human | fecal | 3122 | 198.72 | 14 | 0.45 |
| 4 | 16741115 | Microbial | ABI3730 (Sanger) | Subject 7 | Host-associated | Human | fecal | 71581 | 827.46 | 13 | 0.02 |
| 5 | 16741115 | Microbial | ABI3730 (Sanger) | Subject 8 | Host-associated | Human | fecal | 81219 | 843.85 | 10 | 0.01 |
| 6 | 17620602 | Viral | GS20 Assembled | TM7a assembly | Host-associated | Human | oral | 8543 | 328.84 | 58 | 0.68 |
| 7 | 20333224 | Microbial | ABI3730 (Sanger) | M-1m | Host-associated | Human | fecal | 1981 | 665.11 | 0 | 0.00 |
| 8 | 20333224 | Microbial | ABI3730 (Sanger) | M-11m | Host-associated | Human | fecal | 2056 | 681.17 | 0 | 0.00 |
| 9 | 20333224 | Microbial | ABI3730 (Sanger) | I-1m | Host-associated | Human | fecal | 1778 | 581.33 | 2 | 0.11 |
| 10 | 20333224 | Microbial | ABI3730 (Sanger) | I-11m | Host-associated | Human | fecal | 2092 | 679.93 | 0 | 0.00 |
| 11 | 17916580 | Microbial | ABI3730 (Sanger) | F1-S | Host-associated | Human | fecal | 28780 | 1294.96 | 0 | 0.00 |
| 12 | 17916580 | Microbial | ABI3730 (Sanger) | F1-T | Host-associated | Human | fecal | 36211 | 1180.99 | 4 | 0.01 |
| 13 | 17916580 | Microbial | ABI3730 (Sanger) | F1-U | Host-associated | Human | fecal | 16156 | 1277.71 | 0 | 0.00 |
| 14 | 17916580 | Microbial | ABI3730 (Sanger) | F2-V | Host-associated | Human | fecal | 36364 | 1257.55 | 0 | 0.00 |
| 15 | 17916580 | Microbial | ABI3730 (Sanger) | F2-W | Host-associated | Human | fecal | 29991 | 1299.66 | 0 | 0.00 |
| 16 | 17916580 | Microbial | ABI3730 (Sanger) | F2-X | Host-associated | Human | fecal | 30927 | 1200.45 | 5 | 0.02 |
| 17 | 17916580 | Microbial | ABI3730 (Sanger) | F2-Y | Host-associated | Human | fecal | 35059 | 1290.49 | 3 | 0.01 |
| 18 | 17916580 | Microbial | ABI3730 (Sanger) | In-A | Host-associated | Human | fecal | 19446 | 1340.48 | 6 | 0.03 |
| 19 | 17916580 | Microbial | ABI3730 (Sanger) | In-B | Host-associated | Human | fecal | 9731 | 1227.09 | 0 | 0.00 |
| 20 | 17916580 | Microbial | ABI3730 (Sanger) | In-D | Host-associated | Human | fecal | 36763 | 1211.51 | 2 | 0.01 |
| 21 | 17916580 | Microbial | ABI3730 (Sanger) | In-E | Host-associated | Human | fecal | 19988 | 1253.84 | 0 | 0.00 |
| 22 | 17916580 | Microbial | ABI3730 (Sanger) | In-M | Host-associated | Human | fecal | 15075 | 1461.72 | 20 | 0.13 |
| 23 | 17916580 | Microbial | ABI3730 (Sanger) | In-R | Host-associated | Human | fecal | 34693 | 1247.41 | 17 | 0.05 |
| 24 | 19043404 | Microbial | GS FLX | F1T1Le1 | Host-associated | Human | fecal | 217129 | 238.09 | 13 | 0.01 |
| 25 | 19043404 | Microbial | GS FLX | F1T2Le1 | Host-associated | Human | fecal | 440326 | 178.68 | 0 | 0.00 |
| 26 | 19043404 | Microbial | GS FLX | F1MOv1 | Host-associated | Human | fecal | 508663 | 201.72 | 5 | 0.00 |
| 27 | 19043404 | Microbial | GS FLX | F2T1Le1 | Host-associated | Human | fecal | 414067 | 229.36 | 18 | 0.00 |
| 28 | 19043404 | Microbial | GS FLX | F2T2Le1 | Host-associated | Human | fecal | 487258 | 206.13 | 77 | 0.02 |
| 29 | 19043404 | Microbial | GS FLX | F2MOb1 | Host-associated | Human | fecal | 534474 | 221.05 | 27 | 0.01 |
| 30 | 19043404 | Microbial | GS FLX | F3T1Le1 | Host-associated | Human | fecal | 555519 | 242.79 | 5 | 0.00 |
| 31 | 19043404 | Microbial | GS FLX | F3T2Le1 | Host-associated | Human | fecal | 414225 | 242.64 | 13 | 0.00 |
| 32 | 19043404 | Microbial | GS FLX | F3MOv1 | Host-associated | Human | fecal | 499318 | 249.86 | 12 | 0.00 |
| 33 | 19043404 | Microbial | GS FLX | F7T1Ob1 | Host-associated | Human | fecal | 495058 | 165.52 | 5 | 0.00 |
| 34 | 19043404 | Microbial | GS FLX | F7T2Ob1 | Host-associated | Human | fecal | 491044 | 199.31 | 13 | 0.00 |
| 35 | 19043404 | Microbial | GS FLX | F7MOb1 | Host-associated | Human | fecal | 412637 | 215.04 | 3 | 0.00 |
| 36 | 19043404 | Microbial | GS FLX Titanium | F10T1Ob1 | Host-associated | Human | fecal | 301864 | 335.89 | 2 | 0.00 |
| 37 | 19043404 | Microbial | GS FLX Titanium | F10T2Ob1 | Host-associated | Human | fecal | 501314 | 345.76 | 6 | 0.00 |
| 38 | 19043404 | Microbial | GS FLX | F10MOv1 | Host-associated | Human | fecal | 492709 | 191.31 | 8 | 0.00 |
| 39 | 19043404 | Microbial | GS FLX | F15T1Ob1 | Host-associated | Human | fecal | 512517 | 178.89 | 34 | 0.01 |
| 40 | 19043404 | Microbial | GS FLX | F15T2Ob1 | Host-associated | Human | fecal | 545842 | 204.86 | 30 | 0.01 |
| 41 | 19043404 | Microbial | GS FLX | F15MOB1 | Host-associated | Human | fecal | 430549 | 188.51 | 21 | 0.00 |
| 42 | 19156205 | Viral | GS FLX | F1 | Host-associated | Human | nasal | 24839 | 155.83 | 14950 | 60.19 |
| 43 | 19156205 | Viral | GS FLX | F2 | Host-associated | Human | nasal | 20345 | 153.62 | 12908 | 63.45 |
| 44 | 19156205 | Viral | GS FLX | F3 | Host-associated | Human | nasal | 18289 | 165.04 | 11772 | 64.37 |
| 45 | 19156205 | Viral | GS FLX | N1 | Host-associated | Human | fecal | 10495 | 166.69 | 4 | 0.04 |
| 46 | 19156205 | Viral | GS FLX | N2 | Host-associated | Human | fecal | 24357 | 175.08 | 5 | 0.02 |
| 47 | 19156205 | Viral | GS FLX | N3 | Host-associated | Human | fecal | 17884 | 170.01 | 2 | 0.01 |
| 48 | 19156205 | Viral | GS FLX | N4 | Host-associated | Human | fecal | 13441 | 170.54 | 1088 | 8.09 |
| 49 | 19156205 | Viral | GS FLX | N5 | Host-associated | Human | fecal | 22089 | 176.89 | 34 | 0.15 |
| 50 | 19816605 | Viral | GS FLX | NonCF1Asthma | Host-associated | Human | sputum | 266799 | 224.1 | 30753 | 11.53 |
| 51 | 19816605 | Viral | GS FLX | NonCF2 | Host-associated | Human | sputum | 251533 | 217.09 | 59714 | 23.74 |
| 52 | 19816605 | Viral | GS FLX | NonCF3 | Host-associated | Human | sputum | 226902 | 229.24 | 12585 | 5.55 |
| 53 | 19816605 | Viral | GS FLX | NonCF4Spouse | Host-associated | Human | sputum | 310921 | 223.83 | 74722 | 24.03 |
| 54 | 19816605 | Viral | GS FLX | NonCF5 | Host-associated | Human | sputum | 311908 | 213.49 | 30192 | 9.68 |

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|-------|-----------|--------------|-------------------|---------------------------------|-----------------|-----------------|--------------------|--------------------|------------------------|-------------------------|-----------------|
| 55 | 19816605 | Viral | GS FLX | CF1 | Host-associated | Human | sputum | 162552 | 220.82 | 16463 | 10.13 |
| 56 | 19816605 | Viral | GS FLX | CF2 | Host-associated | Human | sputum | 193398 | 222.28 | 6519 | 3.37 |
| 57 | 19816605 | Viral | GS FLX | CF3 | Host-associated | Human | sputum | 162534 | 238.19 | 23746 | 14.61 |
| 58 | 19816605 | Viral | GS FLX | CF4 | Host-associated | Human | sputum | 241965 | 202.41 | 26268 | 10.86 |
| 59 | 19816605 | Viral | GS FLX | CF5 | Host-associated | Human | sputum | 194766 | 221.47 | 16448 | 8.45 |
| 60 | 20547834 | Viral | GS FLX | Choloroformed | Host-associated | Human | oropharyngeal | 214440 | 203.95 | 5489 | 2.56 |
| 61 | 20547834 | Viral | GS FLX | Filtered | Host-associated | Human | oropharyngeal | 243844 | 218.64 | 8297 | 3.40 |
| 62 | 20368178 | Microbial | GS FLX | LF/PP 1dpc group1 | Host-associated | Mouse | fecal | 34849 | 224.23 | 0 | 0.00 |
| 63 | 20368178 | Microbial | GS FLX | LF/PP 7dpc group1 | Host-associated | Mouse | fecal | 40458 | 229.36 | 0 | 0.00 |
| 64 | 20368178 | Microbial | GS FLX | LF/PP 28dpc group1 | Host-associated | Mouse | fecal | 28795 | 223.46 | 4 | 0.01 |
| 65 | 20368178 | Microbial | GS FLX | LF/PP 29dpc group1 | Host-associated | Mouse | fecal | 34291 | 223.44 | 2 | 0.01 |
| 66 | 20368178 | Microbial | GS FLX | LF/PP 35dpc group1 | Host-associated | Mouse | fecal | 32989 | 231.09 | 0 | 0.00 |
| 67 | 20368178 | Microbial | GS FLX | LF/PP 1dpc group2 | Host-associated | Mouse | fecal | 40608 | 227.95 | 1 | 0.00 |
| 68 | 20368178 | Microbial | GS FLX | LF/PP 7dpc group2 | Host-associated | Mouse | fecal | 32859 | 228.95 | 3 | 0.01 |
| 69 | 20368178 | Microbial | GS FLX | LF/PP 28dpc group2 | Host-associated | Mouse | fecal | 52078 | 233.12 | 2 | 0.00 |
| 70 | 20368178 | Microbial | GS FLX | Western 1dpc (29dpc) group2 | Host-associated | Mouse | fecal | 33983 | 224.88 | 9 | 0.03 |
| 71 | 20368178 | Microbial | GS FLX | Western 7dpc (35dpc) group2 | Host-associated | Mouse | fecal | 34854 | 219.75 | 4 | 0.01 |
| 72 | 20368178 | Microbial | GS FLX | Donor | Host-associated | Human | fecal | 34203 | 229.52 | 2 | 0.01 |
| 73 | 20668486 | Microbial | GS FLX + ABI3730 | Assembled fosmids | Host-associated | Kangaroo | fecal | 53275 | 964.14 | 8 | 0.02 |
| 74 | 18033299 | Microbial | ABI3730 assembled | Termite gut | Host-associated | Termite | content | 54992 | 998 | 0 | 0.00 |
| 75 | 15845853 | Microbial | ABI3730 (Sanger) | Whale fall 1 | Aquatic | Marine | Whale fall | 38404 | 1013.92 | 0 | 0.00 |
| 76 | 15845853 | Microbial | ABI3730 (Sanger) | Whale fall 2 | Aquatic | Marine | Whale fall | 38215 | 987.94 | 0 | 0.00 |
| 77 | 15845853 | Microbial | ABI3730 (Sanger) | Whale fall 3 | Aquatic | Marine | Whale fall | 40411 | 1013.17 | 0 | 0.00 |
| 78 | 15845853 | Microbial | ABI3730 (Sanger) | Soil | Terrestrial | Soil | Farm soil | 138953 | 1037.93 | 0 | 0.00 |
| 79 | 0 | Microbial | ABI3730 (Sanger) | PB sand DNA | Terrestrial | Soil | Beach sand | 4981 | 678.58 | 5 | 0.10 |
| 80 | 19788654 | Microbial | GS FLX | HOT186_25m | Aquatic | Marine | seawater | 607109 | 218.36 | 116 | 0.02 |
| 81 | 19788654 | Microbial | GS FLX | HOT186_75m | Aquatic | Marine | seawater | 660453 | 206.06 | 98 | 0.01 |
| 82 | 19788654 | Microbial | GS FLX | HOT186_110m | Aquatic | Marine | seawater | 463788 | 232.34 | 390 | 0.08 |
| 83 | 19788654 | Microbial | GS FLX | HOT186_500m | Aquatic | Marine | seawater | 982172 | 231.21 | 119 | 0.01 |
| 84 | 17921274 | Viral | ABI3730 (Sanger) | Chesapeake Bay metagenome | Aquatic | Marine | Virioplankton | 5641 | 694.92 | 1 | 0.02 |
| 85 | 18987310 | Microbial | ABI3730 (Sanger) | EM | Aquatic | Marine | worm (epibiont) | 128909 | 1143.03 | 2 | 0.00 |
| 86 | 16980956 | Microbial | ABI3730 (Sanger) | Symbiont metagenome | Host-associated | Gutless worm | marine worm | 303633 | 985.61 | 1 | 0.00 |
| 87 | 17878949 | Microbial | ABI3730 (Sanger) | Km3 | Aquatic | Marine | deep-sea plankton | 9046 | 796.1 | 1 | 0.01 |
| 88 | 18441115 | Viral | ABI3730 (Sanger) | Bear Paw | Terrestrial | Hot spring | freshwater | 7771 | 985.11 | 2 | 0.03 |
| 89 | 18441115 | Viral | ABI3730 (Sanger) | Octopus | Terrestrial | Hot spring | freshwater | 21356 | 1004.33 | 0 | 0.00 |
| 90 | 18059494 | Microbial | ABI3730 (Sanger) | Octopus spring | Terrestrial | Hot spring | microbial mat | 20390 | 979.56 | 0 | 0.00 |
| 91 | 18059494 | Microbial | ABI3730 (Sanger) | Mushroom spring | Terrestrial | Hot spring | microbial mat | 9585 | 998.29 | 0 | 0.00 |
| 92 | 18725995 | Microbial | GS FLX | Mid-Bloom DNA-High CO2 | Aquatic | Marine | coastal | 203825 | 227.1 | 8 | 0.00 |
| 93 | 18725995 | Microbial | GS FLX | Mid-Bloom DNA-Present Day | Aquatic | Marine | coastal | 130243 | 231.22 | 12 | 0.01 |
| 94 | 18725995 | Microbial | GS FLX | Post-Bloom DNA-High CO2 | Aquatic | Marine | coastal | 324001 | 174.13 | 4 | 0.00 |
| 95 | 18725995 | Microbial | GS FLX | Post-Bloom DNA-Present Day | Aquatic | Marine | coastal | 294732 | 225.11 | 11 | 0.00 |
| 96 | 19114525 | Microbial | GS FLX | Wastewater metagenome | Aquatic | Wastewater | sludge basin | 353497 | 250.97 | 8 | 0.00 |
| 97 | 19801459 | Microbial | GS FLX | pyrosequencing-derived data set | Terrestrial | Glacier Ice | freshwater | 1051604 | 223.54 | 339 | 0.03 |
| 98 | 19892985 | Viral | GS FLX | Spring | Terrestrial | Antarctic lake | freshwater | 42206 | 237.82 | 0 | 0.00 |
| 99 | 19892985 | Viral | GS FLX | Summer | Terrestrial | Antarctic lake | freshwater | 39803 | 220.6 | 5 | 0.01 |
| 100 | 19555373 | Viral | GS FLX | Effluent DNA | Terrestrial | Reclaimed water | freshwater | 255441 | 245.44 | 0 | 0.00 |
| 101 | 19555373 | Viral | GS FLX | Effluent RNA | Terrestrial | Reclaimed water | freshwater | 202145 | 222.15 | 151 | 0.07 |
| 102 | 19555373 | Viral | GS FLX | Nursery DNA | Terrestrial | Reclaimed water | freshwater | 275271 | 243.47 | 1 | 0.00 |
| 103 | 19555373 | Viral | GS FLX | Nursery RNA | Terrestrial | Reclaimed water | freshwater | 244797 | 232.67 | 63 | 0.03 |
| 104 | 19555373 | Viral | GS FLX | Potable DNA | Terrestrial | Potable water | freshwater | 194282 | 222.91 | 7247 | 3.73 |
| 107 | 20182523 | Microbial | ABI3730 (Sanger) | FW106 | Terrestrial | Groundwater | freshwater | 5996 | 896.74 | 0 | 0.00 |
| 108 | 17355176 | Microbial | ABI3730 (Sanger) | GS00a | Aquatic | Marine | Open ocean | 642739 | 1018.7 | 40 | 0.01 |
| 109 | 17355176 | Microbial | ABI3730 (Sanger) | GS00b | Aquatic | Marine | Open ocean | 317180 | 1012.13 | 208 | 0.07 |
| 110 | 17355176 | Microbial | ABI3730 (Sanger) | GS00c | Aquatic | Marine | Open ocean | 368835 | 1007.74 | 127 | 0.03 |

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|-------|-----------|--------------|-------------------|----------------------------|-----------------|-------------|--------------------|--------------------|------------------------|-------------------------|-----------------|
| 111 | 17355176 | Microbial | ABI3730 (Sanger) | GS00d | Aquatic | Marine | Open ocean | 332240 | 1011.14 | 137 | 0.04 |
| 112 | 17355176 | Microbial | ABI3730 (Sanger) | GS01a | Aquatic | Marine | Open ocean | 139964 | 1005.09 | 99 | 0.07 |
| 113 | 17355176 | Microbial | ABI3730 (Sanger) | GS01b | Aquatic | Marine | Open ocean | 89952 | 987.18 | 4 | 0.00 |
| 114 | 17355176 | Microbial | ABI3730 (Sanger) | GS01c | Aquatic | Marine | Open ocean | 92351 | 1003.66 | 35 | 0.04 |
| 115 | 17355176 | Microbial | ABI3730 (Sanger) | GS02 | Aquatic | Marine | Coastal | 121590 | 1058.98 | 4 | 0.00 |
| 116 | 17355176 | Microbial | ABI3730 (Sanger) | GS03 | Aquatic | Marine | Coastal | 61605 | 1086.07 | 2 | 0.00 |
| 117 | 17355176 | Microbial | ABI3730 (Sanger) | GS04 | Aquatic | Marine | Coastal | 52959 | 1074.83 | 0 | 0.00 |
| 118 | 17355176 | Microbial | ABI3730 (Sanger) | GS05 | Aquatic | Marine | Embayment | 61131 | 1079.37 | 0 | 0.00 |
| 119 | 17355176 | Microbial | ABI3730 (Sanger) | GS06 | Aquatic | Marine | Estuary | 59679 | 1082.72 | 2 | 0.00 |
| 120 | 17355176 | Microbial | ABI3730 (Sanger) | GS07 | Aquatic | Marine | Coastal | 50980 | 1087.31 | 2 | 0.00 |
| 121 | 17355176 | Microbial | ABI3730 (Sanger) | GS08 | Aquatic | Marine | Coastal | 129655 | 1062.25 | 1120 | 0.86 |
| 122 | 17355176 | Microbial | ABI3730 (Sanger) | GS09 | Aquatic | Marine | Coastal | 79303 | 1063.36 | 1078 | 1.36 |
| 123 | 17355176 | Microbial | ABI3730 (Sanger) | GS10 | Aquatic | Marine | Coastal | 78304 | 1052.62 | 8 | 0.01 |
| 124 | 17355176 | Microbial | ABI3730 (Sanger) | GS11 | Aquatic | Marine | Estuary | 124435 | 1070.85 | 20 | 0.02 |
| 125 | 17355176 | Microbial | ABI3730 (Sanger) | GS12 | Aquatic | Marine | Estuary | 126162 | 1078.62 | 26 | 0.02 |
| 126 | 17355176 | Microbial | ABI3730 (Sanger) | GS13 | Aquatic | Marine | Coastal | 138033 | 1079.51 | 2 | 0.00 |
| 127 | 17355176 | Microbial | ABI3730 (Sanger) | GS14 | Aquatic | Marine | Coastal | 128885 | 1085.58 | 34 | 0.03 |
| 128 | 17355176 | Microbial | ABI3730 (Sanger) | GS15 | Aquatic | Marine | Coastal | 127362 | 1083.79 | 61 | 0.05 |
| 129 | 17355176 | Microbial | ABI3730 (Sanger) | GS16 | Aquatic | Marine | Coastal | 127122 | 1081.48 | 8 | 0.01 |
| 130 | 17355176 | Microbial | ABI3730 (Sanger) | GS17 | Aquatic | Marine | Open ocean | 257581 | 1091.93 | 18 | 0.01 |
| 131 | 17355176 | Microbial | ABI3730 (Sanger) | GS18 | Aquatic | Marine | Open ocean | 142743 | 1096.2 | 275 | 0.19 |
| 132 | 17355176 | Microbial | ABI3730 (Sanger) | GS19 | Aquatic | Marine | Coastal | 135325 | 1081.94 | 12 | 0.01 |
| 133 | 17355176 | Microbial | ABI3730 (Sanger) | GS20 | Aquatic | Marine | freshwater | 296355 | 1063.42 | 58 | 0.02 |
| 134 | 17355176 | Microbial | ABI3730 (Sanger) | GS21 | Aquatic | Marine | Coastal | 131798 | 1088.44 | 33 | 0.03 |
| 135 | 17355176 | Microbial | ABI3730 (Sanger) | GS22 | Aquatic | Marine | Open ocean | 121662 | 1077.41 | 15 | 0.01 |
| 136 | 17355176 | Microbial | ABI3730 (Sanger) | GS23 | Aquatic | Marine | Open ocean | 133051 | 1079.49 | 1 | 0.00 |
| 137 | 17355176 | Microbial | ABI3730 (Sanger) | GS25 | Aquatic | Marine | Reef | 120671 | 1075.5 | 5 | 0.00 |
| 138 | 17355176 | Microbial | ABI3730 (Sanger) | GS26 | Aquatic | Marine | Open ocean | 102708 | 1061.74 | 29 | 0.03 |
| 139 | 17355176 | Microbial | ABI3730 (Sanger) | GS27 | Aquatic | Marine | Coastal | 222080 | 1068.65 | 10 | 0.00 |
| 140 | 17355176 | Microbial | ABI3730 (Sanger) | GS28 | Aquatic | Marine | Coastal | 189052 | 1084.4 | 1 | 0.00 |
| 141 | 17355176 | Microbial | ABI3730 (Sanger) | GS29 | Aquatic | Marine | Coastal | 131529 | 1093.47 | 82 | 0.06 |
| 142 | 17355176 | Microbial | ABI3730 (Sanger) | GS30 | Aquatic | Marine | Warm seep | 358972 | 1088.28 | 10 | 0.00 |
| 143 | 17355176 | Microbial | ABI3730 (Sanger) | GS31 | Aquatic | Marine | Coastal | 436401 | 1057.91 | 106 | 0.02 |
| 144 | 17355176 | Microbial | ABI3730 (Sanger) | GS32 | Aquatic | Marine | Mangrove | 147797 | 1031.74 | 21 | 0.01 |
| 145 | 17355176 | Microbial | ABI3730 (Sanger) | GS33 | Aquatic | Marine | Hypersaline | 692255 | 1054.1 | 25 | 0.00 |
| 146 | 17355176 | Microbial | ABI3730 (Sanger) | GS34 | Aquatic | Marine | Coastal | 134347 | 1058.45 | 2 | 0.00 |
| 147 | 17355176 | Microbial | ABI3730 (Sanger) | GS35 | Aquatic | Marine | Coastal | 140814 | 1078.3 | 2 | 0.00 |
| 148 | 17355176 | Microbial | ABI3730 (Sanger) | GS36 | Aquatic | Marine | Coastal | 77538 | 1106.01 | 0 | 0.00 |
| 149 | 17355176 | Microbial | ABI3730 (Sanger) | GS37 | Aquatic | Marine | Open ocean | 65670 | 1045.4 | 13 | 0.02 |
| 150 | 17355176 | Microbial | ABI3730 (Sanger) | GS47 | Aquatic | Marine | Open ocean | 66023 | 1035.1 | 1 | 0.00 |
| 151 | 17355176 | Microbial | ABI3730 (Sanger) | GS51 | Aquatic | Marine | Reef | 128982 | 1089.28 | 2 | 0.00 |
| 152 | 20573248 | Viral | GS FLX Titanium | LIB019 | Host-associated | Mosquito | mosquitoes | 35093 | 210.59 | 474 | 1.35 |
| 153 | 20573248 | Viral | GS FLX Titanium | LIB020 | Host-associated | Mouse | brain tissue | 13899 | 166.71 | 4070 | 29.28 |
| 154 | 20573248 | Viral | GS FLX Titanium | LIB021 | Host-associated | Mouse | brain tissue | 41189 | 165.29 | 10084 | 24.48 |
| 155 | 20631792 | Viral | GS FLX | F1T1.1 | Host-associated | Human | fecal | 22910 | 237.48 | 0 | 0.00 |
| 156 | 20631792 | Viral | GS FLX | F1T1.3 | Host-associated | Human | fecal | 43335 | 239.61 | 0 | 0.00 |
| 157 | 20631792 | Viral | GS FLX | F1T2.1 | Host-associated | Human | fecal | 42657 | 240.2 | 0 | 0.00 |
| 158 | 20631792 | Viral | GS FLX | F1T2.1(R) | Host-associated | Human | fecal | 29917 | 244.69 | 0 | 0.00 |
| 159 | 20631792 | Viral | GS FLX | F1T2.2 | Host-associated | Human | fecal | 30711 | 235.49 | 0 | 0.00 |
| 160 | 20631792 | Viral | GS FLX | F1T2.3 | Host-associated | Human | fecal | 27769 | 238.53 | 1 | 0.00 |
| 161 | 20631792 | Viral | GS FLX | F1M.1 | Host-associated | Human | fecal | 48283 | 244.48 | 0 | 0.00 |
| 162 | 20631792 | Viral | GS FLX | F1M.2 | Host-associated | Human | fecal | 24288 | 246.21 | 1 | 0.00 |
| 163 | 20631792 | Viral | GS FLX | F2T1.1 | Host-associated | Human | fecal | 70413 | 243.26 | 0 | 0.00 |
| 164 | 20631792 | Viral | GS FLX | F2T1.1(R) | Host-associated | Human | fecal | 19340 | 244.08 | 1 | 0.01 |

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|-------|-----------|--------------|-------------------|----------------------------|-----------------|-------------|--------------------|--------------------|------------------------|-------------------------|-----------------|
| 165 | 20631792 | Viral | GS FLX | F2T1.2 | Host-associated | Human | fecal | 40014 | 244.61 | 0 | 0.00 |
| 166 | 20631792 | Viral | GS FLX | F2T1.3 | Host-associated | Human | fecal | 26397 | 247.12 | 0 | 0.00 |
| 167 | 20631792 | Viral | GS FLX | F2T2.1 | Host-associated | Human | fecal | 40342 | 238.43 | 0 | 0.00 |
| 168 | 20631792 | Viral | GS FLX | F2T2.1(R) | Host-associated | Human | fecal | 41414 | 241.5 | 0 | 0.00 |
| 169 | 20631792 | Viral | GS FLX | F2T2.2 | Host-associated | Human | fecal | 35959 | 243.62 | 0 | 0.00 |
| 170 | 20631792 | Viral | GS FLX | F2M.1 | Host-associated | Human | fecal | 57719 | 244.04 | 4 | 0.01 |
| 171 | 20631792 | Viral | GS FLX | F2M.1(R) | Host-associated | Human | fecal | 33724 | 244.67 | 5 | 0.01 |
| 172 | 20631792 | Viral | GS FLX | F2M.2 | Host-associated | Human | fecal | 27393 | 240.91 | 0 | 0.00 |
| 173 | 20631792 | Viral | GS FLX | F2M.3 | Host-associated | Human | fecal | 35282 | 242.34 | 0 | 0.00 |
| 174 | 20631792 | Viral | GS FLX | F3T1.1 | Host-associated | Human | fecal | 18371 | 242.74 | 0 | 0.00 |
| 175 | 20631792 | Viral | GS FLX | F3T1.2 | Host-associated | Human | fecal | 19642 | 242.29 | 0 | 0.00 |
| 176 | 20631792 | Viral | GS FLX | F3T1.3 | Host-associated | Human | fecal | 30120 | 242 | 1 | 0.00 |
| 177 | 20631792 | Viral | GS FLX | F3T2.1 | Host-associated | Human | fecal | 53001 | 236.57 | 0 | 0.00 |
| 178 | 20631792 | Viral | GS FLX | F3T2.2 | Host-associated | Human | fecal | 33499 | 242.3 | 0 | 0.00 |
| 179 | 20631792 | Viral | GS FLX | F3T2.3 | Host-associated | Human | fecal | 28680 | 240.99 | 0 | 0.00 |
| 180 | 20631792 | Viral | GS FLX | F3M.1 | Host-associated | Human | fecal | 24835 | 240.89 | 1 | 0.00 |
| 181 | 20631792 | Viral | GS FLX | F3M.2 | Host-associated | Human | fecal | 37385 | 242.22 | 0 | 0.00 |
| 182 | 20631792 | Viral | GS FLX | F4T1.1 | Host-associated | Human | fecal | 24319 | 243.19 | 0 | 0.00 |
| 183 | 20631792 | Viral | GS FLX | F4T1.2 | Host-associated | Human | fecal | 20410 | 239.47 | 1 | 0.00 |
| 184 | 20631792 | Viral | GS FLX | F4T1.3 | Host-associated | Human | fecal | 14362 | 238 | 0 | 0.00 |
| 185 | 20631792 | Viral | GS FLX | F4T2.1 | Host-associated | Human | fecal | 27695 | 243.16 | 0 | 0.00 |
| 186 | 20631792 | Viral | GS FLX | F4T2.3 | Host-associated | Human | fecal | 29647 | 238.47 | 0 | 0.00 |
| 187 | 20631792 | Viral | GS FLX | F4M.1 | Host-associated | Human | fecal | 24715 | 238.65 | 0 | 0.00 |
| 188 | 20631792 | Viral | GS FLX | F4M.2 | Host-associated | Human | fecal | 23461 | 239.42 | 0 | 0.00 |
| 189 | 20631792 | Viral | GS FLX | F4M.3 | Host-associated | Human | fecal | 29888 | 244.97 | 0 | 0.00 |
| 190 | 20631792 | Viral | GS FLX | F4M.3(R) | Host-associated | Human | fecal | 15926 | 245.43 | 0 | 0.00 |
| 191 | 20631792 | Viral | GS FLX | F5T2.1 | Host-associated | Human | fecal | 47959 | 242.78 | 1 | 0.00 |
| 192 | 20631792 | Viral | GS FLX | F5T2.1(R) | Host-associated | Human | fecal | 72279 | 240.97 | 1 | 0.00 |
| 193 | 20668239 | Microbial | GS FLX | Meconium | Host-associated | Human | fecal | 44832 | 266.12 | 11 | 0.02 |
| 194 | 20668239 | Microbial | GS FLX | 6 | Host-associated | Human | fecal | 4657 | 288.71 | 0 | 0.00 |
| 195 | 20668239 | Microbial | GS FLX | 85 | Host-associated | Human | fecal | 1897 | 238.51 | 10 | 0.53 |
| 196 | 20668239 | Microbial | GS FLX | 92 | Host-associated | Human | fecal | 3392 | 232.73 | 85 | 2.51 |
| 197 | 20668239 | Microbial | GS FLX | 98 | Host-associated | Human | fecal | 10265 | 244.98 | 10 | 0.10 |
| 198 | 20668239 | Microbial | GS FLX | 100 | Host-associated | Human | fecal | 5922 | 235.97 | 34 | 0.57 |
| 199 | 20668239 | Microbial | GS FLX | 118 | Host-associated | Human | fecal | 6081 | 249.81 | 0 | 0.00 |
| 200 | 20668239 | Microbial | GS FLX | 371 | Host-associated | Human | fecal | 174758 | 252.41 | 17 | 0.01 |
| 201 | 20668239 | Microbial | GS FLX | 413 | Host-associated | Human | fecal | 50711 | 256.75 | 1 | 0.00 |
| 202 | 20668239 | Microbial | GS FLX | 432 | Host-associated | Human | fecal | 148539 | 248.25 | 68 | 0.05 |
| 203 | 20668239 | Microbial | GS FLX | 441 | Host-associated | Human | fecal | 62021 | 259.76 | 6 | 0.01 |
| 204 | 20668239 | Microbial | GS FLX | 454 | Host-associated | Human | fecal | 19894 | 248.28 | 1 | 0.01 |