Table S4. Test set based on genus-level taxonomic bioindicators of *categorized* instances (i.e. operational parameters) obtained from a DWDS simulator and full-scale DWDS studies. Values represent abundance of each taxon as a ratio of all sequences obtained for each individual sample. Legend: ND = not detected; missing value = ?. †Sequence data was reanalyzed using RDP v16 database.

| Sample (reference) | Operational | Taxonomy groups (bioindicators) | | | | | | | | |
|----------------------|------------------|---------------------------------|---------|---------|---------|---------|---------|---------|---------|--|
| | scheme | Taxa A1 | Taxa A2 | Taxa A3 | Taxa A4 | Taxa A5 | Taxa B1 | Taxa B2 | Taxa B3 | |
| Western Australia (S | Shaw et al., 201 | 5) | | | | | | | | |
| SA PT 1.5 | Stable | ND | ? | ND | ? | ND | ? | ? | ND | |
| SA-1 CT | Failure | 0.0121 | ? | ND | ? | 0.0001 | ? | ? | 0.0020 | |
| SA-2 | Stable | 0.0003 | ? | ND | ? | ND | ? | ? | ND | |
| SA-2 CT | Failure | 0.0284 | ? | ND | ? | ND | ? | ? | ND | |
| SA-3 | Stable | 0.0002 | ? | ND | ? | ND | ? | ? | ND | |
| SA-4 | Stable | ND | ? | ND | ? | ND | ? | ? | ND | |
| SA-5 CT | Stable | ND | ? | ND | ? | ND | ? | ? | 0.0001 | |
| WA-1A | Stable | ND | ? | ND | ? | ND | ? | ? | ND | |
| WA-1B | Stable | 0.0008 | ? | ND | ? | ND | ? | ? | ND | |
| WA-2 | Stable | 0.0002 | ? | ND | ? | ND | ? | ? | ND | |
| WA-3A | Stable | 0.0001 | ? | 0.0001 | ? | ND | ? | ? | ND | |
| WA-3B | Stable | ND | ? | ND | ? | ND | ? | ? | 0.0003 | |
| WA-4 CT | Failure | 0.0063 | ? | ND | ? | ND | ? | ? | 0.0064 | |

DWDS simulator (this study)

| A12_09_19_1 | Stable | 0.0023 | 0.0005 | ND | 0.0013 | 0.0013 | 0.0120 | 0.1005 | 0.2293 |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| A12_10_01_1 | Stable | 0.0010 | 0.0013 | ND | 0.0008 | 0.0028 | 0.0133 | 0.1293 | 0.3830 |
| A12_10_15_1 | Stable | ND | 0.0013 | ND | 0.0008 | 0.0045 | 0.0158 | 0.1410 | 0.4383 |
| A12_10_23_1 | Stable | 0.0003 | 0.0005 | ND | 0.0005 | 0.0063 | 0.0230 | 0.1005 | 0.6170 |
| A12_11_15_1 | Stable | ND | ND | 0.0008 | 0.0038 | 0.0075 | 0.0283 | 0.1433 | 0.3705 |
| B12_09_19_1 | Stable | 0.0003 | 0.0013 | ND | 0.0025 | 0.0065 | 0.0120 | 0.1048 | 0.2750 |
| B12_10_01_1 | Stable | 0.0013 | 0.0013 | ND | 0.0005 | 0.0108 | 0.0140 | 0.1013 | 0.4135 |
| B12_10_15_1 | Stable | ND | 0.0023 | ND | 0.0010 | 0.0043 | 0.0125 | 0.1210 | 0.3900 |
| B12_10_23_1 | Stable | 0.0003 | ND | ND | 0.0010 | 0.0038 | 0.0045 | 0.0503 | 0.7813 |
| B12_11_08_1 | Stable | ND | ND | 0.0273 | 0.0133 | ND | 0.0018 | ND | 0.1620 |
| B12_11_15_1 | Stable | 0.0003 | ND | 0.0033 | 0.0078 | 0.0125 | 0.0298 | 0.0813 | 0.2498 |

Pinellas County, FL[†] (Wang et al., 2014)

| S1_PBR_001 | Failure | 0.0278 | 0.0037 | ND | 0.0065 | ND | ND | ND | 0.0004 |
|------------|---------|--------|--------|----|--------|--------|--------|--------|--------|
| S1_PBR_002 | Failure | 0.0005 | 0.0015 | ND | 0.0006 | ND | 0.0003 | ND | 0.0005 |
| S1_PBR_003 | Failure | 0.0846 | 0.0025 | ND | 0.0034 | 0.0033 | 0.0132 | 0.0013 | 0.0036 |
| S1_PBR_004 | Failure | 0.0038 | 0.0828 | ND | 0.0009 | 0.0010 | 0.0006 | 0.0008 | 0.1962 |
| S1_PBR_005 | Failure | 0.0004 | 0.0098 | ND | 0.0148 | ND | 0.0006 | 0.0225 | 0.0214 |
| S1_PBR_006 | Failure | 0.0235 | 0.2109 | ND | 0.0254 | 0.0207 | 0.0030 | 0.0002 | 0.1409 |
| S1_PBR_007 | Failure | 0.0123 | 0.0295 | ND | 0.0104 | 0.0025 | 0.0062 | 0.0018 | 0.0405 |
| S1_PBR_008 | Failure | 0.0005 | 0.0967 | ND | 0.0001 | 0.0015 | ND | ND | 0.2239 |
| S1_PBR_009 | Failure | ND | 0.0227 | ND | 0.0029 | 0.0215 | ND | ND | 0.0036 |
| S1_PBR_010 | Failure | 0.0003 | 0.1814 | ND | 0.0039 | 0.0101 | 0.0002 | 0.0001 | 0.0595 |
| S1_PBR_011 | Failure | 0.0001 | 0.0807 | ND | 0.0005 | 0.0003 | 0.0006 | ND | 0.0061 |
| S1_PBR_012 | Failure | 0.0312 | 0.0038 | ND | 0.0094 | 0.0019 | 0.0035 | 0.0003 | 0.0015 |
| S1_PBR_013 | Failure | 0.0022 | 0.2114 | ND | 0.0017 | 0.0061 | 0.0010 | 0.0003 | 0.0808 |
| S1_PBR_014 | Failure | 0.0035 | 0.1072 | ND | 0.0597 | 0.0334 | 0.0013 | 0.0003 | 0.0613 |
| S1_PBR_015 | Failure | 0.3359 | 0.0079 | ND | 0.0500 | 0.0024 | 0.0040 | 0.0505 | 0.0031 |
| S1_PBR_016 | Failure | 0.0067 | 0.0321 | ND | 0.0009 | 0.0020 | 0.0007 | 0.0010 | 0.0024 |
| S1_PBR_017 | Failure | 0.0042 | 0.0342 | ND | 0.1165 | 0.0076 | 0.0060 | 0.0012 | 0.0018 |
| S1_PBR_018 | Failure | 0.0005 | 0.0364 | ND | ND | ND | ND | 0.0001 | 0.0089 |
| S1_PBR_019 | Failure | 0.0042 | 0.2137 | ND | 0.0013 | 0.0105 | 0.0003 | ND | 0.0738 |
| S1_PBR_020 | Failure | 0.0001 | 0.1213 | ND | 0.0002 | 0.0060 | 0.0001 | 0.0002 | 0.0438 |
| S1_PBR_021 | Failure | 0.0004 | 0.0633 | ND | 0.0012 | 0.0072 | 0.0005 | 0.0007 | 0.0039 |
| S1_PBR_022 | Failure | 0.0025 | 0.0490 | ND | 0.0083 | 0.0018 | 0.0004 | 0.0025 | 0.0214 |
| S1_PBR_023 | Failure | 0.0014 | 0.0071 | ND | 0.0170 | 0.0003 | 0.0036 | 0.0062 | 0.0525 |
| S1_PBR_024 | Failure | 0.0052 | 0.0575 | ND | 0.0020 | 0.0028 | 0.0020 | 0.0005 | 0.0094 |
| S1_PBR_025 | Failure | 0.0007 | 0.0315 | ND | 0.0061 | 0.0004 | 0.0015 | 0.0045 | 0.0053 |
| S1_PBR_026 | Failure | 0.0006 | ND | ND | 0.0021 | 0.0001 | 0.0003 | 0.0058 | ND |
| S1_PBR_027 | Failure | 0.0012 | 0.0239 | ND | 0.0016 | 0.0049 | 0.0006 | 0.0001 | 0.0063 |
| S1_PBR_028 | Failure | 0.0004 | 0.0207 | ND | 0.0075 | 0.0045 | 0.0002 | 0.0009 | 0.0096 |
| S1_PBR_029 | Failure | 0.0004 | 0.0398 | ND | 0.0011 | 0.0038 | 0.0027 | 0.0015 | 0.0087 |
| S1_PBR_030 | Failure | 0.0014 | 0.1136 | ND | 0.0047 | 0.0164 | 0.0007 | 0.0003 | 0.0056 |
| S1_PBR_031 | Failure | 0.0111 | 0.0103 | ND | 0.0342 | 0.0113 | 0.1092 | ND | 0.0003 |
| S1_PBR_032 | Failure | 0.0005 | 0.0933 | ND | 0.0006 | 0.0093 | 0.0005 | 0.0002 | 0.0077 |

| S1_PBR_033 | Failure | 0.0049 | 0.0004 | ND | 0.0135 | 0.0005 | 0.0028 | 0.0122 | ND |
|------------|---------|--------|--------|----|--------|--------|--------|--------|--------|
| S1_PBR_034 | Failure | 0.0008 | 0.0595 | ND | 0.0005 | 0.0023 | 0.0003 | 0.0007 | 0.0020 |
| S1_PBR_035 | Failure | 0.0002 | 0.0265 | ND | 0.0001 | 0.0009 | 0.0014 | 0.0013 | 0.0033 |
| S1_PBR_036 | Failure | 0.0117 | 0.0984 | ND | 0.0034 | 0.0034 | 0.0005 | 0.0004 | 0.0033 |
| S1_PBR_037 | Failure | 0.0016 | 0.0925 | ND | 0.0007 | 0.0024 | 0.0007 | 0.0004 | 0.0035 |
| S1_PBR_038 | Failure | 0.0004 | 0.7538 | ND | 0.0076 | 0.0010 | 0.0002 | 0.0003 | 0.0008 |
| S1_PBR_039 | Failure | 0.0018 | 0.0025 | ND | 0.0040 | 0.0007 | 0.0003 | 0.0013 | 0.0003 |
| S1_PBR_040 | Failure | 0.0006 | 0.0957 | ND | 0.0012 | 0.0061 | 0.0002 | 0.0005 | 0.0025 |
| S1_PBR_041 | Failure | 0.0002 | 0.2640 | ND | 0.0035 | 0.0163 | 0.0007 | 0.0062 | 0.0014 |
| S1_PBR_042 | Failure | 0.0001 | 0.0084 | ND | 0.0053 | 0.0009 | 0.0088 | 0.0155 | 0.0003 |
| S1_PBR_044 | Failure | 0.0004 | 0.1019 | ND | 0.0003 | 0.0036 | 0.0002 | 0.0001 | 0.0045 |
| S1_PBR_045 | Failure | 0.0005 | 0.0746 | ND | 0.0004 | 0.0050 | 0.0007 | 0.0012 | 0.0045 |
| S1_PBR_046 | Failure | 0.0002 | 0.0715 | ND | 0.0003 | 0.0046 | ND | 0.0001 | 0.0030 |
| S3_IBR_093 | Stable | ND | 0.0001 | ND | 0.0094 | ND | ND | 0.0021 | 0.0005 |
| S3_IBR_094 | Stable | 0.0001 | ND | ND | 0.0003 | ND | ND | ND | ND |
| S3_IBR_095 | Stable | 0.0002 | 0.0003 | ND | 0.0003 | 0.0018 | 0.0040 | 0.0005 | 0.1892 |
| S3_IBR_096 | Stable | 0.0001 | 0.0003 | ND | 0.0006 | ND | 0.0004 | 0.0005 | 0.0006 |
| S3_IBR_097 | Stable | 0.0008 | 0.0006 | ND | 0.0024 | 0.0001 | 0.0005 | 0.0023 | 0.0061 |
| S3_IBR_098 | Stable | 0.0005 | 0.0007 | ND | 0.0025 | 0.0015 | 0.0026 | 0.0014 | 0.0482 |
| S3_IBR_099 | Stable | 0.0008 | 0.0008 | ND | 0.0038 | 0.0014 | 0.0066 | 0.0027 | 0.0010 |
| S3_IBR_100 | Stable | 0.0005 | 0.0003 | ND | 0.0014 | ND | 0.0009 | 0.0008 | 0.0005 |
| S3_IBR_101 | Stable | 0.0001 | 0.0002 | ND | 0.0004 | 0.0006 | 0.0072 | 0.0028 | 0.0021 |
| S3_IBR_102 | Stable | ND | 0.0001 | ND | 0.0009 | 0.0001 | 0.0040 | 0.0073 | 0.0021 |
| S3_IBR_103 | Stable | 0.0008 | 0.0004 | ND | 0.0123 | ND | 0.0073 | 0.0120 | 0.0143 |
| S3_IBR_104 | Stable | 0.0182 | 0.1045 | ND | 0.0247 | 0.0013 | 0.0061 | ND | 0.0004 |
| S3_IBR_105 | Stable | 0.0019 | 0.0023 | ND | 0.0011 | 0.0057 | 0.0042 | ND | 0.0105 |
| S3_IBR_106 | Stable | 0.0002 | 0.0006 | ND | 0.0009 | 0.0033 | 0.0043 | 0.0015 | 0.0040 |
| S3_IBR_107 | Stable | 0.0008 | 0.0011 | ND | 0.0048 | ND | 0.0039 | 0.0445 | 0.1045 |
| S3_IBR_108 | Stable | 0.0025 | 0.0045 | ND | 0.0097 | 0.0006 | 0.0010 | 0.0048 | 0.0531 |
| S3_IBR_109 | Stable | 0.0053 | 0.0023 | ND | 0.0075 | 0.0016 | 0.0346 | 0.0002 | 0.0026 |
| S3_IBR_110 | Stable | ND | ND | ND | 0.0001 | 0.0006 | ND | ND | 0.0124 |
| S3_IBR_111 | Stable | 0.0006 | ND | ND | ND | 0.0001 | 0.0004 | ND | 0.0775 |
| S3_IBR_112 | Stable | 0.0001 | ND | ND | 0.0018 | ND | 0.0025 | ND | 0.0046 |
| S3_IBR_113 | Stable | 0.0531 | 0.0200 | ND | 0.0263 | 0.0071 | 0.0011 | ND | 0.0228 |

| S3_IBR_114 | Stable | 0.0008 | 0.0014 | ND | 0.0314 | 0.0023 | 0.0041 | 0.0055 | 0.0633 |
|------------|--------|--------|--------|----|--------|--------|--------|--------|--------|
| S3_IBR_115 | Stable | 0.0002 | 0.0009 | ND | 0.0306 | 0.0026 | 0.0045 | 0.0075 | 0.0746 |
| S3 IBR 116 | Stable | 0.0015 | 0.0006 | ND | 0.0065 | ND | 0.0016 | 0.0030 | 0.0036 |
| S3_IBR_117 | Stable | 0.0001 | 0.0004 | ND | 0.0160 | 0.0045 | 0.0010 | 0.0049 | 0.0095 |
| S3_IBR_118 | Stable | ND | 0.0007 | ND | ND | ND | ND | ND | ND |
| S3_IBR_119 | Stable | 0.0001 | 0.0002 | ND | ND | ND | ND | ND | 0.0114 |
| S3_IBR_120 | Stable | 0.0001 | 0.0012 | ND | 0.0040 | 0.0003 | ND | ND | 0.0047 |
| S3_IBR_121 | Stable | 0.0005 | 0.0037 | ND | 0.0006 | 0.0001 | ND | ND | 0.0027 |
| S3_IBR_122 | Stable | ND | 0.0003 | ND | ND | 0.0001 | 0.0002 | 0.0001 | 0.0025 |
| S3_IBR_123 | Stable | ND | 0.0185 | ND | 0.0030 | 0.0004 | 0.0007 | 0.0004 | 0.0034 |
| S3_IBR_124 | Stable | ND | 0.0001 | ND | ND | ND | ND | ND | 0.0010 |
| S3_IBR_125 | Stable | ND | 0.0001 | ND | 0.0008 | 0.0006 | 0.0008 | 0.0015 | 0.0011 |
| S3_IBR_126 | Stable | 0.0001 | 0.0004 | ND | ND | ND | 0.0002 | 0.0001 | 0.0005 |
| S3_IBR_127 | Stable | 0.0004 | 0.0069 | ND | ND | ND | 0.0022 | 0.0020 | 0.0045 |
| S3_IBR_128 | Stable | 0.0008 | 0.0025 | ND | 0.0002 | 0.0001 | 0.0007 | ND | 0.0019 |
| S3_IBR_129 | Stable | ND | 0.0001 | ND | 0.0007 | ND | 0.0001 | ND | 0.0015 |
| S3_IBR_130 | Stable | 0.0001 | 0.0006 | ND | 0.0023 | 0.0001 | 0.0170 | 0.0024 | 0.0026 |
| S3_IBR_131 | Stable | 0.0005 | 0.0005 | ND | 0.0014 | 0.0001 | 0.0001 | 0.0006 | 0.0227 |
| S3_IBR_132 | Stable | ND | 0.0010 | ND | ND | 0.0002 | ND | ND | 0.0017 |
| S3_IBR_133 | Stable | 0.0001 | 0.0008 | ND | 0.0049 | ND | 0.0017 | 0.0004 | 0.0013 |
| S3_IBR_134 | Stable | ND | 0.0005 | ND | 0.0010 | 0.0001 | 0.0015 | 0.0025 | 0.0004 |
| S3_IBR_135 | Stable | 0.0013 | 0.0004 | ND | 0.0164 | 0.0005 | 0.0011 | 0.0132 | 0.0032 |
| S3_IBR_136 | Stable | ND | 0.0005 | ND | 0.0001 | 0.0001 | 0.0821 | 0.0038 | 0.0004 |
| S3_IBR_137 | Stable | 0.0001 | 0.0064 | ND | 0.0004 | ND | 0.0012 | 0.0001 | 0.0085 |
| S3_IBR_138 | Stable | 0.0004 | 0.0013 | ND | 0.0006 | ND | 0.0009 | 0.0005 | 0.0012 |
| S4_4BR_139 | Stable | 0.0127 | 0.0121 | ND | 0.0086 | ND | 0.0173 | 0.0108 | 0.0017 |
| S4_4BR_140 | Stable | 0.0007 | 0.0005 | ND | 0.0002 | 0.0002 | ND | ND | 0.0002 |
| S4_4BR_141 | Stable | 0.1181 | 0.0829 | ND | 0.0085 | 0.0324 | 0.0046 | 0.0438 | 0.0019 |
| S4_4BR_142 | Stable | 0.0001 | 0.0006 | ND | 0.0001 | ND | 0.0001 | 0.0001 | 0.0046 |
| S4_4BR_143 | Stable | 0.0002 | 0.0001 | ND | 0.0005 | ND | 0.0002 | 0.0006 | 0.0085 |
| S4_4BR_144 | Stable | 0.0013 | 0.0059 | ND | 0.0010 | 0.0005 | 0.0054 | 0.0005 | 0.0151 |
| S4_4BR_145 | Stable | ND | 0.0009 | ND | ND | 0.0034 | 0.0008 | 0.0005 | 0.0019 |
| S4_4BR_146 | Stable | 0.0004 | 0.0007 | ND | 0.0006 | 0.0005 | 0.0046 | 0.0042 | 0.0169 |
| S4_4BR_147 | Stable | 0.0001 | 0.0056 | ND | 0.0012 | ND | 0.0026 | 0.0339 | 0.0002 |

| S4_4BR_148 | Stable | 0.0013 | 0.0060 | ND | 0.0071 | 0.0015 | 0.0022 | 0.0031 | 0.0051 |
|------------|--------|--------|--------|----|--------|--------|--------|--------|--------|
| S4_4BR_149 | Stable | 0.0004 | 0.0005 | ND | 0.0069 | 0.0004 | 0.0006 | 0.0006 | 0.0007 |
| S4_4BR_150 | Stable | 0.0001 | 0.0406 | ND | 0.0009 | 0.0005 | 0.0005 | ND | 0.0026 |
| S4_4BR_151 | Stable | 0.0001 | 0.0793 | ND | 0.0064 | 0.0078 | 0.0108 | ND | 0.0017 |
| S4_4BR_152 | Stable | 0.0020 | 0.0054 | ND | 0.0052 | 0.0032 | 0.0072 | 0.0254 | 0.0070 |
| S4_4BR_153 | Stable | ND | 0.0003 | ND | ND | 0.0001 | ND | 0.0002 | 0.0015 |
| S4_4BR_154 | Stable | 0.0004 | 0.0045 | ND | 0.0010 | 0.0002 | 0.0015 | 0.0010 | 0.0200 |
| S4_4BR_155 | Stable | 0.0037 | 0.1113 | ND | 0.0050 | 0.0017 | 0.0032 | 0.0001 | 0.0042 |
| S4_4BR_156 | Stable | 0.0002 | 0.0008 | ND | 0.0003 | 0.0001 | ND | 0.0001 | 0.0035 |
| S4_4BR_157 | Stable | 0.0001 | 0.0235 | ND | 0.0007 | 0.0011 | 0.0007 | 0.0010 | 0.0040 |
| S4_4BR_158 | Stable | 0.0002 | 0.0110 | ND | 0.0038 | 0.0001 | 0.0016 | 0.0002 | 0.0042 |
| S4_4BR_159 | Stable | 0.0024 | 0.0095 | ND | 0.0013 | 0.0013 | ND | ND | 0.0384 |
| S4_4BR_160 | Stable | 0.0004 | 0.0017 | ND | 0.0027 | 0.0001 | 0.0005 | 0.0006 | 0.0082 |
| S4_4BR_161 | Stable | 0.0001 | 0.1001 | ND | 0.0069 | 0.0015 | 0.0003 | 0.0006 | 0.0056 |
| S4_4BR_162 | Stable | 0.0005 | 0.0038 | ND | 0.0062 | ND | 0.0015 | 0.0113 | 0.0119 |
| S4_4BR_163 | Stable | ND | 0.0028 | ND | 0.0035 | 0.0005 | 0.0008 | 0.0004 | 0.0037 |
| S4_4BR_164 | Stable | ND | 0.0040 | ND | 0.0017 | ND | 0.0009 | 0.0043 | ND |
| S4_4BR_165 | Stable | 0.0002 | 0.0035 | ND | 0.0004 | 0.0021 | 0.0001 | 0.0003 | 0.0017 |
| S4_4BR_166 | Stable | ND | 0.0006 | ND | 0.0003 | 0.0001 | ND | 0.0002 | 0.0005 |
| S4_4BR_167 | Stable | 0.0002 | 0.0061 | ND | 0.0005 | 0.0004 | 0.0001 | 0.0003 | 0.0010 |
| S4_4BR_168 | Stable | 0.0001 | 0.0010 | ND | ND | 0.0005 | 0.0009 | 0.0002 | 0.0008 |
| S4_4BR_169 | Stable | 0.1456 | 0.0127 | ND | 0.0237 | 0.0042 | 0.0128 | 0.0001 | 0.0004 |
| S4_4BR_170 | Stable | 0.0001 | 0.0005 | ND | 0.0006 | 0.0001 | 0.0002 | 0.0001 | 0.0005 |
| S4_4BR_171 | Stable | 0.0149 | 0.0040 | ND | 0.0042 | 0.0070 | 0.0055 | 0.0114 | 0.0002 |
| S4_4BR_172 | Stable | 0.0001 | 0.0004 | ND | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0001 |
| S4_4BR_173 | Stable | 0.0001 | 0.0065 | ND | 0.0003 | 0.0003 | 0.0001 | 0.0004 | 0.0017 |
| S4_4BR_174 | Stable | 0.0001 | 0.0020 | ND | 0.0004 | 0.0001 | 0.0002 | 0.0003 | 0.0004 |
| S4_4BR_175 | Stable | ND | 0.0345 | ND | 0.0028 | ND | 0.0037 | 0.0135 | 0.0006 |
| S4_4BR_176 | Stable | 0.0001 | 0.0015 | ND | 0.0015 | 0.0005 | 0.0005 | 0.0014 | 0.0008 |
| S4_4BR_177 | Stable | 0.0007 | 0.0048 | ND | 0.0025 | 0.0005 | 0.0005 | 0.0022 | 0.0008 |
| S4_4BR_178 | Stable | 0.0002 | 0.0025 | ND | 0.0006 | 0.0013 | 0.0001 | 0.0045 | 0.0008 |
| S4_4BR_179 | Stable | 0.0052 | 0.0047 | ND | 0.0026 | 0.0006 | 0.0017 | 0.0060 | 0.0025 |
| S4_4BR_180 | Stable | 0.0037 | 0.0163 | ND | 0.0045 | 0.0010 | 0.0035 | 0.0043 | 0.0023 |
| S4_4BR_181 | Stable | 0.0007 | 0.0167 | ND | 0.0012 | 0.0006 | 0.0004 | 0.0020 | 0.0015 |

| S4_4BR_182 | Stable | ND | 0.0082 | ND | 0.0049 | 0.0055 | 0.0261 | 0.0102 | 0.0006 |
|------------|--------|--------|--------|----|--------|--------|--------|--------|--------|
| S4_4BR_183 | Stable | ND | 0.0015 | ND | 0.0006 | ND | ND | 0.0002 | 0.0005 |
| S4_4BR_184 | Stable | 0.0058 | 0.0115 | ND | 0.0008 | 0.0032 | 0.0007 | ND | 0.0001 |