**Table S5.** Test set based on genus-level taxonomic bioindicators of *uncategorized* instances (i.e. operational parameters) obtained from full-scale DWDSs 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 scheme** | **Taxonomy groups** (bioindicators) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | **Taxa A1** | **Taxa A2** | **Taxa A3** | **Taxa A4** | **Taxa A5** | **Taxa B1** | **Taxa B2** | **Taxa B3** |
| *Arkansas and lower Mississippi Rivers* (**Holinger et al., 2014**) | | | | | | | | | |
| **CO2-1a** | ? | ND | ND | ? | ND | ND | ND | ND | 0.0056 |
| **CO2-1b** | ? | ND | ND | ? | ND | ND | ND | ND | 0.0095 |
| **CO2-2** | ? | ND | ND | ? | 0.0021 | ND | 0.0031 | ND | 0.5849 |
| **CO2-3** | ? | ND | 0.0008 | ? | 0.0030 | ND | ND | 0.0008 | 0.0030 |
| **KS2-1a** | ? | ND | 0.0077 | ? | ND | ND | ND | 0.0346 | 0.2308 |
| **KS2-1b** | ? | ND | 0.0018 | ? | 0.0018 | ND | ND | 0.0140 | 0.0595 |
| **KS2-2a** | ? | ND | 0.0052 | ? | 0.0009 | ND | 0.0061 | 0.0506 | 0.5681 |
| **KS2-2b** | ? | ND | 0.0032 | ? | 0.0011 | ND | 0.0032 | 0.0485 | 0.4335 |
| **KS3-1a** | ? | 0.0011 | 0.1171 | ? | ND | ND | ND | ND | 0.7341 |
| **KS3-1b** | ? | 0.0011 | 0.0995 | ? | 0.0011 | ND | ND | ND | 0.5690 |
| **KS3-2a** | ? | ND | 0.0585 | ? | ND | ND | ND | ND | 0.0338 |
| **KS3-2b** | ? | ND | 0.0079 | ? | ND | ND | 0.0032 | ND | 0.0333 |
| **LA3-1** | ? | 0.0040 | ND | ? | ND | ND | ND | ND | ND |
| **LA3-2** | ? | 0.0054 | ND | ? | ND | ND | ND | ND | ND |
| **LA3-3** | ? | 0.0043 | ND | ? | ND | ND | ND | ND | ND |
| **LA3-4a** | ? | 0.0206 | ND | ? | ND | 0.0029 | ND | ND | ND |
| **LA3-4b** | ? | 0.0202 | ND | ? | ND | ND | ND | ND | ND |
| **LA4-1a** | ? | ND | ND | ? | ND | ND | ND | ND | 0.2624 |
| **LA4-1b** | ? | ND | 0.0029 | ? | ND | ND | 0.0029 | 0.0029 | 0.2151 |
| **LA4-2a** | ? | ND | ND | ? | ND | ND | ND | ND | 0.6081 |
| **LA4-2b** | ? | ND | ND | ? | ND | ND | 0.2048 | ND | 0.5127 |
| *Ohio River Basin*† (**Stanish et al., 2016**) | | | | | | | | | |
| **M06S1** | ? | ND | 0.0311 | ND | 0.0001 | 0.0458 | 0.0038 | 0.0009 | 0.0769 |
| **M06S2** | ? | ND | 0.0218 | ND | 0.0034 | 0.0256 | 0.0016 | 0.0043 | 0.0469 |
| **M06S3** | ? | 0.0006 | 0.0005 | ND | ND | ND | 0.0582 | 0.0169 | 0.4959 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **M06S4** | ? | ND | 0.0015 | ND | 0.0005 | 0.0001 | 0.0002 | 0.0096 | 0.0506 |
| **M06S5** | ? | ND | 0.0011 | ND | 0.0001 | 0.0018 | 0.0001 | 0.0012 | 0.1325 |
| **M07S1** | ? | ND | 0.0009 | ND | 0.0021 | 0.0143 | 0.0018 | 0.0041 | 0.0593 |
| **M07S2** | ? | ND | 0.0002 | ND | 0.0005 | 0.0045 | 0.0616 | 0.0014 | 0.2983 |
| **M07S3** | ? | ND | 0.0002 | ND | ND | 0.0020 | 0.0001 | 0.0028 | 0.0701 |
| **M07S4** | ? | ND | 0.0015 | ND | 0.0011 | 0.0065 | 0.0001 | 0.0125 | 0.0588 |

*Ann Arbor, MI*[†] (**Pinto et al., 2014**)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **S.1.1.Apr11** | ? | ND | 0.0110 | ND | ND | ND | ND | 0.0020 | 0.0010 |
| **S.1.1.Aug10** | ? | 0.0010 | 0.0030 | ND | ND | 0.0020 | ND | ND | ND |
| **S.1.1.Aug11** | ? | ND | 0.0040 | ND | ND | 0.0040 | ND | 0.0010 | ND |
| **S.1.1.Dec10** | ? | ND | 0.0050 | ND | ND | 0.0010 | ND | ND | ND |
| **S.1.1.Jan11** | ? | ND | 0.0460 | ND | ND | 0.0020 | ND | ND | ND |
| **S.1.1.Jul11** | ? | 0.0010 | 0.0030 | ND | ND | 0.0060 | ND | ND | 0.0010 |
| **S.1.1.Jun11** | ? | 0.0030 | ND | ND | ND | 0.0020 | ND | ND | ND |
| **S.1.1.May11** | ? | ND | 0.0050 | ND | ND | ND | ND | ND | ND |
| **S.1.1.Oct10** | ? | 0.0030 | 0.0030 | ND | ND | 0.0030 | ND | ND | ND |
| **S.1.1.Sep10** | ? | 0.0010 | 0.0100 | ND | ND | 0.0060 | ND | ND | ND |
| **S.1.2.Apr11** | ? | ND | 0.0110 | ND | 0.0020 | ND | ND | ND | ND |
| **S.1.2.Aug10** | ? | ND | ND | ND | ND | 0.0030 | ND | ND | ND |
| **S.1.2.Aug11** | ? | 0.0040 | 0.0110 | ND | ND | 0.0090 | ND | ND | ND |
| **S.1.2.Dec10** | ? | ND | 0.0130 | ND | ND | 0.0020 | ND | ND | 0.0010 |
| **S.1.2.Feb11** | ? | ND | 0.0360 | ND | ND | ND | 0.0010 | ND | 0.0030 |
| **S.1.2.Jan11** | ? | ND | 0.0510 | ND | ND | 0.0010 | ND | ND | ND |
| **S.1.2.Jul10** | ? | ND | 0.0060 | ND | ND | 0.0010 | ND | ND | ND |
| **S.1.2.Jul11** | ? | 0.0020 | 0.0010 | ND | ND | 0.0070 | ND | 0.0010 | ND |
| **S.1.2.Jun10** | ? | 0.0040 | 0.0050 | ND | ND | ND | ND | ND | 0.0010 |
| **S.1.2.Jun11** | ? | ND | 0.0040 | ND | ND | 0.0050 | ND | ND | ND |
| **S.1.2.Mar11** | ? | 0.0010 | 0.0160 | ND | 0.0030 | ND | ND | 0.0020 | 0.0060 |
| **S.1.2.May11** | ? | ND | 0.0020 | ND | ND | 0.0010 | ND | ND | ND |
| **S.1.2.Nov10** | ? | ND | 0.0200 | ND | ND | 0.0010 | ND | 0.0010 | ND |
| **S.1.2.Oct10** | ? | 0.0010 | 0.0050 | ND | ND | 0.0040 | ND | 0.0010 | ND |
| **S.1.2.Sep10** | ? | 0.0030 | 0.0080 | ND | ND | 0.0010 | ND | ND | 0.0010 |
| **S.1.3.Apr11** | ? | ND | 0.0050 | ND | ND | ND | ND | 0.0020 | ND |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **S.1.3.Aug10** | ? | ND | 0.0890 | ND | 0.0010 | 0.0040 | ND | ND | 0.0020 |
| **S.1.3.Feb11** | ? | ND | 0.0200 | ND | ND | 0.0040 | ND | 0.0050 | 0.0030 |
| **S.1.3.Jul10** | ? | 0.0030 | 0.0020 | ND | 0.0020 | 0.0030 | ND | 0.0010 | 0.0020 |
| **S.1.3.Jul11** | ? | ND | 0.0020 | ND | ND | 0.0160 | ND | ND | 0.0060 |
| **S.1.3.Jun10** | ? | 0.0020 | 0.0010 | ND | ND | ND | ND | 0.0010 | ND |
| **S.1.3.Jun11** | ? | 0.0020 | ND | ND | ND | 0.0040 | ND | ND | 0.0020 |
| **S.1.3.Mar11** | ? | 0.0020 | 0.0170 | ND | 0.0010 | 0.0020 | ND | 0.0020 | ND |
| **S.2.1.Apr11** | ? | ND | 0.0090 | ND | ND | ND | ND | 0.0020 | ND |
| **S.2.1.Aug10** | ? | ND | 0.0010 | ND | ND | 0.0010 | ND | ND | ND |
| **S.2.1.Aug11** | ? | 0.0030 | ND | ND | ND | 0.0050 | ND | ND | ND |
| **S.2.1.Dec10** | ? | 0.0010 | 0.0060 | ND | ND | ND | ND | ND | 0.0010 |
| **S.2.1.Feb11** | ? | ND | 0.0160 | ND | ND | 0.0010 | ND | 0.0010 | ND |
| **S.2.1.Jul10** | ? | ND | 0.0030 | ND | ND | ND | ND | 0.0010 | ND |
| **S.2.1.Jul11** | ? | 0.0020 | 0.0020 | ND | ND | 0.0020 | ND | ND | ND |
| **S.2.1.Jun10** | ? | 0.0030 | 0.0010 | ND | ND | ND | ND | ND | ND |
| **S.2.1.Mar11** | ? | ND | 0.0360 | ND | 0.0020 | 0.0020 | ND | ND | ND |
| **S.2.1.May11** | ? | 0.0010 | 0.0010 | ND | ND | ND | ND | ND | 0.0020 |
| **S.2.1.Nov10** | ? | ND | 0.0200 | ND | ND | 0.0030 | ND | ND | 0.0040 |
| **S.2.1.Oct10** | ? | 0.0030 | 0.0100 | ND | ND | 0.0010 | ND | ND | ND |
| **S.2.1.Sep10** | ? | ND | 0.0060 | ND | ND | 0.0040 | ND | ND | ND |
| **S.2.2.Apr11** | ? | ND | 0.0050 | ND | ND | ND | ND | ND | ND |
| **S.2.2.Aug10** | ? | 0.0020 | 0.0090 | ND | ND | 0.0010 | ND | ND | ND |
| **S.2.2.Aug11** | ? | 0.0010 | 0.0010 | ND | ND | 0.0040 | ND | ND | ND |
| **S.2.2.Dec10** | ? | ND | 0.0080 | ND | ND | 0.0040 | ND | ND | ND |
| **S.2.2.Feb11** | ? | 0.0020 | 0.0210 | ND | ND | ND | ND | ND | 0.0010 |
| **S.2.2.Jan11** | ? | ND | 0.0330 | ND | ND | 0.0030 | ND | 0.0020 | ND |
| **S.2.2.Jul10** | ? | 0.0060 | 0.0080 | ND | ND | 0.0020 | ND | ND | ND |
| **S.2.2.Jul11** | ? | 0.0040 | ND | ND | ND | 0.0020 | ND | ND | ND |
| **S.2.2.Jun10** | ? | ND | 0.0070 | ND | ND | ND | ND | ND | ND |
| **S.2.2.Jun11** | ? | 0.0010 | ND | ND | ND | 0.0020 | ND | ND | ND |
| **S.2.2.Mar11** | ? | 0.0010 | 0.0300 | ND | 0.0010 | 0.0020 | ND | ND | 0.0010 |
| **S.2.2.May11** | ? | ND | 0.0020 | ND | ND | ND | ND | ND | ND |
| **S.2.2.Nov10** | ? | 0.0020 | 0.0130 | ND | 0.0010 | 0.0020 | ND | ND | ND |
| **S.2.2.Oct10** | ? | 0.0020 | 0.0050 | ND | 0.0010 | 0.0010 | ND | 0.0010 | 0.0010 |

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|---|---|---|---|---|---|---|---|---|---|
| **S.2.2.Sep10** | ? | 0.0020 | ND | ND | ND | 0.0030 | ND | 0.0010 | 0.0020 |
| **S.2.3.Apr11** | ? | ND | 0.0050 | ND | ND | ND | ND | ND | 0.0020 |
| **S.2.3.Aug10** | ? | ND | ND | ND | ND | ND | ND | ND | 0.0050 |
| **S.2.3.Aug11** | ? | ND | 0.0020 | ND | ND | 0.0020 | ND | 0.0010 | 0.0020 |
| **S.2.3.Dec10** | ? | ND | 0.0040 | ND | ND | 0.0010 | 0.0010 | ND | 0.0040 |
| **S.2.3.Feb11** | ? | ND | 0.0210 | ND | ND | 0.0010 | ND | 0.0010 | 0.0020 |
| **S.2.3.Jan11** | ? | ND | 0.0280 | ND | ND | ND | ND | ND | ND |
| **S.2.3.Jul10** | ? | 0.0010 | ND | ND | ND | 0.0020 | ND | ND | 0.0010 |
| **S.2.3.Jul11** | ? | 0.0010 | 0.0010 | ND | ND | 0.0080 | ND | 0.0020 | 0.0080 |
| **S.2.3.Jun10** | ? | ND | 0.0010 | ND | ND | ND | ND | ND | ND |
| **S.2.3.Jun11** | ? | ND | 0.0020 | ND | ND | 0.0020 | ND | ND | 0.0010 |
| **S.2.3.May11** | ? | 0.0010 | 0.0050 | ND | ND | ND | ND | ND | ND |
| **S.2.3.Oct10** | ? | 0.0030 | 0.0050 | ND | ND | 0.0160 | ND | 0.0010 | ND |
| **S.2.3.Sep10** | ? | 0.0030 | 0.0090 | ND | ND | 0.0010 | ND | ND | ND |
| **S.3.1.Apr11** | ? | ND | 0.0040 | ND | ND | ND | ND | ND | 0.0020 |
| **S.3.1.Aug10** | ? | 0.0020 | 0.0100 | ND | 0.0010 | 0.0020 | ND | ND | 0.0010 |
| **S.3.1.Aug11** | ? | ND | 0.0760 | ND | ND | ND | ND | ND | 0.0010 |
| **S.3.1.Dec10** | ? | ND | 0.0050 | ND | ND | 0.0020 | ND | 0.0010 | ND |
| **S.3.1.Feb11** | ? | ND | 0.0280 | ND | ND | 0.0020 | ND | ND | 0.0010 |
| **S.3.1.Jul10** | ? | ND | 0.0020 | ND | ND | 0.0010 | ND | 0.0010 | 0.0010 |
| **S.3.1.Jun10** | ? | 0.0030 | 0.0070 | ND | ND | 0.0050 | ND | ND | ND |
| **S.3.1.Mar11** | ? | ND | 0.0280 | ND | ND | 0.0020 | ND | ND | 0.0010 |
| **S.3.1.May11** | ? | ND | ND | ND | ND | ND | ND | ND | 0.0010 |
| **S.3.1.Nov10** | ? | ND | 0.0160 | ND | ND | 0.0040 | ND | 0.0010 | 0.0080 |
| **S.3.1.Oct10** | ? | 0.0030 | 0.0520 | ND | ND | 0.0060 | ND | 0.0010 | 0.0030 |
| **S.3.1.Sep10** | ? | 0.0020 | 0.0170 | ND | ND | 0.0030 | ND | ND | 0.0010 |
| **S.3.2.Apr11** | ? | 0.0010 | 0.0050 | ND | ND | 0.0010 | ND | ND | ND |
| **S.3.2.Aug10** | ? | 0.0030 | ND | ND | ND | 0.0020 | ND | 0.0010 | ND |
| **S.3.2.Aug11** | ? | ND | 0.0040 | ND | ND | 0.0060 | ND | ND | 0.0010 |
| **S.3.2.Dec10** | ? | ND | 0.0120 | ND | ND | 0.0010 | ND | ND | 0.0040 |
| **S.3.2.Feb11** | ? | 0.0020 | 0.0330 | ND | ND | 0.0010 | ND | ND | 0.0060 |
| **S.3.2.Jan11** | ? | ND | 0.0610 | ND | 0.0010 | 0.0010 | ND | ND | ND |
| **S.3.2.Jul10** | ? | ND | ND | ND | ND | ND | ND | ND | ND |
| **S.3.2.Jul11** | ? | 0.0010 | ND | ND | ND | 0.0030 | ND | ND | 0.0020 |

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|---|---|---|---|---|---|---|---|---|---|
| **S.3.2.Jun10** | ? | ND | 0.0010 | ND | 0.0030 | ND | ND | ND | ND |
| **S.3.2.Jun11** | ? | 0.0040 | ND | ND | ND | 0.0020 | ND | ND | ND |
| **S.3.2.Mar11** | ? | 0.0020 | 0.0380 | ND | ND | ND | ND | ND | 0.0010 |
| **S.3.2.May11** | ? | ND | 0.0010 | ND | ND | ND | ND | ND | ND |
| **S.3.2.Nov10** | ? | 0.0020 | 0.0040 | ND | ND | 0.0040 | ND | 0.0010 | ND |
| **S.3.2.Oct10** | ? | 0.0030 | 0.0090 | ND | ND | 0.0060 | ND | ND | ND |
| **S.3.2.Sep10** | ? | 0.0010 | 0.0120 | ND | ND | 0.0010 | ND | 0.0020 | ND |
| **S.3.3.Apr11** | ? | ND | 0.0130 | ND | ND | ND | ND | ND | 0.0020 |
| **S.3.3.Aug10** | ? | 0.0010 | 0.0040 | ND | ND | 0.0030 | ND | ND | ND |
| **S.3.3.Aug11** | ? | 0.0030 | 0.0020 | ND | ND | 0.0050 | ND | 0.0010 | ND |
| **S.3.3.Dec10** | ? | ND | 0.0020 | ND | ND | ND | ND | 0.0030 | ND |
| **S.3.3.Feb11** | ? | ND | 0.0200 | ND | ND | 0.0020 | ND | 0.0060 | 0.0030 |
| **S.3.3.Jan11** | ? | ND | 0.0300 | ND | ND | ND | ND | ND | ND |
| **S.3.3.Jul10** | ? | 0.0030 | 0.0040 | ND | ND | 0.0010 | ND | ND | ND |
| **S.3.3.Jul11** | ? | ND | ND | ND | ND | 0.0030 | ND | ND | 0.0010 |
| **S.3.3.Jun10** | ? | ND | ND | ND | ND | ND | ND | ND | 0.0010 |
| **S.3.3.Jun11** | ? | ND | ND | ND | ND | 0.0040 | ND | ND | ND |
| **S.3.3.Mar11** | ? | ND | 0.0300 | ND | ND | ND | ND | ND | ND |
| **S.3.3.May11** | ? | 0.0010 | ND | ND | ND | 0.0010 | ND | 0.0010 | ND |
| **S.3.3.Nov10** | ? | ND | 0.0180 | ND | ND | 0.0080 | 0.0010 | ND | ND |
| **S.3.3.Oct10** | ? | ND | 0.2430 | ND | ND | 0.0070 | ND | 0.0010 | 0.0020 |
| **S.3.3.Sep10** | ? | 0.0020 | 0.0020 | ND | ND | 0.0030 | ND | 0.0010 | ND |

*Eastern USA*[†] (**Ji et al., 2015**)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **E.B.1.1D** | ? | 0.0009 | 0.0149 | ND | 0.1112 | 0.0020 | 0.0285 | 0.0268 | 0.1383 |
| **E.B.1.2D** | ? | 0.0017 | 0.0149 | ND | 0.1284 | 0.0026 | 0.0288 | 0.0182 | 0.1246 |
| **E.B.1.3D** | ? | 0.0009 | 0.0157 | ND | 0.1455 | 0.0032 | 0.0294 | 0.0205 | 0.1101 |
| **E.B.2.1D** | ? | 0.0154 | 0.0273 | ND | 0.1880 | 0.0029 | 0.0571 | 0.0227 | 0.0973 |
| **E.B.2.2D** | ? | 0.0058 | 0.0188 | ND | 0.2368 | 0.0023 | 0.0543 | 0.0191 | 0.1051 |
| **E.B.2.3D** | ? | 0.0064 | 0.0145 | ND | 0.2180 | 0.0036 | 0.0633 | 0.0228 | 0.1059 |
| **E.B.3.1D** | ? | 0.0015 | 0.0218 | ND | 0.2035 | 0.0022 | 0.0610 | 0.0355 | 0.3084 |
| **E.B.3.2D** | ? | 0.0012 | 0.0137 | ND | 0.2286 | 0.0029 | 0.0638 | 0.0294 | 0.2762 |
| **E.B.3.3D** | ? | 0.0017 | 0.0148 | ND | 0.2494 | 0.0037 | 0.0534 | 0.0312 | 0.2085 |
| **E.CS.1.1D** | ? | 0.0005 | 0.0069 | ND | 0.1786 | 0.0006 | 0.0334 | 0.0833 | 0.0964 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **E.CS.1.2D** | ? | 0.0008 | 0.0100 | ND | 0.2344 | 0.0008 | 0.0375 | 0.0563 | 0.1112 |
| **E.CS.1.3D** | ? | 0.0023 | 0.0097 | ND | 0.1911 | 0.0015 | 0.0236 | 0.0646 | 0.1274 |
| **E.CS.2.1D** | ? | 0.0005 | 0.0022 | ND | 0.1432 | 0.0014 | 0.0168 | 0.1204 | 0.1113 |
| **E.CS.2.2D** | ? | 0.0010 | 0.0043 | ND | 0.1317 | 0.0012 | 0.0120 | 0.1336 | 0.1181 |
| **E.CS.2.3D** | ? | 0.0003 | 0.0034 | ND | 0.1519 | 0.0014 | 0.0193 | 0.1733 | 0.0906 |
| **E.CS.3.1D** | ? | 0.0008 | 0.0103 | ND | 0.1952 | 0.0024 | 0.0220 | 0.0431 | 0.0989 |
| **E.CS.3.2D** | ? | 0.0010 | 0.0145 | ND | 0.2313 | 0.0014 | 0.0255 | 0.0434 | 0.0565 |
| **E.CS.3.3D** | ? | 0.0014 | 0.0056 | ND | 0.2072 | 0.0014 | 0.0118 | 0.0727 | 0.0594 |
| **E.I.1D** | ? | 0.0168 | 0.0020 | ND | 0.0211 | 0.0040 | 0.0314 | 0.0152 | 0.0062 |
| **E.I.2D** | ? | 0.0146 | 0.0103 | ND | 0.0143 | 0.0031 | 0.0214 | 0.0150 | 0.0063 |
| **E.I.3D** | ? | 0.0058 | 0.0202 | ND | 0.0235 | 0.0042 | 0.0223 | 0.0140 | 0.0028 |
| **E.LC.1.1D** | ? | 0.0009 | 0.0207 | ND | 0.2492 | 0.0021 | 0.0504 | 0.0237 | 0.2714 |
| **E.LC.1.2D** | ? | 0.0014 | 0.0058 | ND | 0.2666 | 0.0024 | 0.0675 | 0.0179 | 0.2071 |
| **E.LC.1.3D** | ? | 0.0014 | 0.0100 | ND | 0.3103 | 0.0019 | 0.0614 | 0.0180 | 0.2122 |
| **E.LC.2.1D** | ? | 0.0009 | 0.0166 | ND | 0.1747 | 0.0021 | 0.0343 | 0.0141 | 0.2530 |
| **E.LC.2.2D** | ? | 0.0032 | 0.0117 | ND | 0.1615 | 0.0047 | 0.0287 | 0.0174 | 0.2391 |
| **E.LC.2.3D** | ? | 0.0018 | 0.0062 | ND | 0.1845 | 0.0020 | 0.0308 | 0.0394 | 0.1521 |
| **E.LC.3.1D** | ? | 0.0006 | 0.0079 | ND | 0.1238 | 0.0016 | 0.0342 | 0.0054 | 0.1555 |
| **E.LC.3.2D** | ? | 0.0031 | 0.0066 | ND | 0.2324 | 0.0025 | 0.0616 | 0.0113 | 0.1784 |
| **E.LC.3.3D** | ? | ND | 0.0074 | ND | 0.0436 | 0.0010 | 0.0821 | 0.0212 | 0.2516 |

*New Orleans, LA*[†] (**Hull et al., 2017**)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **A_NO26** | ? | ND | 0.0006 | ND | 0.0001 | ND | ND | ND | 0.0016 |
| **A_NO27** | ? | ND | 0.0007 | ND | ND | ND | 0.0006 | 0.0005 | 0.0021 |
| **A_NO28** | ? | ND | 0.0004 | 0.0001 | ND | ND | ND | ND | 0.0142 |
| **A_NO29** | ? | ND | 0.0002 | ND | 0.0001 | ND | ND | 0.0002 | 0.0195 |
| **A_NO31** | ? | 0.0001 | 0.0001 | ND | 0.0039 | ND | ND | 0.0013 | 0.0049 |
| **C_NO16** | ? | 0.0001 | 0.0001 | 0.0002 | ND | 0.0002 | ND | 0.0051 | 0.0091 |
| **C_NO17** | ? | ND | ND | ND | ND | 0.0005 | ND | ND | 0.0107 |
| **C_NO18** | ? | ND | ND | 0.0001 | 0.0002 | ND | ND | ND | 0.0009 |
| **C_NO19** | ? | ND | ND | ND | ND | ND | ND | 0.0002 | 0.1259 |
| **C_NO20** | ? | ND | ND | 0.0001 | ND | 0.0002 | ND | 0.0004 | 0.0036 |
| **C_NO21** | ? | ND | ND | ND | ND | ND | ND | 0.0013 | 0.4707 |
| **C_NO23** | ? | ND | ND | ND | ND | ND | ND | 0.0001 | 0.0016 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **C_NO24** | ? | ND | 0.0001 | ND | ND | ND | ND | 0.0001 | 0.0022 |
| **C_NO25** | ? | ND | 0.0004 | ND | ND | 0.0002 | ND | 0.0067 | 0.1191 |
| **C_NO32** | ? | ND | ND | ND | ND | ND | ND | 0.0005 | 0.0541 |
| **C_NO33** | ? | ND | 0.0001 | ND | ND | 0.0002 | 0.0002 | 0.0001 | 0.0382 |
| **C_NO34** | ? | 0.0001 | ND | ND | ND | 0.0001 | 0.0001 | 0.0008 | 0.0116 |
| **C_NO35** | ? | ND | 0.0002 | ND | 0.0002 | 0.0001 | ND | 0.0012 | 0.0060 |
| **C_NO36** | ? | ND | 0.0001 | ND | ND | ND | ND | 0.0001 | 0.0595 |
| **C_NO37** | ? | ND | ND | 0.0001 | ND | 0.0001 | 0.0001 | 0.0002 | 0.0034 |
| **C_NO38** | ? | ND | ND | 0.0001 | 0.0005 | 0.0001 | ND | 0.0018 | 0.0244 |
| **C_NO39** | ? | ND | ND | ND | ND | 0.0011 | ND | 0.0194 | 0.4369 |
| **C_NO40** | ? | ND | 0.0001 | 0.0002 | ND | 0.0002 | 0.0001 | ND | 0.1095 |
| **C_NO41** | ? | ND | 0.0001 | ND | ND | 0.0001 | ND | ND | 0.0024 |
| **C_NO42** | ? | ND | 0.0001 | ND | 0.0002 | 0.0008 | ND | 0.0012 | 0.0074 |
| **C_NO43** | ? | ND | ND | ND | 0.0001 | ND | ND | ND | 0.0380 |
| **C_NO44** | ? | ND | ND | 0.0001 | ND | ND | 0.0001 | 0.0002 | 0.0033 |
| **C_NO45** | ? | ND | 0.0001 | 0.0001 | ND | 0.0001 | ND | 0.0001 | 0.0276 |
| **C_NO46** | ? | ND | ND | 0.0001 | ND | 0.0001 | 0.0001 | 0.0004 | 0.0566 |
| **C_NO47** | ? | ND | ND | ND | ND | 0.0002 | ND | 0.0002 | 0.0122 |
| **C_NO48** | ? | ND | 0.0004 | ND | ND | ND | ND | ND | 0.0045 |
| **C_NO49** | ? | ND | 0.0001 | 0.0001 | 0.0002 | 0.0001 | ND | 0.0002 | 0.0196 |
| **C_NO50** | ? | ND | 0.0001 | ND | ND | 0.0001 | ND | ND | 0.1174 |
| **C_NO51** | ? | ND | ND | ND | ND | 0.0002 | ND | 0.0001 | 0.0493 |
| **C_NO52** | ? | 0.0042 | 0.0041 | ND | 0.0002 | 0.0051 | ND | 0.0006 | 0.0014 |
| **C_NO53** | ? | ND | ND | ND | ND | 0.0002 | ND | 0.0001 | 0.3029 |
| **C_NO54** | ? | ND | ND | ND | ND | 0.0004 | 0.0001 | 0.0012 | 0.2919 |
| **C_NO55** | ? | ND | 0.0002 | ND | ND | ND | ND | ND | 0.0015 |
| **C_NO56** | ? | ND | ND | 0.0001 | 0.0008 | 0.0005 | 0.0001 | 0.0001 | 0.0047 |
| **C_NO57** | ? | ND | 0.0001 | ND | 0.0001 | ND | ND | 0.0001 | 0.0061 |

*Urbana, IL*[†] (**Hwang et al., 2012**)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **S10_C0** | ? | ND | ND | ND | 0.0007 | ND | ND | ND | 0.0007 |
| **S10_N1** | ? | ND | ND | ND | ND | ND | ND | ND | ND |
| **S10_N2** | ? | ND | ND | ND | ND | ND | ND | ND | ND |
| **S10_S1** | ? | ND | ND | ND | 0.0020 | ND | ND | ND | 0.0013 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **S10_S2** | ? | ND | ND | ND | 0.0040 | ND | | ND | 0.0007 | 0.0007 |
| **S11_C0** | ? | ND | ND | ND | ND | ND | | ND | ND | ND |
| **S11_N1** | ? | ND | ND | ND | ND | ND | | ND | ND | ND |
| **S11_N2** | ? | ND | ND | ND | 0.0073 | ND | | ND | ND | 0.0013 |
| **S11_S1** | ? | ND | ND | ND | ND | ND | | ND | ND | ND |
| **W10_C0** | ? | ND | ND | ND | 0.0087 | 0.0013 | | ND | 0.0007 | 0.0007 |
| **W10_N1** | ? | ND | ND | ND | 0.0107 | 0.0020 | | ND | ND | ND |
| **W10_N2** | ? | ND | ND | ND | 0.0060 | 0.0027 | | ND | ND | ND |
| **W10_S1** | ? | ND | ND | ND | 0.0020 | ND | | ND | ND | ND |
| **W10_S2** | ? | ND | ND | ND | 0.0013 | ND | | ND | ND | ND |