# Appendix F. Wyoming Stream Diatom Index and Metric Scores

| Station | Collection Date | Disturbance Status | Samp\_Rep | WY Stream Diatom Index | BC\_12.pa\_std | | nt\_Diatas\_TN\_2\_RFadj\_std | | pt\_H\_WDEQ\_34\_RFadj\_std | | WA\_Salinity\_USGS\_std | | pt\_O\_WDEQ\_4\_std | | pt\_T\_WDEQ\_12\_RFadj\_std | | pt\_T\_WDEQ\_56\_RFadj\_std | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SR0055 | 9/10/2007 | Non-Ref | 160\_0 | 40.7 | | 10.6 | | 59.7 | | 78.9 | | 34.7 | | 49.8 | | 19.2 | | 32.2 | |
| SR0055 | 9/10/2007 | Non-Ref | 160\_1 | 43.4 | | 19.6 | | 43.9 | | 66.8 | | 8.0 | | 70.4 | | 39.3 | | 55.9 | |
| WHP0051 | 10/4/2007 | Degraded | 169\_0 | 1.9 | | 0.0 | | 0.0 | | 0.0 | | 8.4 | | 0.0 | | 1.4 | | 3.7 | |
| WHP0047 | 10/8/2007 | Degraded | 171\_0 | 3.8 | | 0.0 | | 0.0 | | 18.9 | | 7.9 | | 0.0 | | 0.0 | | 0.0 | |
| MRW45 | 9/11/2007 | Reference | 183\_0 | 44.2 | | 37.9 | | 30.9 | | 60.2 | | 39.2 | | 33.1 | | 57.3 | | 50.8 | |
| MRW45 | 9/11/2007 | Reference | 183\_1 | 44.9 | | 31.9 | | 30.9 | | 93.0 | | 39.0 | | 39.4 | | 30.2 | | 49.9 | |
| WB0230 | 10/9/2007 | Degraded | 191\_0 | 23.0 | | 1.6 | | 43.0 | | 0.0 | | 0.1 | | 57.6 | | 0.0 | | 58.7 | |
| WB0292 | 10/24/2007 | Reference | 194\_0 | 51.1 | | 35.7 | | 47.5 | | 71.5 | | 48.4 | | 100 | | 9.3 | | 45.0 | |
| WB0292 | 10/24/2007 | Reference | 194\_1 | 60.5 | | 7.6 | | 100 | | 100 | | 25.2 | | 42.2 | | 48.6 | | 100 | |
| MRW10 | 8/29/2007 | Reference | 201\_0 | 68.7 | | 70.7 | | 72.5 | | 89.1 | | 24.7 | | 83.3 | | 62.9 | | 77.6 | |
| MRW10 | 8/29/2007 | Reference | 201\_1 | 32.0 | | 29.7 | | 88.4 | | 30.5 | | 24.2 | | 36.4 | | 15.1 | | 0.0 | |
| WB0296 | 9/18/2007 | Non-Ref | 202\_0 | 45.2 | | 55.2 | | 49.3 | | 75.3 | | 18.6 | | 59.6 | | 21.3 | | 37.1 | |
| WB0296 | 9/18/2007 | Non-Ref | 202\_1 | 20.3 | | 17.9 | | 1.8 | | 38.8 | | 12.3 | | 38.9 | | 7.6 | | 24.5 | |
| WB223 | 8/25/2008 | Degraded | 223\_0 | 27.3 | | 3.9 | | 0.0 | | 50.6 | | 32.6 | | 40.0 | | 29.3 | | 34.6 | |
| SRI9 | 9/16/2008 | Degraded | 228\_0 | 33.0 | | 28.5 | | 72.4 | | 60.2 | | 22.3 | | 33.1 | | 0.0 | | 14.6 | |
| SRI9 | 9/16/2008 | Degraded | 228\_1 | 27.8 | | 9.4 | | 9.1 | | 76.1 | | 21.4 | | 47.0 | | 1.4 | | 30.0 | |
| MRW18 | 8/28/2008 | Reference | 239\_0 | 60.1 | | 80.6 | | 80.5 | | 57.5 | | 54.0 | | 34.2 | | 64.2 | | 49.2 | |
| MRW18 | 8/28/2008 | Reference | 239\_1 | 64.9 | | 74.6 | | 64.7 | | 80.2 | | 29.0 | | 61.9 | | 78.6 | | 65.0 | |
| MRCI31 | 9/16/2008 | Non-Ref | 245\_0 | 66.9 | | 75.0 | | 93.8 | | 64.4 | | 72.7 | | 69.0 | | 46.7 | | 46.5 | |
| MRCI31 | 9/16/2008 | Non-Ref | 245\_1 | 69.2 | | 82.7 | | 62.1 | | 79.5 | | 100 | | 40.9 | | 64.9 | | 54.0 | |
| NGP23 | 9/25/2008 | Non-Ref | 253\_0 | 61.2 | | 72.3 | | 78.4 | | 16.0 | | 83.8 | | 47.0 | | 76.3 | | 54.2 | |
| NGP23 | 9/25/2008 | Non-Ref | 253\_1 | 39.6 | | 45.8 | | 62.6 | | 0.0 | | 48.1 | | 20.5 | | 58.3 | | 41.9 | |
| NGP0215 | 10/28/2008 | Non-Ref | 260\_0 | 32.6 | | 45.5 | | 45.4 | | 0.0 | | 51.8 | | 40.9 | | 32.7 | | 11.6 | |
| NGP0215 | 10/28/2008 | Non-Ref | 260\_1 | 29.9 | | 24.7 | | 61.2 | | 0.0 | | 34.3 | | 10.8 | | 38.0 | | 40.6 | |
| MRW22 | 10/1/2008 | Reference | 274\_0 | 58.7 | | 69.4 | | 44.1 | | 78.9 | | 56.7 | | 43.9 | | 61.5 | | 56.8 | |
| MRW22 | 10/1/2008 | Reference | 274\_1 | 49.4 | | 44.2 | | 59.9 | | 60.2 | | 59.4 | | 20.5 | | 66.2 | | 35.0 | |
| MRWI39 | 10/14/2008 | Reference | 275\_0 | 41.7 | | 10.2 | | 57.9 | | 50.4 | | 38.5 | | 36.4 | | 58.1 | | 40.3 | |
| MRWI39 | 10/14/2008 | Reference | 275\_1 | 47.1 | | 8.0 | | 57.9 | | 80.7 | | 39.8 | | 58.5 | | 45.3 | | 39.6 | |
| WB92 | 8/10/2009 | Non-Ref | 292\_0 | 37.1 | | 15.9 | | 25.3 | | 52.7 | | 48.6 | | 20.5 | | 51.1 | | 45.4 | |
| WB92 | 8/10/2009 | Non-Ref | 292\_1 | 51.6 | | 16.3 | | 25.3 | | 72.7 | | 73.7 | | 57.6 | | 43.2 | | 72.6 | |
| MRW11 | 9/1/2009 | Reference | 296\_0 | 58.5 | | 20.6 | | 64.5 | | 85.5 | | 42.7 | | 78.8 | | 57.1 | | 60.2 | |
| MRW11 | 9/1/2009 | Reference | 296\_1 | 59.7 | | 13.6 | | 48.6 | | 78.0 | | 33.7 | | 100 | | 66.0 | | 78.2 | |
| SR0059 | 6/29/2009 | Reference | 304\_0 | 62.7 | | 23.2 | | 77.5 | | 63.6 | | 33.1 | | 67.1 | | 90.1 | | 84.6 | |
| SR0059 | 6/29/2009 | Reference | 304\_1 | 50.4 | | 25.6 | | 100 | | 53.9 | | 40.5 | | 38.5 | | 55.4 | | 38.7 | |
| WB0323 | 8/26/2009 | Degraded | 313\_0 | 49.0 | | 16.2 | | 100 | | 50.5 | | 33.8 | | 50.1 | | 39.5 | | 53.1 | |
| WB0323 | 8/26/2009 | Degraded | 313\_1 | 53.8 | | 19.4 | | 89.5 | | 63.6 | | 31.8 | | 47.0 | | 70.6 | | 54.6 | |
| SR3 | 9/15/2009 | Reference | 319\_0 | 74.4 | | 100 | | 72.2 | | 71.1 | | 100 | | 47.0 | | 66.9 | | 63.4 | |
| SR3 | 9/15/2009 | Reference | 319\_1 | 78.1 | | 100 | | 88.0 | | 65.6 | | 100 | | 100 | | 40.7 | | 52.2 | |
| MRC22 | 9/3/2009 | Reference | 334\_0 | 75.4 | | 100 | | 51.3 | | 60.7 | | 100 | | 62.6 | | 64.7 | | 88.6 | |
| MRC22 | 9/3/2009 | Reference | 334\_1 | 66.7 | | 100 | | 67.1 | | 71.7 | | 100 | | 51.1 | | 29.4 | | 47.6 | |
| MRWI27 | 9/10/2009 | Reference | 338\_0 | 65.6 | | 99.0 | | 67.7 | | 72.5 | | 77.2 | | 42.2 | | 51.1 | | 49.4 | |
| MRWI27 | 9/10/2009 | Reference | 338\_1 | 61.2 | | 97.3 | | 83.5 | | 61.5 | | 68.1 | | 56.6 | | 11.8 | | 49.4 | |
| WB0359 | 8/10/2010 | Non-Ref | 351\_0 | 53.5 | | 2.5 | | 53.0 | | 96.8 | | 33.1 | | 43.5 | | 100 | | 45.7 | |
| WB0359 | 8/10/2010 | Non-Ref | 351\_1 | 40.6 | | 0.6 | | 53.0 | | 70.3 | | 35.8 | | 11.3 | | 67.9 | | 45.6 | |
| WB0365 | 9/1/2010 | Non-Ref | 356\_0 | 57.3 | | 78.0 | | 73.3 | | 38.5 | | 61.0 | | 30.9 | | 52.5 | | 66.6 | |
| WB0365 | 9/1/2010 | Non-Ref | 356\_1 | 47.8 | | 99.5 | | 57.5 | | 33.1 | | 91.8 | | 18.5 | | 18.3 | | 15.9 | |
| MRW0181 | 9/29/2010 | Reference | 363\_0 | 45.8 | | 18.2 | | 45.2 | | 79.8 | | 34.1 | | 57.6 | | 37.9 | | 48.0 | |
| MRW0181 | 9/29/2010 | Reference | 363\_1 | 48.9 | | 18.8 | | 61.0 | | 59.1 | | 17.5 | | 51.1 | | 63.4 | | 71.2 | |
| WB0323 | 8/31/2010 | Degraded | 381\_0 | 52.2 | | 25.0 | | 57.8 | | 75.5 | | 45.9 | | 35.1 | | 57.9 | | 68.3 | |
| WB0323 | 8/31/2010 | Degraded | 381\_1 | 31.4 | | 28.9 | | 10.3 | | 40.3 | | 45.3 | | 2.2 | | 66.9 | | 25.7 | |
| SR0068 | 9/20/2010 | Non-Ref | 385\_0 | 55.5 | | 66.2 | | 100 | | 73.0 | | 21.9 | | 52.0 | | 22.1 | | 53.0 | |
| SR0068 | 9/20/2010 | Non-Ref | 385\_1 | 55.8 | | 46.0 | | 100 | | 48.9 | | 20.8 | | 69.0 | | 48.0 | | 58.1 | |
| WB0348 | 8/9/2010 | Non-Ref | 393\_0 | 28.6 | | 5.6 | | 31.8 | | 22.8 | | 48.4 | | 7.3 | | 72.0 | | 12.6 | |
| WB0348 | 8/9/2010 | Non-Ref | 393\_1 | 20.7 | | 3.7 | | 31.8 | | 27.2 | | 43.6 | | 0.0 | | 38.5 | | 0.0 | |
| MRW0177 | 9/2/2010 | Non-Ref | 405\_0 | 32.3 | | 25.8 | | 41.8 | | 40.7 | | 24.4 | | 18.0 | | 63.0 | | 12.2 | |
| MRW0177 | 9/2/2010 | Non-Ref | 405\_1 | 39.2 | | 32.0 | | 41.8 | | 53.2 | | 19.6 | | 15.2 | | 94.7 | | 17.8 | |
| WB0340 | 10/11/2010 | Non-Ref | 414\_0 | 47.8 | | 38.1 | | 46.3 | | 61.3 | | 63.6 | | 45.9 | | 44.6 | | 34.6 | |
| WB0340 | 10/11/2010 | Non-Ref | 414\_1 | 53.7 | | 38.7 | | 14.6 | | 87.8 | | 64.4 | | 49.8 | | 76.1 | | 44.6 | |
| NGP0225 | 6/21/2011 | Reference | 427\_0 | 43.8 | | 14.0 | | 71.0 | | 48.0 | | 29.9 | | 33.1 | | 57.6 | | 53.4 | |
| NGP0225 | 6/21/2011 | Reference | 427\_1 | 36.0 | | 16.0 | | 23.5 | | 57.3 | | 26.1 | | 18.0 | | 53.9 | | 57.2 | |
| NGP0232 | 7/27/2011 | Non-Ref | 435\_0 | 40.6 | | 52.2 | | 38.7 | | 22.1 | | 18.4 | | 0.0 | | 52.7 | | 100 | |
| NGP0232 | 7/27/2011 | Non-Ref | 435\_1 | 43.1 | | 59.2 | | 86.1 | | 8.6 | | 14.9 | | 0.0 | | 52.7 | | 80.0 | |
| WB0378 | 9/27/2011 | Non-Ref | 443\_0 | 43.5 | | 20.5 | | 49.5 | | 36.0 | | 48.0 | | 49.5 | | 35.5 | | 65.3 | |
| WB0378 | 9/27/2011 | Non-Ref | 443\_1 | 51.5 | | 16.6 | | 100 | | 46.5 | | 44.1 | | 47.0 | | 20.0 | | 86.6 | |
| MRE0030 | 8/16/2011 | Non-Ref | 451\_0 | 44.2 | | 11.2 | | 32.2 | | 77.1 | | 32.8 | | 61.9 | | 37.7 | | 56.3 | |
| MRE0030 | 8/16/2011 | Non-Ref | 451\_1 | 37.6 | | 12.3 | | 63.8 | | 55.8 | | 30.2 | | 35.1 | | 20.8 | | 44.9 | |
| MRE0029 | 9/21/2011 | Degraded | 463\_0 | 46.4 | | 20.5 | | 31.1 | | 63.7 | | 68.1 | | 58.5 | | 22.2 | | 60.8 | |
| MRE0029 | 9/21/2011 | Degraded | 463\_1 | 53.1 | | 25.0 | | 0.0 | | 98.2 | | 80.3 | | 67.4 | | 25.6 | | 75.0 | |
| NGP0239 | 9/29/2011 | Non-Ref | 467\_0 | 42.7 | | 20.8 | | 47.8 | | 63.2 | | 14.1 | | 51.1 | | 42.6 | | 59.3 | |
| NGP0239 | 9/29/2011 | Non-Ref | 467\_1 | 47.1 | | 14.0 | | 63.6 | | 83.9 | | 5.7 | | 72.4 | | 28.2 | | 62.1 | |
| MRW0187 | 8/10/2011 | Reference | 473\_0 | 58.4 | | 42.3 | | 81.0 | | 79.7 | | 38.3 | | 49.1 | | 57.5 | | 60.8 | |
| MRW0187 | 8/10/2011 | Reference | 473\_1 | 48.8 | | 47.1 | | 33.5 | | 66.5 | | 27.1 | | 42.2 | | 65.4 | | 60.1 | |
| MREI1 | 10/4/2012 | Non-Ref | 484\_0 | 52.6 | | 6.7 | | 71.0 | | 75.4 | | 29.1 | | 51.1 | | 62.0 | | 72.8 | |
| MREI1 | 10/4/2012 | Non-Ref | 484\_1 | 52.4 | | 10.9 | | 71.0 | | 69.5 | | 37.4 | | 45.9 | | 69.1 | | 63.2 | |
| WB0398 | 8/9/2012 | Non-Ref | 497\_0 | 23.4 | | 1.7 | | 28.5 | | 40.9 | | 36.3 | | 14.1 | | 41.4 | | 0.8 | |
| WB0398 | 8/9/2012 | Non-Ref | 497\_1 | 22.4 | | 3.1 | | 28.5 | | 51.1 | | 28.3 | | 7.0 | | 39.1 | | 0.0 | |
| MRC6 | 10/9/2012 | Reference | 504\_0 | 64.5 | | 69.0 | | 73.3 | | 88.9 | | 52.3 | | 51.1 | | 43.5 | | 73.2 | |
| MRC6 | 10/9/2012 | Reference | 504\_1 | 60.4 | | 66.7 | | 57.5 | | 69.4 | | 56.8 | | 39.4 | | 84.7 | | 48.2 | |
| WB0385 | 8/1/2012 | Non-Ref | 506\_0 | 47.4 | | 9.5 | | 57.0 | | 78.0 | | 35.5 | | 71.7 | | 21.6 | | 58.1 | |
| WB0385 | 8/1/2012 | Non-Ref | 506\_1 | 43.3 | | 7.9 | | 88.6 | | 76.1 | | 25.9 | | 62.6 | | 17.1 | | 24.7 | |
| WB88 | 10/10/2012 | Reference | 515\_0 | 52.9 | | 72.6 | | 66.3 | | 65.0 | | 38.9 | | 42.2 | | 39.6 | | 46.1 | |
| WB88 | 10/10/2012 | Reference | 515\_1 | 49.4 | | 74.6 | | 34.6 | | 86.1 | | 8.9 | | 74.6 | | 12.8 | | 54.1 | |
| WB0346 | 8/5/2013 | Non-Ref | 616\_0 | 39.5 | | 11.4 | | 58.5 | | 57.6 | | 36.6 | | 27.7 | | 78.1 | | 6.7 | |
| WB0346 | 8/5/2013 | Non-Ref | 616\_1 | 28.5 | | 6.3 | | 42.7 | | 62.6 | | 19.3 | | 0.0 | | 68.6 | | 0.0 | |
| WB0398 | 8/7/2013 | Non-Ref | 621\_0 | 31.0 | | 0.0 | | 28.5 | | 74.4 | | 45.2 | | 25.2 | | 43.4 | | 0.0 | |
| WB0398 | 8/7/2013 | Non-Ref | 621\_1 | 23.3 | | 0.0 | | 60.1 | | 30.9 | | 37.7 | | 16.3 | | 18.0 | | 0.0 | |
| WB0386 | 7/31/2013 | Non-Ref | 630\_0 | 12.9 | | 1.3 | | 17.4 | | 0.0 | | 0.0 | | 27.7 | | 44.1 | | 0.0 | |
| WB0386 | 7/31/2013 | Non-Ref | 630\_1 | 22.0 | | 0.0 | | 1.6 | | 45.2 | | 7.1 | | 48.4 | | 51.5 | | 0.0 | |
| WB0413 | 9/9/2013 | Non-Ref | 635\_0 | 52.1 | | 37.4 | | 48.0 | | 78.8 | | 63.8 | | 52.9 | | 39.8 | | 43.8 | |
| WB0413 | 9/9/2013 | Non-Ref | 635\_1 | 55.0 | | 40.6 | | 79.7 | | 82.0 | | 74.8 | | 49.1 | | 7.8 | | 51.2 | |
| MRC16 | 10/2/2013 | Reference | 646\_0 | 60.0 | | 55.1 | | 69.9 | | 71.3 | | 40.7 | | 49.1 | | 62.3 | | 71.8 | |
| MRC16 | 10/2/2013 | Reference | 646\_1 | 56.7 | | 67.8 | | 54.0 | | 97.7 | | 58.0 | | 56.6 | | 9.6 | | 53.3 | |
| WB202 | 8/13/2013 | Non-Ref | 648\_0 | 60.1 | | 22.0 | | 75.3 | | 63.0 | | 72.1 | | 77.3 | | 31.8 | | 79.6 | |
| WB202 | 8/13/2013 | Non-Ref | 648\_1 | 63.6 | | 17.9 | | 91.1 | | 65.9 | | 71.9 | | 69.7 | | 69.6 | | 59.0 | |
| MRC38 | 10/8/2014 | Reference | 816\_0 | 80.1 | | 100 | | 90.4 | | 100 | | 44.2 | | 61.1 | | 77.9 | | 87.3 | |
| MRC38 | 10/8/2014 | Reference | 816\_1 | 71.5 | | 91.4 | | 42.9 | | 86.1 | | 50.5 | | 69.7 | | 95.5 | | 64.6 | |
| MRW35 | 9/24/2014 | Reference | 823\_0 | 45.3 | | 7.4 | | 34.0 | | 64.7 | | 34.3 | | 53.5 | | 60.5 | | 62.7 | |
| MRW35 | 9/24/2014 | Reference | 823\_1 | 56.8 | | 5.7 | | 65.6 | | 100 | | 32.8 | | 81.8 | | 46.7 | | 65.1 | |
| WB5 | 10/9/2014 | Reference | 832\_0 | 56.1 | | 47.3 | | 54.5 | | 74.7 | | 49.2 | | 63.3 | | 43.8 | | 60.3 | |
| WB5 | 10/9/2014 | Reference | 832\_1 | 56.8 | | 35.6 | | 38.6 | | 100 | | 49.1 | | 63.3 | | 43.8 | | 67.4 | |
| WB0443 | 8/5/2015 | Non-Ref | 949\_0 | 50.4 | | 5.6 | | 62.4 | | 79.9 | | 61.4 | | 42.2 | | 76.6 | | 24.6 | |
| WB0443 | 8/5/2015 | Non-Ref | 949\_1 | 51.4 | | 0.0 | | 62.4 | | 93.4 | | 70.9 | | 18.5 | | 68.6 | | 46.1 | |
| MRW0203 | 8/4/2015 | Non-Ref | 970\_0 | 64.6 | | 33.1 | | 57.8 | | 79.5 | | 49.0 | | 69.2 | | 84.4 | | 79.0 | |
| MRW0203 | 8/4/2015 | Non-Ref | 970\_1 | 68.2 | | 45.9 | | 73.6 | | 69.5 | | 42.5 | | 63.1 | | 100 | | 82.7 | |
| WB0450 | 8/31/2015 | Non-Ref | 981\_0 | 44.5 | | 20.5 | | 33.2 | | 67.2 | | 73.6 | | 40.9 | | 47.6 | | 28.5 | |
| WB0450 | 8/31/2015 | Non-Ref | 981\_1 | 45.1 | | 35.0 | | 49.1 | | 60.4 | | 34.9 | | 100 | | 7.3 | | 29.0 | |
| WB0457 | 10/15/2015 | Non-Ref | 991\_0 | 46.1 | | 54.9 | | 81.4 | | 75.1 | | 29.5 | | 40.9 | | 20.6 | | 19.9 | |
| WB0457 | 10/15/2015 | Non-Ref | 991\_1 | 50.3 | | 58.1 | | 65.5 | | 75.1 | | 25.7 | | 55.6 | | 60.9 | | 11.3 | |
| WB0466 | 8/17/2016 | Non-Ref | 997\_0 | 51.4 | | 10.0 | | 43.5 | | 78.3 | | 34.3 | | 53.9 | | 55.0 | | 84.6 | |
| WB0466 | 8/17/2016 | Non-Ref | 997\_1 | 49.2 | | 4.4 | | 91.0 | | 34.0 | | 28.5 | | 57.6 | | 52.0 | | 76.9 | |
| WB0462 | 8/30/2016 | Non-Ref | 1003\_0 | 63.2 | | 44.2 | | 70.1 | | 67.8 | | 39.4 | | 66.1 | | 72.7 | | 82.2 | |
| WB0462 | 8/30/2016 | Non-Ref | 1003\_1 | 66.9 | | 54.8 | | 100 | | 85.5 | | 47.6 | | 60.3 | | 46.8 | | 72.9 | |
| SR0092 | 9/13/2016 | Reference | 1007\_0 | 68.1 | | 30.7 | | 57.0 | | 80.1 | | 59.4 | | 87.8 | | 84.4 | | 77.6 | |
| SR0092 | 9/13/2016 | Reference | 1007\_1 | 65.4 | | 16.8 | | 25.3 | | 95.3 | | 42.9 | | 85.5 | | 95.0 | | 97.0 | |
| WB0476 | 8/2/2016 | Non-Ref | 1020\_0 | 73.4 | | 53.1 | | 69.3 | | 88.7 | | 40.7 | | 70.2 | | 100 | | 92.0 | |
| WB0476 | 8/2/2016 | Non-Ref | 1020\_1 | 58.7 | | 63.3 | | 53.5 | | 65.2 | | 38.0 | | 55.4 | | 68.6 | | 67.0 | |
| SR0099 | 8/23/2016 | Non-Ref | 1027\_0 | 66.8 | | 44.0 | | 0.0 | | 100 | | 23.3 | | 100 | | 100 | | 100 | |
| SR0099 | 8/23/2016 | Non-Ref | 1027\_1 | 56.8 | | 30.3 | | 0.0 | | 88.7 | | 23.1 | | 68.2 | | 100 | | 87.0 | |
| MRW0206 | 9/7/2016 | Non-Ref | 1030\_0 | 66.1 | | 50.4 | | 17.3 | | 80.2 | | 47.1 | | 81.3 | | 99.7 | | 86.4 | |
| MRW0206 | 9/7/2016 | Non-Ref | 1030\_1 | 74.9 | | 54.3 | | 17.3 | | 100 | | 52.8 | | 100 | | 100 | | 99.7 | |
| NGP0258 | 7/12/2016 | Non-Ref | 1036\_0 | 50.2 | | 0.0 | | 81.6 | | 57.9 | | 25.0 | | 54.6 | | 75.7 | | 56.7 | |
| NGP0258 | 7/12/2016 | Non-Ref | 1036\_1 | 54.0 | | 0.8 | | 65.7 | | 73.7 | | 20.4 | | 71.1 | | 72.9 | | 73.1 | |
| WHP0062 | 8/16/2016 | Non-Ref | 1042\_0 | 36.8 | | 3.1 | | 24.3 | | 96.2 | | 26.2 | | 62.6 | | 10.9 | | 34.3 | |
| WHP0062 | 8/16/2016 | Non-Ref | 1042\_1 | 34.9 | | 3.9 | | 56.0 | | 58.1 | | 26.0 | | 59.0 | | 13.3 | | 28.3 | |
| WB0490 | 7/17/2017 | Non-Ref | 1096\_0 | 36.6 | | 2.8 | | 33.1 | | 77.4 | | 36.3 | | 15.2 | | 48.5 | | 42.9 | |
| WB0490 | 7/17/2017 | Non-Ref | 1096\_1 | 40.4 | | 0.0 | | 33.1 | | 85.5 | | 27.2 | | 31.9 | | 50.6 | | 54.4 | |
| SR0106 | 8/30/2017 | Reference | 1102\_0 | 54.3 | | 20.4 | | 33.5 | | 75.2 | | 63.4 | | 64.7 | | 81.8 | | 41.1 | |
| SR0106 | 8/30/2017 | Reference | 1102\_1 | 48.7 | | 30.0 | | 1.8 | | 84.3 | | 62.9 | | 79.5 | | 49.2 | | 33.1 | |
| WB26 | 9/26/2017 | Reference | 1114\_0 | 70.0 | | 52.7 | | 49.3 | | 75.9 | | 52.1 | | 83.3 | | 95.0 | | 81.8 | |
| WB26 | 9/26/2017 | Reference | 1114\_1 | 53.7 | | 51.8 | | 65.2 | | 56.6 | | 38.4 | | 81.8 | | 53.3 | | 28.7 | |
| MRW0200 | 8/22/2017 | Non-Ref | 1117\_0 | 61.1 | | 3.8 | | 0.0 | | 92.6 | | 31.4 | | 100 | | 100 | | 100 | |
| MRW0200 | 8/22/2017 | Non-Ref | 1117\_1 | 71.7 | | 14.0 | | 47.2 | | 92.6 | | 48.1 | | 100 | | 100 | | 100 | |
| WB0492 | 7/17/2018 | Non-Ref | 1185\_0 | 52.0 | | 4.0 | | 80.7 | | 94.0 | | 37.8 | | 42.2 | | 13.4 | | 92.1 | |
| WB0492 | 7/17/2018 | Non-Ref | 1185\_1 | 57.0 | | 2.9 | | 96.5 | | 100 | | 33.4 | | 52.9 | | 13.4 | | 100 | |
| SR0107 | 8/13/2018 | Non-Ref | 1188\_0 | 57.3 | | 34.5 | | 96.5 | | 86.2 | | 38.1 | | 65.6 | | 10.5 | | 70.0 | |
| SR0107 | 8/13/2018 | Non-Ref | 1188\_1 | 51.7 | | 31.2 | | 80.7 | | 59.7 | | 45.2 | | 70.4 | | 4.0 | | 70.9 | |
| MRWI41 | 8/21/2018 | Reference | 1194\_0 | 67.9 | | 72.2 | | 24.1 | | 82.8 | | 90.0 | | 63.3 | | 65.9 | | 77.1 | |
| MRWI41 | 8/21/2018 | Reference | 1194\_1 | 66.5 | | 72.4 | | 39.9 | | 100 | | 99.3 | | 52.0 | | 30.1 | | 71.6 | |
| WB26 | 9/19/2018 | Reference | 1205\_0 | 60.4 | | 10.5 | | 49.3 | | 80.9 | | 25.4 | | 100 | | 82.6 | | 73.8 | |
| WB26 | 9/19/2018 | Reference | 1205\_1 | 39.9 | | 26.9 | | 49.3 | | 70.4 | | 11.5 | | 54.6 | | 3.9 | | 63.0 | |
| WB0346 | 8/1/2018 | Non-Ref | 1214\_0 | 49.5 | | 35.8 | | 26.9 | | 51.5 | | 75.8 | | 47.0 | | 67.2 | | 42.2 | |
| WB0346 | 8/1/2018 | Non-Ref | 1214\_1 | 40.3 | | 20.6 | | 11.1 | | 52.5 | | 53.8 | | 26.6 | | 85.7 | | 31.9 | |
| WB0311 | 9/17/2019 | Non-Ref | 1315\_0 | 51.2 | | 41.2 | | 11.8 | | 65.3 | | 85.2 | | 54.6 | | 59.8 | | 40.7 | |
| WB0311 | 9/17/2019 | Non-Ref | 1315\_1 | 46.8 | | 45.4 | | 43.4 | | 36.0 | | 91.4 | | 13.3 | | 57.9 | | 40.2 | |
| WB25 | 8/19/2019 | Reference | 1322\_0 | 66.2 | | 43.1 | | 52.7 | | 91.0 | | 73.1 | | 71.9 | | 56.9 | | 74.9 | |
| WB25 | 8/19/2019 | Reference | 1322\_1 | 63.6 | | 39.5 | | 68.5 | | 96.8 | | 71.3 | | 51.8 | | 45.7 | | 71.4 | |
| WB205 | 8/12/2020 | Non-Ref | 1502\_0 | 75.9 | | 19.6 | | 90.7 | | 91.3 | | 58.5 | | 71.1 | | 100 | | 100 | |
| WB205 | 8/12/2020 | Non-Ref | 1502\_1 | 76.9 | | 33.0 | | 74.8 | | 100 | | 66.5 | | 63.7 | | 100 | | 100 | |
| WB0281 | 7/16/2007 | Non-Ref | 148\_0 | 53.0 | | 5.5 | | 63.5 | | 78.3 | | 100 | | 45.5 | | 15.2 | | 62.6 | |
| WB0282 | 7/16/2007 | Degraded | 149\_0 | 39.8 | | 0.1 | | 65.9 | | 50.4 | | 87.7 | | 27.3 | | 21.7 | | 25.4 | |
| WB0283 | 7/17/2007 | Degraded | 150\_0 | 44.7 | | 100 | | 54.1 | | 79.6 | | 20.9 | | 0.0 | | 42.5 | | 15.8 | |
| WB0284 | 7/18/2007 | Non-Ref | 151\_0 | 46.4 | | 89.6 | | 54.3 | | 19.9 | | 15.7 | | 52.9 | | 49.9 | | 42.8 | |
| WB0285 | 7/23/2007 | Non-Ref | 152\_0 | 50.1 | | 20.8 | | 53.7 | | 65.4 | | 13.8 | | 15.2 | | 95.7 | | 86.3 | |
| SR0054 | 7/24/2007 | Reference | 153\_0 | 52.9 | | 100 | | 56.9 | | 63.8 | | 13.8 | | 27.3 | | 61.7 | | 46.6 | |
| WB184 | 8/20/2007 | Degraded | 154\_0 | 25.7 | | 4.3 | | 0.4 | | 51.9 | | 41.7 | | 33.8 | | 16.8 | | 31.1 | |
|  |  |  | 155\_1 | 38.9 | | 25.5 | | 32.0 | | 56.3 | | 40.2 | | 49.1 | | 16.0 | | 53.3 | |
| WB223 | 8/20/2007 | Degraded | 156\_0 | 27.3 | | 7.9 | | 0.0 | | 56.5 | | 39.1 | | 39.4 | | 17.3 | | 31.1 | |
| SR23 | 8/28/2007 | Reference | 157\_0 | 55.8 | | 28.9 | | 67.1 | | 77.9 | | 28.5 | | 65.3 | | 54.3 | | 68.4 | |
| WB0286 | 8/29/2007 | Non-Ref | 158\_0 | 34.3 | | 20.4 | | 46.9 | | 41.8 | | 20.8 | | 50.3 | | 20.9 | | 38.6 | |
| SR8 | 9/6/2007 | Reference | 159\_0 | 58.6 | | 71.2 | | 47.7 | | 78.3 | | 30.2 | | 78.1 | | 37.5 | | 67.2 | |
| WB0287 | 9/11/2007 | Reference | 161\_0 | 55.3 | | 57.8 | | 51.4 | | 71.5 | | 82.4 | | 36.4 | | 38.9 | | 48.5 | |
| WHP0044 | 9/18/2007 | Reference | 162\_0 | 67.4 | | 44.9 | | 71.0 | | 83.8 | | 38.2 | | 72.9 | | 86.6 | | 74.2 | |
| SR29 | 9/19/2007 | Reference | 163\_0 | 53.8 | | 29.5 | | 55.4 | | 77.2 | | 20.2 | | 71.1 | | 57.5 | | 65.9 | |
| SR28 | 9/20/2007 | Non-Ref | 164\_0 | 39.0 | | 35.4 | | 39.6 | | 66.2 | | 29.6 | | 42.2 | | 1.6 | | 58.2 | |
| SRI14 | 9/25/2007 | Reference | 165\_0 | 49.8 | | 19.8 | | 66.5 | | 61.7 | | 24.4 | | 34.2 | | 84.1 | | 58.1 | |
| SRI11 | 9/26/2007 | Reference | 166\_0 | 58.8 | | 69.4 | | 55.3 | | 66.3 | | 32.3 | | 66.5 | | 54.2 | | 67.7 | |
| SR12 | 9/27/2007 | Reference | 167\_0 | 70.3 | | 100 | | 50.2 | | 87.4 | | 78.5 | | 66.5 | | 42.8 | | 66.6 | |
| WHP13 | 10/3/2007 | Non-Ref | 168\_0 | 12.5 | | 7.7 | | 20.3 | | 27.2 | | 25.8 | | 0.0 | | 6.3 | | 0.0 | |
| WHP12 | 10/5/2007 | Degraded | 170\_0 | 14.2 | | 0.0 | | 15.0 | | 26.0 | | 16.7 | | 5.3 | | 0.0 | | 36.6 | |
| WHP0046 | 10/9/2007 | Degraded | 172\_0 | 2.2 | | 0.0 | | 0.0 | | 14.4 | | 0.0 | | 0.0 | | 0.0 | | 0.8 | |
| WHP11 | 10/10/2007 | Non-Ref | 173\_0 | 3.8 | | 10.6 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 15.9 | |
| WHPI11 | 10/10/2007 | Degraded | 174\_0 | 8.7 | | 5.9 | | 0.0 | | 39.0 | | 10.4 | | 0.0 | | 0.0 | | 5.7 | |
| WB0290 | 8/22/2007 | Degraded | 175\_0 | 51.0 | | 18.8 | | 20.2 | | 73.1 | | 22.9 | | 64.7 | | 71.1 | | 85.9 | |
| WB0289 | 8/23/2007 | Degraded | 176\_0 | 41.6 | | 28.3 | | 32.5 | | 71.0 | | 21.5 | | 38.0 | | 42.6 | | 57.5 | |
| WB0288 | 8/23/2007 | Non-Ref | 177\_0 | 51.8 | | 93.2 | | 32.5 | | 70.1 | | 18.9 | | 52.9 | | 53.5 | | 41.8 | |
| MRC0114 | 8/29/2007 | Non-Ref | 178\_0 | 57.7 | | 100 | | 32.8 | | 93.6 | | 21.2 | | 26.6 | | 63.9 | | 66.1 | |
| MRC0115 | 8/30/2007 | Non-Ref | 179\_0 | 43.8 | | 29.6 | | 87.5 | | 65.3 | | 24.4 | | 40.0 | | 24.4 | | 35.2 | |
| MRW69 | 9/4/2007 | Reference | 180\_0 | 54.4 | | 38.8 | | 54.4 | | 78.5 | | 27.7 | | 43.5 | | 62.9 | | 74.9 | |
| MRW18 | 9/5/2007 | Reference | 181\_0 | 53.9 | | 24.8 | | 48.9 | | 97.2 | | 12.8 | | 52.3 | | 61.3 | | 79.9 | |
| MRW67 | 9/10/2007 | Reference | 182\_0 | 64.7 | | 37.7 | | 78.3 | | 73.9 | | 54.0 | | 68.2 | | 70.2 | | 70.9 | |
| MRE1 | 9/17/2007 | Reference | 184\_0 | 46.0 | | 10.7 | | 41.0 | | 63.6 | | 27.7 | | 26.1 | | 96.6 | | 56.4 | |
| MRE0023 | 9/18/2007 | Non-Ref | 185\_0 | 33.4 | | 19.0 | | 3.7 | | 78.0 | | 37.9 | | 18.5 | | 28.9 | | 48.1 | |
| MRE7 | 9/18/2007 | Reference | 186\_0 | 53.8 | | 22.2 | | 50.8 | | 100 | | 44.3 | | 43.9 | | 60.5 | | 55.0 | |
| MREI1 | 9/19/2007 | Non-Ref | 187\_0 | 52.0 | | 6.7 | | 100 | | 86.2 | | 18.7 | | 40.9 | | 55.8 | | 55.7 | |
| MRE11 | 9/25/2007 | Reference | 188\_0 | 54.1 | | 25.8 | | 66.3 | | 81.5 | | 33.0 | | 57.6 | | 37.2 | | 77.2 | |
| MRE0024 | 9/25/2007 | Non-Ref | 189\_0 | 56.4 | | 10.1 | | 37.8 | | 100 | | 26.7 | | 70.4 | | 73.1 | | 76.5 | |
| MRC24 | 10/10/2007 | Reference | 192\_0 | 58.9 | | 53.3 | | 54.9 | | 67.2 | | 53.2 | | 80.1 | | 44.0 | | 59.7 | |
| MRC18 | 10/17/2007 | Reference | 193\_0 | 45.0 | | 4.6 | | 48.6 | | 62.2 | | 26.3 | | 100 | | 49.3 | | 23.7 | |
| MRE13 | 10/30/2007 | Non-Ref | 195\_0 | 64.8 | | 13.9 | | 95.6 | | 77.0 | | 27.9 | | 84.9 | | 71.5 | | 82.6 | |
| MRWI41 | 9/25/2007 | Reference | 196\_0 | 63.4 | | 78.5 | | 100 | | 42.6 | | 93.6 | | 61.9 | | 37.9 | | 29.6 | |
| WB47 | 10/1/2007 | Degraded | 197\_0 | 49.5 | | 100 | | 38.9 | | 32.6 | | 71.9 | | 45.5 | | 10.5 | | 47.2 | |
| MRW0161 | 10/2/2007 | Non-Ref | 198\_0 | 52.6 | | 51.8 | | 83.8 | | 52.4 | | 30.4 | | 31.3 | | 70.9 | | 47.6 | |
| MRW0160 | 10/10/2007 | Non-Ref | 200\_0 | 34.6 | | 14.7 | | 31.5 | | 33.5 | | 4.0 | | 40.9 | | 71.3 | | 46.6 | |
| WB0294 | 7/16/2007 | Non-Ref | 203\_0 | 25.6 | | 40.4 | | 0.0 | | 54.5 | | 20.3 | | 7.0 | | 15.7 | | 41.2 | |
| WB0295 | 7/18/2007 | Reference | 204\_0 | 42.7 | | 60.5 | | 63.6 | | 48.4 | | 15.4 | | 29.4 | | 33.9 | | 47.6 | |
| WB0298 | 7/24/2007 | Non-Ref | 205\_0 | 37.7 | | 38.7 | | 59.9 | | 0.0 | | 24.2 | | 65.9 | | 17.6 | | 57.8 | |
| WB92 | 8/15/2007 | Non-Ref | 206\_0 | 39.4 | | 28.4 | | 56.9 | | 66.6 | | 30.3 | | 45.5 | | 17.1 | | 30.9 | |
| WB0301 | 8/14/2007 | Non-Ref | 207\_0 | 35.8 | | 28.7 | | 56.1 | | 59.6 | | 25.9 | | 29.4 | | 4.4 | | 46.4 | |
| WBI06 | 8/9/2007 | Degraded | 208\_0 | 37.7 | | 60.5 | | 71.1 | | 35.6 | | 25.4 | | 23.3 | | 20.6 | | 27.6 | |
| WB90 | 8/8/2007 | Non-Ref | 209\_0 | 33.5 | | 0.4 | | 34.8 | | 53.9 | | 0.0 | | 69.0 | | 46.7 | | 29.9 | |
| MRW0158 | 8/27/2007 | Non-Ref | 210\_0 | 58.5 | | 44.7 | | 39.5 | | 100 | | 27.4 | | 100 | | 38.6 | | 58.9 | |
| MRW1 | 8/28/2007 | Reference | 211\_0 | 54.3 | | 34.3 | | 55.2 | | 81.1 | | 32.2 | | 51.1 | | 59.4 | | 67.0 | |
| MRW20 | 9/10/2007 | Reference | 212\_0 | 55.9 | | 42.1 | | 55.8 | | 68.6 | | 34.9 | | 75.5 | | 65.4 | | 48.7 | |
| MRW48 | 9/11/2007 | Reference | 213\_0 | 77.5 | | 58.7 | | 63.3 | | 95.8 | | 39.2 | | 100 | | 90.6 | | 94.8 | |
| MRW66 | 9/24/2007 | Reference | 214\_0 | 52.3 | | 40.4 | | 64.5 | | 70.1 | | 28.6 | | 47.7 | | 58.1 | | 56.4 | |
| NGP0216 | 6/12/2008 | Non-Ref | 215\_0 | 37.6 | | 15.0 | | 8.9 | | 96.2 | | 37.7 | | 1.1 | | 34.2 | | 70.2 | |
| WB0282 | 7/14/2008 | Degraded | 216\_0 | 20.8 | | 0.0 | | 2.6 | | 12.7 | | 22.0 | | 3.7 | | 48.0 | | 56.8 | |
| WB0283 | 7/15/2008 | Degraded | 217\_0 | 51.9 | | 65.5 | | 100 | | 48.5 | | 20.8 | | 52.0 | | 34.1 | | 42.4 | |
| WB0284 | 7/16/2008 | Non-Ref | 218\_0 | 59.4 | | 100 | | 38.5 | | 63.1 | | 24.6 | | 56.1 | | 77.6 | | 56.0 | |
| WB0285 | 7/17/2008 | Non-Ref | 219\_0 | 60.9 | | 96.7 | | 69.6 | | 60.3 | | 36.5 | | 49.8 | | 64.4 | | 49.3 | |
| NGP187 | 8/14/2008 | Reference | 220\_0 | 64.8 | | 33.4 | | 98.9 | | 90.4 | | 41.8 | | 70.2 | | 49.0 | | 70.0 | |
| WB222 | 8/25/2008 | Degraded | 221\_0 | 33.2 | | 20.9 | | 0.0 | | 57.9 | | 36.0 | | 25.8 | | 42.0 | | 49.6 | |
| WB184 | 8/25/2008 | Degraded | 222\_0 | 53.3 | | 30.1 | | 16.2 | | 69.4 | | 38.9 | | 55.4 | | 89.9 | | 73.3 | |
| WHP0052 | 9/3/2008 | Non-Ref | 224\_0 | 44.0 | | 17.5 | | 70.0 | | 52.2 | | 17.8 | | 41.1 | | 61.6 | | 47.5 | |
| SR0056 | 9/8/2008 | Reference | 225\_0 | 53.6 | | 70.4 | | 57.2 | | 85.3 | | 3.0 | | 60.3 | | 51.6 | | 47.8 | |
| SR0057 | 9/15/2008 | Non-Ref | 226\_0 | 59.4 | | 67.5 | | 97.3 | | 94.9 | | 26.1 | | 70.4 | | 23.4 | | 36.3 | |
| SR0058 | 9/16/2008 | Reference | 227\_0 | 51.0 | | 64.4 | | 73.2 | | 66.0 | | 24.3 | | 36.4 | | 43.5 | | 49.3 | |
| SRI4 | 9/17/2008 | Degraded | 229\_0 | 36.0 | | 19.3 | | 29.8 | | 81.6 | | 32.9 | | 57.6 | | 0.0 | | 31.0 | |
| SRI3 | 9/17/2008 | Degraded | 230\_0 | 22.4 | | 2.5 | | 0.0 | | 27.7 | | 21.7 | | 47.0 | | 57.5 | | 0.0 | |
| SR11 | 9/24/2008 | Reference | 231\_0 | 59.5 | | 37.6 | | 96.7 | | 61.4 | | 40.3 | | 60.3 | | 61.7 | | 58.3 | |
| SR19 | 10/15/2008 | Reference | 232\_0 | 50.4 | | 46.9 | | 72.6 | | 71.0 | | 48.8 | | 27.7 | | 31.9 | | 53.7 | |
| WHPI7 | 10/20/2008 | Reference | 233\_0 | 44.3 | | 8.9 | | 67.2 | | 59.4 | | 24.9 | | 37.5 | | 58.7 | | 53.3 | |
| WB0302 | 8/20/2008 | Non-Ref | 234\_0 | 24.2 | | 6.1 | | 4.3 | | 72.4 | | 24.9 | | 2.2 | | 59.1 | | 0.0 | |
| WB0303 | 8/21/2008 | Non-Ref | 235\_0 | 27.5 | | 18.4 | | 51.3 | | 32.8 | | 36.7 | | 0.3 | | 31.5 | | 21.8 | |
| WB0309 | 8/21/2008 | Non-Ref | 236\_0 | 32.3 | | 7.1 | | 28.1 | | 52.9 | | 78.0 | | 0.0 | | 60.1 | | 0.0 | |
| WB0311 | 8/21/2008 | Non-Ref | 237\_0 | 34.5 | | 14.1 | | 27.6 | | 67.2 | | 82.8 | | 11.3 | | 38.7 | | 0.0 | |
| WB0307 | 8/27/2008 | Non-Ref | 238\_0 | 36.4 | | 14.1 | | 28.3 | | 53.2 | | 86.2 | | 17.1 | | 54.9 | | 0.7 | |
| MRW45 | 8/29/2008 | Reference | 240\_0 | 60.3 | | 30.6 | | 100 | | 80.1 | | 46.3 | | 46.1 | | 62.4 | | 56.8 | |
| WB0297 | 9/3/2008 | Non-Ref | 241\_0 | 41.5 | | 54.0 | | 58.5 | | 11.7 | | 46.8 | | 38.5 | | 50.3 | | 30.6 | |
| MRC63 | 9/10/2008 | Non-Ref | 242\_0 | 65.5 | | 50.1 | | 100 | | 77.5 | | 30.6 | | 70.7 | | 71.6 | | 58.1 | |
| MRC26 | 9/11/2008 | Reference | 243\_0 | 60.6 | | 36.5 | | 58.4 | | 83.8 | | 36.1 | | 85.9 | | 55.8 | | 67.9 | |
| MRCI28 | 9/15/2008 | Non-Ref | 244\_0 | 50.7 | | 5.0 | | 51.1 | | 100 | | 25.1 | | 51.1 | | 37.9 | | 84.5 | |
| MRCI27 | 9/17/2008 | Non-Ref | 246\_0 | 46.5 | | 44.7 | | 50.6 | | 53.4 | | 55.7 | | 43.5 | | 20.3 | | 57.5 | |
| MRCI29 | 9/17/2008 | Non-Ref | 247\_0 | 67.6 | | 3.6 | | 85.8 | | 93.4 | | 15.5 | | 81.8 | | 100 | | 93.5 | |
| MRCI32 | 9/18/2008 | Degraded | 248\_0 | 26.2 | | 82.9 | | 48.2 | | 0.0 | | 37.4 | | 0.0 | | 6.1 | | 9.2 | |
| NGP0212 | 9/22/2008 | Non-Ref | 249\_0 | 13.2 | | 0.6 | | 45.6 | | 1.7 | | 0.0 | | 19.1 | | 25.4 | | 0.0 | |
| MRCI30 | 9/23/2008 | Degraded | 250\_0 | 10.0 | | 0.0 | | 21.6 | | 0.0 | | 0.0 | | 0.0 | | 42.3 | | 5.8 | |
| NGP15 | 9/23/2008 | Non-Ref | 251\_0 | 36.0 | | 7.6 | | 40.6 | | 58.3 | | 33.6 | | 34.8 | | 56.4 | | 21.0 | |
| NGP43 | 9/24/2008 | Non-Ref | 252\_0 | 39.9 | | 34.5 | | 44.9 | | 0.6 | | 68.9 | | 20.5 | | 72.0 | | 37.7 | |
| MRE0025 | 10/6/2008 | Non-Ref | 254\_0 | 74.1 | | 59.5 | | 77.8 | | 47.0 | | 76.8 | | 57.6 | | 100 | | 100 | |
| NGP0214 | 10/7/2008 | Non-Ref | 255\_0 | 11.7 | | 0.0 | | 0.0 | | 0.0 | | 11.9 | | 0.0 | | 42.9 | | 27.4 | |
| NGP1 | 10/7/2008 | Reference | 256\_0 | 32.1 | | 0.8 | | 52.6 | | 71.7 | | 0.0 | | 3.0 | | 41.5 | | 54.9 | |
| NGP0213 | 10/17/2008 | Non-Ref | 258\_0 | 45.1 | | 95.6 | | 27.2 | | 12.7 | | 100 | | 18.5 | | 50.3 | | 11.5 | |
| WB0292 | 10/23/2008 | Reference | 259\_0 | 59.7 | | 5.2 | | 63.3 | | 88.9 | | 36.3 | | 56.1 | | 98.8 | | 69.4 | |
| WB0313 | 9/8/2008 | Non-Ref | 261\_0 | 69.4 | | 36.5 | | 96.3 | | 71.7 | | 43.1 | | 74.0 | | 78.8 | | 85.5 | |
| WB106 | 9/9/2008 | Non-Ref | 262\_0 | 40.0 | | 27.3 | | 43.5 | | 97.4 | | 21.1 | | 20.5 | | 17.4 | | 52.8 | |
| WB28 | 10/6/2008 | Reference | 263\_0 | 62.3 | | 87.6 | | 63.7 | | 88.6 | | 16.7 | | 61.1 | | 56.2 | | 62.2 | |
| WB0206 | 10/20/2008 | Reference | 264\_0 | 70.6 | | 87.0 | | 62.2 | | 73.4 | | 77.8 | | 52.9 | | 74.1 | | 67.1 | |
| WB0312 | 8/12/2008 | Non-Ref | 265\_0 | 49.3 | | 29.8 | | 79.8 | | 41.0 | | 31.5 | | 37.5 | | 72.5 | | 52.8 | |
| MRW0165 | 8/19/2008 | Non-Ref | 266\_0 | 61.9 | | 45.4 | | 97.7 | | 78.7 | | 61.3 | | 69.7 | | 56.9 | | 23.9 | |
| MRW0166 | 9/15/2008 | Non-Ref | 267\_0 | 33.6 | | 13.8 | | 0.0 | | 61.2 | | 38.1 | | 44.7 | | 28.2 | | 48.9 | |
| MRW0167 | 9/30/2008 | Non-Ref | 268\_0 | 43.8 | | 48.2 | | 21.8 | | 62.9 | | 16.1 | | 40.4 | | 71.4 | | 45.4 | |
| MRW19 | 9/16/2008 | Reference | 269\_0 | 62.3 | | 66.1 | | 61.4 | | 76.3 | | 29.9 | | 53.8 | | 76.9 | | 71.9 | |
| MRW17 | 9/22/2008 | Reference | 270\_0 | 58.6 | | 50.3 | | 49.2 | | 65.3 | | 42.4 | | 44.7 | | 85.5 | | 73.0 | |
| MRW9 | 8/18/2008 | Reference | 271\_0 | 74.6 | | 94.5 | | 47.5 | | 77.9 | | 100 | | 81.3 | | 71.1 | | 50.1 | |
| MRW5 | 10/15/2008 | Reference | 272\_0 | 51.8 | | 31.0 | | 51.2 | | 66.8 | | 57.2 | | 26.1 | | 76.4 | | 54.0 | |
| WB0279 | 7/22/2008 | Reference | 273\_0 | 57.5 | | 69.5 | | 56.7 | | 70.6 | | 12.0 | | 40.0 | | 77.9 | | 75.9 | |
| WB0280 | 7/23/2008 | Reference | 276\_0 | 41.3 | | 10.2 | | 43.5 | | 68.8 | | 41.6 | | 13.3 | | 68.3 | | 43.4 | |
| WHP13 | 10/7/2008 | Non-Ref | 277\_0 | 44.9 | | 10.7 | | 51.9 | | 89.6 | | 29.2 | | 36.4 | | 29.9 | | 66.8 | |
| WHP0051 | 10/8/2008 | Degraded | 278\_0 | 12.8 | | 1.3 | | 15.3 | | 38.1 | | 0.0 | | 27.7 | | 0.0 | | 7.0 | |
| WHP12 | 10/8/2008 | Degraded | 279\_0 | 21.0 | | 1.0 | | 15.0 | | 49.1 | | 5.1 | | 20.5 | | 0.0 | | 55.9 | |
| WHP0047 | 10/9/2008 | Degraded | 280\_0 | 9.7 | | 11.0 | | 0.0 | | 36.6 | | 20.4 | | 0.0 | | 0.0 | | 0.0 | |
| WHP0046 | 10/10/2008 | Degraded | 281\_0 | 10.9 | | 0.0 | | 15.0 | | 28.4 | | 0.0 | | 0.0 | | 24.0 | | 8.9 | |
| WHP11 | 10/13/2008 | Non-Ref | 282\_0 | 1.1 | | 7.6 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.4 | |
| WHPI11 | 10/14/2008 | Degraded | 283\_0 | 6.6 | | 7.1 | | 0.0 | | 27.0 | | 9.1 | | 0.0 | | 3.3 | | 0.0 | |
| WB0329 | 6/22/2009 | Reference | 284\_0 | 55.4 | | 10.6 | | 87.6 | | 85.8 | | 19.3 | | 29.4 | | 67.9 | | 87.3 | |
| WB0239 | 6/23/2009 | Non-Ref | 285\_0 | 44.1 | | 10.8 | | 64.8 | | 77.6 | | 4.9 | | 30.9 | | 85.1 | | 34.6 | |
| WB0330 | 6/24/2009 | Reference | 286\_0 | 60.9 | | 96.2 | | 44.1 | | 61.1 | | 100 | | 14.1 | | 58.0 | | 53.0 | |
| WB25 | 7/20/2009 | Reference | 287\_0 | 67.9 | | 78.4 | | 52.7 | | 68.2 | | 75.4 | | 47.0 | | 100 | | 53.5 | |
| MRW0130 | 7/27/2009 | Reference | 288\_0 | 76.8 | | 70.7 | | 63.4 | | 92.8 | | 100 | | 74.6 | | 58.6 | | 77.8 | |
| WB90 | 8/4/2009 | Non-Ref | 289\_0 | 18.9 | | 0.0 | | 34.8 | | 0.0 | | 0.0 | | 2.2 | | 71.1 | | 24.0 | |
| WBI06 | 8/5/2009 | Degraded | 290\_0 | 33.8 | | 3.3 | | 55.3 | | 41.3 | | 32.2 | | 16.3 | | 74.0 | | 14.2 | |
| WB0301 | 8/6/2009 | Non-Ref | 291\_0 | 21.3 | | 0.8 | | 71.9 | | 14.3 | | 27.4 | | 0.0 | | 29.2 | | 5.7 | |
| MRW0149 | 8/24/2009 | Reference | 293\_0 | 53.7 | | 38.8 | | 75.2 | | 59.4 | | 27.5 | | 26.6 | | 73.7 | | 74.3 | |
| MRW0169 | 8/26/2009 | Reference | 294\_0 | 63.5 | | 53.0 | | 71.9 | | 70.7 | | 86.0 | | 39.4 | | 53.2 | | 70.0 | |
| MRW0170 | 8/31/2009 | Reference | 295\_0 | 45.4 | | 13.4 | | 30.6 | | 67.0 | | 40.3 | | 60.3 | | 61.2 | | 44.8 | |
| MRW0171 | 9/14/2009 | Non-Ref | 297\_0 | 43.8 | | 37.9 | | 100 | | 65.5 | | 31.9 | | 38.5 | | 0.0 | | 32.6 | |
| MRW0154 | 9/15/2009 | Non-Ref | 298\_0 | 53.1 | | 41.6 | | 100 | | 64.1 | | 37.5 | | 35.3 | | 51.6 | | 41.8 | |
| MRW0172 | 9/16/2009 | Non-Ref | 299\_0 | 55.1 | | 36.4 | | 100 | | 71.2 | | 46.1 | | 53.9 | | 21.7 | | 56.6 | |
| WB0332 | 9/22/2009 | Reference | 300\_0 | 47.6 | | 10.3 | | 55.3 | | 66.3 | | 27.8 | | 42.2 | | 72.2 | | 59.3 | |
| MRW4 | 10/7/2009 | Reference | 301\_0 | 61.3 | | 65.5 | | 100 | | 56.3 | | 51.3 | | 58.5 | | 60.1 | | 37.7 | |
| MRW0174 | 10/13/2009 | Non-Ref | 302\_0 | 71.5 | | 86.2 | | 42.3 | | 75.4 | | 100 | | 72.4 | | 37.8 | | 86.2 | |
| MRW25 | 10/14/2009 | Reference | 303\_0 | 52.8 | | 29.0 | | 60.0 | | 75.6 | | 59.3 | | 38.0 | | 42.7 | | 64.9 | |
| SR0060 | 7/20/2009 | Non-Ref | 305\_0 | 73.9 | | 69.5 | | 94.3 | | 83.0 | | 91.1 | | 60.3 | | 48.0 | | 71.0 | |
| WB0314 | 7/21/2009 | Non-Ref | 306\_0 | 46.7 | | 81.0 | | 30.6 | | 56.0 | | 40.1 | | 39.4 | | 22.6 | | 57.2 | |
| WB0315 | 7/22/2009 | Degraded | 307\_0 | 45.6 | | 12.1 | | 92.7 | | 31.4 | | 28.8 | | 35.1 | | 34.5 | | 84.8 | |
| WB0316 | 7/23/2009 | Degraded | 308\_0 | 28.4 | | 9.9 | | 75.3 | | 2.8 | | 0.0 | | 22.1 | | 14.2 | | 74.6 | |
| WB0317 | 7/24/2009 | Degraded | 309\_0 | 25.4 | | 3.0 | | 59.0 | | 9.0 | | 0.0 | | 24.6 | | 29.2 | | 53.1 | |
| WB0318 | 8/12/2009 | Degraded | 310\_0 | 27.3 | | 1.7 | | 65.4 | | 29.0 | | 14.3 | | 20.5 | | 23.8 | | 36.6 | |
| SR0061 | 8/13/2009 | Reference | 311\_0 | 76.8 | | 88.9 | | 68.2 | | 76.3 | | 92.9 | | 61.1 | | 79.3 | | 71.0 | |
| WB0324 | 8/25/2009 | Degraded | 312\_0 | 21.6 | | 9.7 | | 31.3 | | 41.1 | | 23.4 | | 11.3 | | 22.9 | | 11.8 | |
| WB0322 | 8/27/2009 | Non-Ref | 314\_0 | 45.0 | | 38.1 | | 100 | | 43.4 | | 44.2 | | 40.4 | | 22.5 | | 26.3 | |
| WB0321 | 8/28/2009 | Non-Ref | 315\_0 | 73.0 | | 69.8 | | 70.2 | | 94.4 | | 74.0 | | 53.8 | | 69.5 | | 79.0 | |
| SR0062 | 9/2/2009 | Non-Ref | 316\_0 | 44.9 | | 25.8 | | 76.5 | | 82.4 | | 0.0 | | 43.5 | | 38.4 | | 47.6 | |
| SR0063 | 9/3/2009 | Reference | 317\_0 | 57.4 | | 34.8 | | 79.3 | | 78.4 | | 36.1 | | 58.5 | | 54.6 | | 60.4 | |
| SRI2 | 9/14/2009 | Reference | 318\_0 | 54.7 | | 13.2 | | 64.1 | | 79.6 | | 10.8 | | 70.4 | | 77.3 | | 67.8 | |
| SR2 | 9/16/2009 | Reference | 320\_0 | 55.6 | | 44.6 | | 61.4 | | 62.6 | | 28.8 | | 85.9 | | 47.4 | | 58.3 | |
| WB0325 | 9/17/2009 | Non-Ref | 321\_0 | 61.9 | | 71.2 | | 75.0 | | 58.0 | | 58.4 | | 31.3 | | 65.0 | | 74.6 | |
| SR0059 | 9/21/2009 | Reference | 322\_0 | 47.5 | | 14.9 | | 45.9 | | 88.2 | | 33.8 | | 64.7 | | 33.7 | | 51.6 | |
| SR0064 | 9/28/2009 | Reference | 323\_0 | 56.1 | | 30.0 | | 62.8 | | 82.8 | | 31.5 | | 64.7 | | 54.2 | | 66.6 | |
| SR0065 | 9/29/2009 | Non-Ref | 324\_0 | 69.8 | | 60.0 | | 90.3 | | 74.1 | | 47.8 | | 46.1 | | 100 | | 70.5 | |
| SR0066 | 9/30/2009 | Reference | 325\_0 | 51.0 | | 19.1 | | 59.3 | | 66.3 | | 45.2 | | 47.0 | | 57.5 | | 62.9 | |
| WB3 | 10/15/2009 | Reference | 326\_0 | 70.2 | | 100 | | 52.5 | | 79.6 | | 100 | | 40.4 | | 56.0 | | 63.1 | |
| WB0328 | 8/17/2009 | Non-Ref | 327\_0 | 28.1 | | 3.4 | | 53.1 | | 63.3 | | 17.6 | | 0.0 | | 43.8 | | 15.6 | |
| WB0302 | 8/17/2009 | Non-Ref | 328\_0 | 39.0 | | 15.7 | | 67.7 | | 60.0 | | 34.3 | | 18.5 | | 59.1 | | 18.0 | |
| WB0303 | 8/18/2009 | Non-Ref | 329\_0 | 21.6 | | 12.3 | | 35.4 | | 33.8 | | 26.2 | | 0.0 | | 43.4 | | 0.0 | |
| WB0307 | 8/18/2009 | Non-Ref | 330\_0 | 34.1 | | 22.7 | | 60.0 | | 63.2 | | 48.7 | | 0.0 | | 38.9 | | 5.2 | |
| WB0309 | 8/18/2009 | Non-Ref | 331\_0 | 28.2 | | 6.5 | | 12.2 | | 78.2 | | 57.8 | | 0.0 | | 42.6 | | 0.0 | |
| WB0311 | 8/18/2009 | Non-Ref | 332\_0 | 23.6 | | 4.5 | | 43.4 | | 46.3 | | 20.2 | | 6.5 | | 44.1 | | 0.0 | |
| MRC11 | 9/1/2009 | Non-Ref | 333\_0 | 51.3 | | 89.2 | | 59.8 | | 100 | | 23.0 | | 23.7 | | 0.0 | | 63.3 | |
| MRW0168 | 9/8/2009 | Reference | 335\_0 | 53.4 | | 29.4 | | 59.3 | | 69.1 | | 75.9 | | 48.4 | | 46.4 | | 45.4 | |
| MRW61 | 9/9/2009 | Reference | 336\_0 | 55.5 | | 74.3 | | 60.1 | | 68.0 | | 74.9 | | 13.3 | | 41.4 | | 56.3 | |
| MRW60 | 9/10/2009 | Reference | 337\_0 | 69.7 | | 49.7 | | 72.9 | | 84.3 | | 79.1 | | 59.0 | | 59.7 | | 83.3 | |
| MRE18 | 9/15/2009 | Reference | 339\_0 | 74.9 | | 69.0 | | 90.2 | | 74.7 | | 69.0 | | 71.1 | | 72.1 | | 78.2 | |
| WB0327 | 9/17/2009 | Non-Ref | 340\_0 | 39.9 | | 62.0 | | 60.0 | | 18.8 | | 66.1 | | 27.7 | | 39.6 | | 5.3 | |
| NGP3 | 9/21/2009 | Reference | 341\_0 | 66.0 | | 56.4 | | 51.7 | | 78.3 | | 74.6 | | 60.3 | | 78.7 | | 62.1 | |
| MRE0026 | 9/22/2009 | Reference | 342\_0 | 64.5 | | 52.0 | | 66.9 | | 78.9 | | 52.0 | | 66.5 | | 50.6 | | 84.5 | |
| MRC24 | 10/15/2009 | Reference | 343\_0 | 74.5 | | 74.9 | | 70.7 | | 82.4 | | 87.3 | | 60.3 | | 71.1 | | 75.1 | |
| WB0326 | 10/22/2009 | Non-Ref | 344\_0 | 45.4 | | 18.8 | | 8.1 | | 100 | | 5.1 | | 54.6 | | 68.9 | | 62.1 | |
| MRW0186 | 7/13/2010 | Non-Ref | 345\_0 | 44.8 | | 34.8 | | 38.0 | | 75.4 | | 25.7 | | 64.7 | | 68.7 | | 6.4 | |
| WB0358 | 7/20/2010 | Non-Ref | 346\_0 | 57.9 | | 88.0 | | 73.2 | | 67.1 | | 29.9 | | 42.2 | | 60.6 | | 44.0 | |
| WB0368 | 7/27/2010 | Non-Ref | 347\_0 | 60.5 | | 100 | | 42.5 | | 43.1 | | 37.3 | | 100 | | 65.8 | | 34.9 | |
| WB0370 | 7/28/2010 | Non-Ref | 348\_0 | 51.5 | | 19.1 | | 85.9 | | 53.6 | | 26.1 | | 49.1 | | 68.2 | | 58.7 | |
| WB0369 | 7/29/2010 | Non-Ref | 349\_0 | 34.6 | | 16.8 | | 78.1 | | 4.6 | | 21.8 | | 33.8 | | 76.3 | | 11.0 | |
| WB0366 | 8/3/2010 | Non-Ref | 350\_0 | 35.5 | | 0.0 | | 41.8 | | 51.2 | | 38.7 | | 2.2 | | 69.9 | | 44.3 | |
| WB0361 | 8/11/2010 | Non-Ref | 352\_0 | 63.5 | | 16.3 | | 83.6 | | 100 | | 37.6 | | 51.1 | | 89.9 | | 66.0 | |
| MRW0180 | 8/18/2010 | Non-Ref | 353\_0 | 71.7 | | 81.3 | | 17.2 | | 87.1 | | 100 | | 66.5 | | 100 | | 49.7 | |
| WB0371 | 8/24/2010 | Non-Ref | 354\_0 | 56.1 | | 51.0 | | 92.5 | | 57.1 | | 10.3 | | 71.1 | | 81.4 | | 29.4 | |
| WB0363 | 8/31/2010 | Non-Ref | 355\_0 | 27.0 | | 12.3 | | 69.7 | | 46.4 | | 17.2 | | 0.0 | | 43.5 | | 0.0 | |
| WB0364 | 9/2/2010 | Non-Ref | 357\_0 | 54.7 | | 100 | | 73.0 | | 27.0 | | 44.7 | | 73.5 | | 37.6 | | 27.5 | |
| MRW0182 | 9/8/2010 | Non-Ref | 358\_0 | 39.1 | | 32.8 | | 52.6 | | 25.9 | | 38.9 | | 61.1 | | 48.2 | | 14.3 | |
| WB0357 | 9/14/2010 | Non-Ref | 359\_0 | 51.0 | | 36.5 | | 31.5 | | 58.4 | | 61.0 | | 79.5 | | 72.2 | | 18.0 | |
| MRW0185 | 9/15/2010 | Non-Ref | 360\_0 | 31.0 | | 30.3 | | 45.8 | | 33.9 | | 32.2 | | 74.0 | | 0.0 | | 1.0 | |
| MRW0184 | 9/16/2010 | Non-Ref | 361\_0 | 48.8 | | 44.9 | | 82.0 | | 68.8 | | 45.5 | | 72.9 | | 0.0 | | 27.1 | |
| WB0356 | 9/23/2010 | Non-Ref | 362\_0 | 60.3 | | 100 | | 28.6 | | 54.0 | | 100 | | 29.4 | | 92.3 | | 17.6 | |
| MRW0183 | 9/30/2010 | Reference | 364\_0 | 52.9 | | 26.4 | | 62.8 | | 78.1 | | 18.6 | | 86.2 | | 49.8 | | 48.2 | |
| WB0367 | 10/6/2010 | Non-Ref | 365\_0 | 31.8 | | 13.5 | | 39.7 | | 43.9 | | 27.4 | | 38.9 | | 25.4 | | 33.7 | |
| WB0362 | 10/5/2010 | Non-Ref | 366\_0 | 22.7 | | 0.0 | | 31.8 | | 54.7 | | 6.6 | | 32.4 | | 31.2 | | 2.1 | |
| WB0372 | 10/12/2010 | Non-Ref | 367\_0 | 21.8 | | 6.5 | | 15.8 | | 0.0 | | 13.1 | | 43.9 | | 21.7 | | 51.6 | |
| WB0373 | 10/13/2010 | Non-Ref | 368\_0 | 35.4 | | 0.0 | | 11.1 | | 0.0 | | 62.3 | | 39.4 | | 34.9 | | 100 | |
| WB0374 | 10/19/2010 | Non-Ref | 369\_0 | 42.1 | | 23.3 | | 49.1 | | 31.3 | | 26.3 | | 56.1 | | 44.6 | | 64.2 | |
| WB0375 | 10/20/2010 | Non-Ref | 370\_0 | 50.7 | | 13.5 | | 100 | | 54.3 | | 13.8 | | 25.8 | | 58.1 | | 89.4 | |
| WB0360 | 10/26/2010 | Non-Ref | 371\_0 | 53.7 | | 100 | | 83.9 | | 2.5 | | 82.7 | | 13.3 | | 58.9 | | 34.4 | |
| WB0317 | 7/26/2010 | Degraded | 372\_0 | 20.4 | | 7.6 | | 43.2 | | 5.2 | | 0.0 | | 22.9 | | 40.8 | | 23.3 | |
| WB0316 | 7/27/2010 | Degraded | 373\_0 | 30.2 | | 5.1 | | 59.4 | | 36.7 | | 0.0 | | 14.1 | | 37.6 | | 58.2 | |
| WB0315 | 7/28/2010 | Degraded | 374\_0 | 49.0 | | 5.6 | | 92.7 | | 37.2 | | 35.5 | | 34.5 | | 55.0 | | 82.2 | |
| WB0314 | 7/29/2010 | Non-Ref | 375\_0 | 59.2 | | 83.0 | | 62.3 | | 88.5 | | 73.9 | | 25.2 | | 53.0 | | 28.7 | |
| SR0060 | 7/29/2010 | Non-Ref | 376\_0 | 85.8 | | 91.7 | | 78.4 | | 89.4 | | 100 | | 80.7 | | 89.0 | | 71.0 | |
| WB0352 | 8/10/2010 | Non-Ref | 377\_0 | 33.3 | | 5.9 | | 48.4 | | 38.8 | | 30.6 | | 65.6 | | 31.0 | | 12.6 | |
| SR0069 | 8/17/2010 | Non-Ref | 378\_0 | 31.0 | | 45.4 | | 34.5 | | 19.4 | | 51.0 | | 20.5 | | 35.1 | | 11.1 | |
| WB0353 | 8/19/2010 | Reference | 379\_0 | 47.6 | | 2.8 | | 46.3 | | 85.7 | | 26.2 | | 51.1 | | 70.6 | | 50.4 | |
| WB0324 | 8/30/2010 | Degraded | 380\_0 | 37.5 | | 0.0 | | 47.1 | | 70.2 | | 25.0 | | 17.1 | | 60.5 | | 42.5 | |
| WB0322 | 9/1/2010 | Non-Ref | 382\_0 | 61.0 | | 36.7 | | 100 | | 56.0 | | 66.5 | | 43.1 | | 61.3 | | 63.2 | |
| WB0321 | 9/2/2010 | Non-Ref | 383\_0 | 50.5 | | 70.7 | | 54.4 | | 29.3 | | 71.6 | | 49.1 | | 22.3 | | 56.1 | |
| WB0354 | 9/9/2010 | Non-Ref | 384\_0 | 31.1 | | 22.4 | | 36.9 | | 51.0 | | 22.8 | | 16.0 | | 32.5 | | 36.2 | |
| WHP21 | 9/28/2010 | Reference | 386\_0 | 71.8 | | 49.1 | | 64.4 | | 86.7 | | 37.3 | | 71.9 | | 99.1 | | 93.9 | |
| WHP0053 | 9/29/2010 | Reference | 387\_0 | 34.0 | | 5.3 | | 36.7 | | 69.0 | | 18.6 | | 14.1 | | 40.1 | | 54.2 | |
| SR0067 | 10/4/2010 | Non-Ref | 388\_0 | 64.1 | | 25.5 | | 100 | | 82.2 | | 31.3 | | 64.0 | | 84.0 | | 61.8 | |
| WB0355 | 10/5/2010 | Non-Ref | 389\_0 | 61.4 | | 0.0 | | 56.3 | | 100 | | 0.0 | | 100 | | 73.5 | | 100 | |
| SR6 | 10/6/2010 | Reference | 390\_0 | 87.2 | | 92.8 | | 63.3 | | 99.5 | | 100 | | 64.7 | | 100 | | 90.4 | |
| MRC0119 | 8/3/2010 | Non-Ref | 391\_0 | 53.6 | | 70.1 | | 13.7 | | 100 | | 27.6 | | 57.6 | | 37.9 | | 68.2 | |
| MRC0118 | 8/4/2010 | Non-Ref | 392\_0 | 54.4 | | 100 | | 39.2 | | 63.8 | | 32.6 | | 16.3 | | 52.6 | | 76.1 | |
| WB0347 | 8/9/2010 | Non-Ref | 394\_0 | 31.9 | | 3.4 | | 44.2 | | 53.2 | | 35.1 | | 24.3 | | 38.9 | | 24.3 | |
| WB0345 | 8/10/2010 | Non-Ref | 395\_0 | 22.6 | | 12.3 | | 12.1 | | 48.4 | | 65.3 | | 2.2 | | 17.5 | | 0.0 | |
| WB0346 | 8/10/2010 | Non-Ref | 396\_0 | 27.4 | | 6.5 | | 26.9 | | 59.6 | | 42.3 | | 15.2 | | 38.4 | | 3.1 | |
| MRC0117 | 8/12/2010 | Non-Ref | 397\_0 | 62.6 | | 42.3 | | 89.8 | | 76.7 | | 67.4 | | 60.9 | | 31.7 | | 69.6 | |
| WB0335 | 8/17/2010 | Non-Ref | 398\_0 | 57.2 | | 96.5 | | 48.8 | | 70.7 | | 43.7 | | 52.3 | | 42.6 | | 45.7 | |
| WB0336 | 8/18/2010 | Non-Ref | 399\_0 | 40.0 | | 11.2 | | 60.0 | | 56.0 | | 36.4 | | 0.0 | | 79.4 | | 37.1 | |
| WB0350 | 8/25/2010 | Non-Ref | 400\_0 | 70.7 | | 100 | | 37.3 | | 100 | | 100 | | 47.0 | | 10.4 | | 100 | |
| WB0334 | 8/26/2010 | Non-Ref | 401\_0 | 44.0 | | 16.3 | | 58.9 | | 46.5 | | 21.9 | | 45.5 | | 58.0 | | 60.8 | |
| MRW0179 | 8/30/2010 | Non-Ref | 402\_0 | 57.0 | | 37.3 | | 100 | | 55.1 | | 49.2 | | 44.7 | | 65.0 | | 48.0 | |
| MRW0175 | 8/31/2010 | Non-Ref | 403\_0 | 54.3 | | 21.6 | | 79.0 | | 93.7 | | 31.2 | | 29.4 | | 51.3 | | 74.1 | |
| MRW0176 | 9/1/2010 | Non-Ref | 404\_0 | 46.6 | | 75.7 | | 0.0 | | 74.9 | | 27.3 | | 29.4 | | 67.3 | | 51.9 | |
| WB0349 | 9/13/2010 | Non-Ref | 406\_0 | 53.5 | | 64.8 | | 42.3 | | 64.1 | | 30.5 | | 68.2 | | 40.0 | | 64.3 | |
| WB0342 | 9/14/2010 | Non-Ref | 407\_0 | 32.4 | | 2.3 | | 12.6 | | 60.0 | | 0.0 | | 57.6 | | 49.5 | | 44.6 | |
| MRW0178 | 9/15/2010 | Non-Ref | 408\_0 | 52.9 | | 19.1 | | 35.9 | | 75.1 | | 20.4 | | 78.8 | | 75.9 | | 65.2 | |
| MRC0121 | 9/21/2010 | Non-Ref | 409\_0 | 66.4 | | 35.3 | | 62.5 | | 97.1 | | 65.8 | | 72.4 | | 45.6 | | 86.1 | |
| MRC0120 | 9/22/2010 | Non-Ref | 410\_0 | 60.4 | | 28.6 | | 42.4 | | 84.9 | | 54.9 | | 82.3 | | 58.6 | | 71.2 | |
| WB0337 | 9/28/2010 | Non-Ref | 411\_0 | 67.8 | | 100 | | 0.0 | | 100 | | 100 | | 100 | | 0.0 | | 74.5 | |
| WB0343 | 9/29/2010 | Non-Ref | 412\_0 | 34.7 | | 22.4 | | 53.6 | | 38.0 | | 34.1 | | 19.3 | | 47.3 | | 28.4 | |
| WB0344 | 10/6/2010 | Non-Ref | 413\_0 | 14.6 | | 5.9 | | 3.8 | | 26.4 | | 30.9 | | 2.2 | | 33.4 | | 0.0 | |
| WB0341 | 10/12/2010 | Non-Ref | 415\_0 | 43.3 | | 38.7 | | 30.4 | | 67.4 | | 64.9 | | 36.4 | | 29.4 | | 35.8 | |
| WB0351 | 10/20/2010 | Non-Ref | 416\_0 | 23.6 | | 7.6 | | 23.8 | | 52.6 | | 32.2 | | 27.3 | | 7.1 | | 14.8 | |
| WB0338 | 10/26/2010 | Non-Ref | 417\_0 | 62.6 | | 75.1 | | 100 | | 63.9 | | 98.5 | | 43.2 | | 9.0 | | 48.3 | |
| WB0339 | 10/27/2010 | Non-Ref | 418\_0 | 48.0 | | 85.2 | | 52.6 | | 0.0 | | 88.5 | | 17.6 | | 47.3 | | 44.6 | |
| NGP0226 | 6/6/2011 | Non-Ref | 419\_0 | 30.3 | | 50.2 | | 0.0 | | 74.1 | | 21.2 | | 34.2 | | 0.0 | | 32.6 | |
| NGP0217 | 6/7/2011 | Non-Ref | 420\_0 | 23.0 | | 9.3 | | 0.0 | | 4.1 | | 18.4 | | 49.1 | | 50.2 | | 29.9 | |
| NGP0218 | 6/8/2011 | Non-Ref | 421\_0 | 49.9 | | 43.7 | | 16.5 | | 74.8 | | 38.8 | | 32.4 | | 43.0 | | 100 | |
| NGP0219 | 6/9/2011 | Non-Ref | 422\_0 | 28.6 | | 19.9 | | 0.0 | | 21.5 | | 14.7 | | 29.4 | | 67.8 | | 46.9 | |
| NGP0220 | 6/13/2011 | Non-Ref | 423\_0 | 39.7 | | 17.1 | | 9.0 | | 57.2 | | 36.7 | | 30.9 | | 52.8 | | 74.5 | |
| WHP0054 | 6/14/2011 | Non-Ref | 424\_0 | 41.7 | | 19.4 | | 13.0 | | 88.1 | | 18.7 | | 47.0 | | 65.2 | | 40.5 | |
| NGP0221 | 6/15/2011 | Reference | 425\_0 | 54.3 | | 16.6 | | 62.1 | | 56.2 | | 16.2 | | 65.3 | | 89.4 | | 74.1 | |
| NGP0223 | 6/16/2011 | Non-Ref | 426\_0 | 43.7 | | 19.4 | | 40.1 | | 80.3 | | 11.8 | | 35.1 | | 65.6 | | 53.3 | |
| NGP0224 | 6/22/2011 | Reference | 428\_0 | 49.7 | | 17.7 | | 55.8 | | 90.7 | | 32.8 | | 34.2 | | 42.3 | | 74.3 | |
| WB0377 | 6/30/2011 | Non-Ref | 429\_0 | 25.4 | | 19.4 | | 44.5 | | 0.0 | | 6.2 | | 0.0 | | 53.4 | | 54.2 | |
| NGP0228 | 7/6/2011 | Non-Ref | 430\_0 | 31.4 | | 0.0 | | 42.8 | | 17.8 | | 0.0 | | 11.7 | | 47.8 | | 100 | |
| NGP0227 | 7/6/2011 | Non-Ref | 431\_0 | 4.7 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 11.7 | | 0.0 | | 21.5 | |
| NGP0229 | 7/7/2011 | Non-Ref | 432\_0 | 30.7 | | 0.0 | | 50.3 | | 0.0 | | 0.0 | | 43.5 | | 56.2 | | 65.2 | |
| MRC0122 | 7/26/2011 | Non-Ref | 433\_0 | 51.8 | | 51.6 | | 33.9 | | 70.9 | | 46.5 | | 47.9 | | 45.2 | | 67.0 | |
| NGP0231 | 7/27/2011 | Non-Ref | 434\_0 | 39.6 | | 10.9 | | 86.1 | | 10.0 | | 0.0 | | 52.0 | | 37.4 | | 80.6 | |
| NGP0233 | 7/28/2011 | Non-Ref | 436\_0 | 5.9 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 41.2 | |
| NGP0234 | 8/1/2011 | Non-Ref | 437\_0 | 21.6 | | 14.3 | | 0.0 | | 0.0 | | 8.6 | | 33.1 | | 43.5 | | 51.6 | |
| NGP0230 | 8/2/2011 | Reference | 438\_0 | 72.0 | | 66.2 | | 77.5 | | 96.1 | | 56.9 | | 68.2 | | 66.7 | | 72.4 | |
| NGP0236 | 8/3/2011 | Non-Ref | 439\_0 | 12.4 | | 1.1 | | 0.0 | | 0.0 | | 0.0 | | 43.5 | | 13.6 | | 28.3 | |
| NGP0235 | 8/3/2011 | Non-Ref | 440\_0 | 23.7 | | 0.0 | | 52.7 | | 0.0 | | 0.0 | | 53.5 | | 16.1 | | 43.8 | |
| WB0376 | 8/4/2011 | Non-Ref | 441\_0 | 35.0 | | 43.5 | | 29.1 | | 0.0 | | 34.9 | | 18.0 | | 30.0 | | 89.6 | |
| NGP0238 | 9/26/2011 | Non-Ref | 442\_0 | 25.3 | | 6.2 | | 56.6 | | 0.0 | | 0.0 | | 37.7 | | 41.7 | | 35.2 | |
| NGP0237 | 9/28/2011 | Non-Ref | 444\_0 | 39.9 | | 16.8 | | 70.4 | | 27.8 | | 48.7 | | 27.0 | | 22.2 | | 66.1 | |
| NGP0253 | 6/21/2011 | Non-Ref | 445\_0 | 28.7 | | 16.0 | | 15.2 | | 15.2 | | 44.7 | | 27.3 | | 37.8 | | 45.0 | |
| MRE0027 | 6/22/2011 | Degraded | 446\_0 | 16.8 | | 1.7 | | 11.2 | | 0.0 | | 0.0 | | 22.5 | | 64.5 | | 17.9 | |
| MRE0034 | 7/12/2011 | Non-Ref | 447\_0 | 42.4 | | 11.5 | | 48.6 | | 70.2 | | 35.5 | | 44.7 | | 49.4 | | 36.6 | |
| MRE0028 | 7/13/2011 | Non-Ref | 448\_0 | 33.6 | | 1.1 | | 54.3 | | 59.2 | | 25.3 | | 23.7 | | 35.7 | | 36.1 | |
| NGP0249 | 8/10/2011 | Non-Ref | 449\_0 | 23.4 | | 55.0 | | 55.2 | | 0.0 | | 3.7 | | 22.9 | | 26.4 | | 0.9 | |
| NGP0250 | 8/15/2011 | Non-Ref | 450\_0 | 17.6 | | 9.8 | | 39.5 | | 0.0 | | 12.9 | | 25.2 | | 14.1 | | 21.4 | |
| MRE0031 | 8/16/2011 | Non-Ref | 452\_0 | 36.9 | | 9.0 | | 48.0 | | 61.5 | | 32.0 | | 38.9 | | 19.8 | | 49.2 | |
| NGP0251 | 8/17/2011 | Non-Ref | 453\_0 | 19.0 | | 0.0 | | 0.0 | | 1.0 | | 0.0 | | 57.6 | | 37.7 | | 36.9 | |
| NGP0252 | 8/17/2011 | Non-Ref | 454\_0 | 6.7 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 20.5 | | 0.0 | | 26.6 | |
| MRC0125 | 8/29/2011 | Non-Ref | 455\_0 | 47.4 | | 42.6 | | 33.3 | | 75.7 | | 46.5 | | 48.1 | | 28.3 | | 57.1 | |
| MRC0124 | 8/30/2011 | Non-Ref | 456\_0 | 84.2 | | 97.6 | | 80.1 | | 100 | | 100 | | 80.7 | | 39.5 | | 91.3 | |
| MRC0126 | 9/6/2011 | Reference | 457\_0 | 64.7 | | 80.5 | | 46.5 | | 72.4 | | 100 | | 38.5 | | 64.0 | | 51.3 | |
| MRC0123 | 9/7/2011 | Reference | 458\_0 | 84.0 | | 100 | | 58.4 | | 92.4 | | 100 | | 100 | | 46.6 | | 90.5 | |
| NGP0243 | 9/12/2011 | Non-Ref | 459\_0 | 55.2 | | 100 | | 62.4 | | 64.7 | | 50.3 | | 40.0 | | 54.7 | | 14.4 | |
| NGP0244 | 9/13/2011 | Non-Ref | 460\_0 | 30.1 | | 24.1 | | 26.8 | | 17.0 | | 22.7 | | 43.1 | | 30.2 | | 47.1 | |
| MRE0033 | 9/19/2011 | Reference | 461\_0 | 51.3 | | 2.3 | | 53.7 | | 82.2 | | 35.1 | | 78.8 | | 52.8 | | 54.5 | |
| MRE0032 | 9/20/2011 | Non-Ref | 462\_0 | 62.2 | | 11.8 | | 54.3 | | 100 | | 29.6 | | 69.0 | | 75.1 | | 95.7 | |
| NGP0248 | 9/26/2011 | Non-Ref | 464\_0 | 45.1 | | 41.5 | | 68.3 | | 34.4 | | 8.0 | | 55.4 | | 39.4 | | 68.6 | |
| MRC0127 | 9/27/2011 | Reference | 465\_0 | 73.5 | | 28.0 | | 54.0 | | 98.0 | | 88.1 | | 100 | | 67.3 | | 78.9 | |
| NGP0240 | 9/28/2011 | Non-Ref | 466\_0 | 35.7 | | 43.7 | | 57.7 | | 46.4 | | 14.0 | | 63.3 | | 11.2 | | 13.8 | |
| NGP0247 | 10/3/2011 | Reference | 468\_0 | 62.2 | | 48.0 | | 62.0 | | 49.9 | | 88.0 | | 64.7 | | 60.8 | | 62.1 | |
| NGP0245 | 10/12/2011 | Non-Ref | 469\_0 | 54.4 | | 97.3 | | 45.4 | | 0.0 | | 100 | | 52.0 | | 45.5 | | 40.7 | |
| NGP0246 | 10/13/2011 | Non-Ref | 470\_0 | 53.1 | | 56.4 | | 11.9 | | 49.2 | | 95.1 | | 32.4 | | 60.8 | | 65.7 | |
| NGP0242 | 10/25/2011 | Non-Ref | 471\_0 | 23.9 | | 3.7 | | 47.8 | | 0.0 | | 7.2 | | 57.6 | | 15.4 | | 35.8 | |
| NGP0241 | 10/26/2011 | Non-Ref | 472\_0 | 32.9 | | 10.4 | | 62.9 | | 6.0 | | 51.6 | | 39.4 | | 3.4 | | 56.7 | |
| WB0379 | 9/12/2011 | Non-Ref | 474\_0 | 52.6 | | 8.1 | | 100 | | 92.4 | | 40.3 | | 40.9 | | 47.5 | | 39.0 | |
| MRW0188 | 9/21/2011 | Reference | 475\_0 | 63.0 | | 39.3 | | 61.7 | | 81.4 | | 52.9 | | 77.3 | | 49.1 | | 79.2 | |
| WB0381 | 10/25/2011 | Non-Ref | 476\_0 | 77.7 | | 100 | | 68.5 | | 74.8 | | 100 | | 57.6 | | 57.1 | | 85.6 | |
| WB0382 | 10/25/2011 | Non-Ref | 477\_0 | 54.4 | | 100 | | 32.7 | | 78.2 | | 100 | | 13.3 | | 16.6 | | 39.8 | |
| WB0383 | 10/26/2011 | Non-Ref | 478\_0 | 71.7 | | 100 | | 28.5 | | 100 | | 100 | | 100 | | 17.8 | | 55.4 | |
| SR0075 | 9/25/2012 | Reference | 479\_0 | 88.8 | | 87.2 | | 66.4 | | 88.4 | | 100 | | 88.4 | | 98.0 | | 93.3 | |
| SR0070 | 9/25/2012 | Non-Ref | 480\_0 | 90.0 | | 83.3 | | 82.3 | | 100 | | 100 | | 69.7 | | 100 | | 94.8 | |
| SR0071 | 9/25/2012 | Non-Ref | 481\_0 | 64.9 | | 51.0 | | 3.1 | | 93.8 | | 72.0 | | 72.4 | | 69.8 | | 92.1 | |
| SR0072 | 9/26/2012 | Non-Ref | 482\_0 | 75.0 | | 57.5 | | 35.0 | | 98.5 | | 92.7 | | 74.6 | | 84.6 | | 82.1 | |
| MRE1 | 10/3/2012 | Reference | 483\_0 | 50.2 | | 2.8 | | 56.9 | | 98.9 | | 47.4 | | 57.6 | | 15.2 | | 72.6 | |
| MRE0035 | 10/4/2012 | Non-Ref | 485\_0 | 36.9 | | 2.8 | | 52.0 | | 43.2 | | 32.3 | | 35.3 | | 44.8 | | 48.1 | |
| WB0390 | 8/6/2012 | Non-Ref | 486\_0 | 40.6 | | 18.5 | | 18.3 | | 55.2 | | 14.1 | | 82.8 | | 35.8 | | 59.5 | |
| WB0302 | 8/6/2012 | Non-Ref | 487\_0 | 39.2 | | 6.2 | | 20.2 | | 73.2 | | 25.9 | | 17.1 | | 100 | | 32.2 | |
| WB0307 | 8/7/2012 | Non-Ref | 488\_0 | 29.0 | | 0.0 | | 44.2 | | 68.9 | | 19.8 | | 35.1 | | 34.9 | | 0.0 | |
| WB0311 | 8/7/2012 | Non-Ref | 489\_0 | 20.1 | | 2.5 | | 27.6 | | 41.3 | | 27.4 | | 0.0 | | 42.0 | | 0.0 | |
| WB0346 | 8/7/2012 | Non-Ref | 490\_0 | 30.9 | | 4.2 | | 26.9 | | 69.2 | | 41.0 | | 33.1 | | 41.9 | | 0.0 | |
| WB0394 | 8/7/2012 | Degraded | 491\_0 | 24.6 | | 9.8 | | 26.1 | | 43.8 | | 35.7 | | 16.3 | | 40.3 | | 0.0 | |
| WB0392 | 8/7/2012 | Non-Ref | 492\_0 | 31.3 | | 10.4 | | 42.6 | | 55.8 | | 43.3 | | 26.1 | | 38.1 | | 2.5 | |
| WB0401 | 8/8/2012 | Non-Ref | 493\_0 | 23.4 | | 5.1 | | 29.1 | | 21.9 | | 36.6 | | 27.3 | | 43.7 | | 0.0 | |
| WB0399 | 8/8/2012 | Non-Ref | 494\_0 | 27.2 | | 0.0 | | 28.4 | | 58.7 | | 42.7 | | 0.0 | | 39.8 | | 21.1 | |
| WB0395 | 8/8/2012 | Non-Ref | 495\_0 | 29.2 | | 2.8 | | 43.7 | | 37.7 | | 31.5 | | 47.0 | | 41.9 | | 0.0 | |
| WB0397 | 8/9/2012 | Non-Ref | 496\_0 | 24.4 | | 6.5 | | 28.3 | | 40.8 | | 45.1 | | 14.1 | | 17.4 | | 18.2 | |
| WB0403 | 8/9/2012 | Non-Ref | 498\_0 | 14.3 | | 5.1 | | 28.6 | | 3.0 | | 44.3 | | 0.0 | | 19.0 | | 0.0 | |
| WB0348 | 8/10/2012 | Non-Ref | 499\_0 | 18.6 | | 6.2 | | 31.8 | | 18.8 | | 35.3 | | 0.0 | | 38.0 | | 0.0 | |
| WB0405 | 8/10/2012 | Non-Ref | 500\_0 | 29.4 | | 5.1 | | 41.8 | | 57.5 | | 29.9 | | 13.3 | | 57.9 | | 0.0 | |
| MRCI35 | 9/4/2012 | Reference | 501\_0 | 74.3 | | 68.1 | | 72.5 | | 89.6 | | 70.7 | | 76.0 | | 69.1 | | 73.9 | |
| MRC5 | 9/19/2012 | Reference | 502\_0 | 54.0 | | 5.1 | | 37.8 | | 68.9 | | 25.6 | | 64.7 | | 100 | | 75.6 | |
| MRC54 | 10/3/2012 | Reference | 503\_0 | 59.1 | | 14.3 | | 63.3 | | 93.4 | | 37.6 | | 44.7 | | 91.5 | | 69.2 | |
| WB0384 | 8/7/2012 | Non-Ref | 505\_0 | 58.5 | | 27.5 | | 57.5 | | 75.7 | | 100 | | 84.5 | | 12.1 | | 52.2 | |
| WB0386 | 8/2/2012 | Non-Ref | 507\_0 | 24.1 | | 0.0 | | 33.2 | | 20.2 | | 40.4 | | 31.9 | | 35.7 | | 7.0 | |
| WB0369 | 7/30/2012 | Non-Ref | 508\_0 | 35.7 | | 40.9 | | 46.5 | | 16.3 | | 40.1 | | 35.3 | | 33.5 | | 37.3 | |
| WB0388 | 7/31/2012 | Non-Ref | 509\_0 | 25.4 | | 22.4 | | 45.1 | | 3.8 | | 29.4 | | 52.9 | | 18.6 | | 5.9 | |
| WB0389 | 8/8/2012 | Non-Ref | 510\_0 | 47.5 | | 36.2 | | 79.2 | | 0.0 | | 54.0 | | 59.0 | | 56.7 | | 47.4 | |
| MRW59 | 10/2/2012 | Reference | 511\_0 | 55.3 | | 33.4 | | 59.3 | | 76.0 | | 38.2 | | 61.9 | | 61.1 | | 57.5 | |
| MRWI40 | 10/3/2012 | Reference | 512\_0 | 61.2 | | 68.1 | | 61.5 | | 75.1 | | 57.8 | | 58.3 | | 49.9 | | 57.3 | |
| MRW6 | 10/4/2012 | Reference | 513\_0 | 57.7 | | 21.0 | | 76.9 | | 83.9 | | 49.0 | | 73.5 | | 44.6 | | 55.0 | |
| WB2 | 10/8/2012 | Reference | 514\_0 | 69.8 | | 58.3 | | 80.4 | | 84.8 | | 53.7 | | 89.0 | | 53.6 | | 68.9 | |
| MRW50 | 10/11/2012 | Reference | 516\_0 | 69.8 | | 100 | | 48.1 | | 83.9 | | 100 | | 50.1 | | 52.7 | | 54.0 | |
| WB0311 | 8/5/2013 | Non-Ref | 615\_0 | 49.4 | | 20.3 | | 43.4 | | 63.6 | | 57.6 | | 59.4 | | 73.8 | | 27.9 | |
| WB0394 | 8/6/2013 | Degraded | 617\_0 | 38.0 | | 9.6 | | 57.8 | | 51.2 | | 13.6 | | 38.0 | | 59.8 | | 36.1 | |
| WB0392 | 8/6/2013 | Non-Ref | 618\_0 | 41.0 | | 18.5 | | 58.5 | | 67.4 | | 39.2 | | 31.3 | | 64.8 | | 7.6 | |
| WB0395 | 8/6/2013 | Non-Ref | 619\_0 | 36.9 | | 5.3 | | 43.7 | | 64.6 | | 37.5 | | 29.4 | | 65.9 | | 11.8 | |
| WB0403 | 8/6/2013 | Non-Ref | 620\_0 | 30.8 | | 0.7 | | 60.3 | | 48.4 | | 48.0 | | 16.3 | | 41.8 | | 0.0 | |
| WB0397 | 8/7/2013 | Non-Ref | 622\_0 | 33.3 | | 0.0 | | 28.3 | | 60.1 | | 44.4 | | 6.5 | | 93.8 | | 0.0 | |
| WB0401 | 8/7/2013 | Non-Ref | 623\_0 | 39.2 | | 0.0 | | 29.1 | | 65.7 | | 37.3 | | 47.0 | | 91.1 | | 4.2 | |
| WB0405 | 8/8/2013 | Non-Ref | 625\_0 | 26.1 | | 1.9 | | 26.0 | | 39.2 | | 28.8 | | 42.2 | | 44.7 | | 0.0 | |
| WB0348 | 8/8/2013 | Non-Ref | 626\_0 | 31.0 | | 0.8 | | 31.8 | | 91.5 | | 45.3 | | 0.0 | | 45.8 | | 1.7 | |
| WB0388 | 7/30/2013 | Non-Ref | 628\_0 | 40.2 | | 16.1 | | 76.8 | | 24.2 | | 8.2 | | 53.8 | | 65.5 | | 36.6 | |
| WB0389 | 7/31/2013 | Non-Ref | 629\_0 | 30.5 | | 37.3 | | 31.7 | | 0.0 | | 9.4 | | 66.5 | | 46.5 | | 21.9 | |
| WB0385 | 8/5/2013 | Non-Ref | 631\_0 | 52.7 | | 24.6 | | 72.8 | | 73.4 | | 32.6 | | 74.0 | | 36.1 | | 55.1 | |
| WB0384 | 8/6/2013 | Non-Ref | 632\_0 | 48.1 | | 43.1 | | 57.5 | | 54.1 | | 52.4 | | 64.7 | | 20.9 | | 43.7 | |
| WBI25 | 9/9/2013 | Degraded | 633\_0 | 41.5 | | 4.6 | | 31.8 | | 90.5 | | 54.1 | | 54.6 | | 28.3 | | 26.4 | |
| WB64 | 9/9/2013 | Non-Ref | 634\_0 | 63.2 | | 53.9 | | 100 | | 71.8 | | 51.6 | | 65.3 | | 39.0 | | 60.8 | |
| WB0410 | 9/10/2013 | Non-Ref | 636\_0 | 41.3 | | 16.4 | | 60.9 | | 65.9 | | 58.8 | | 40.9 | | 32.5 | | 13.5 | |
| WB0412 | 9/10/2013 | Non-Ref | 637\_0 | 50.9 | | 16.8 | | 59.8 | | 98.1 | | 40.1 | | 81.3 | | 40.8 | | 19.1 | |
| WB0414 | 9/10/2013 | Non-Ref | 638\_0 | 37.4 | | 4.7 | | 16.4 | | 92.0 | | 32.3 | | 26.1 | | 68.2 | | 22.3 | |
| MRW53 | 9/23/2013 | Reference | 639\_0 | 74.8 | | 100 | | 54.5 | | 80.3 | | 83.8 | | 83.3 | | 51.1 | | 71.1 | |
| MRW8 | 9/24/2013 | Reference | 640\_0 | 67.9 | | 100 | | 82.6 | | 74.0 | | 38.1 | | 66.5 | | 51.4 | | 62.8 | |
| MRC48 | 8/15/2013 | Reference | 642\_0 | 75.0 | | 49.0 | | 72.5 | | 87.4 | | 62.8 | | 78.4 | | 98.4 | | 76.6 | |
| MRW31 | 9/9/2013 | Reference | 643\_0 | 66.4 | | 77.4 | | 58.6 | | 66.6 | | 83.1 | | 67.4 | | 55.7 | | 56.3 | |
| MRW44 | 9/10/2013 | Reference | 644\_0 | 64.0 | | 15.6 | | 72.8 | | 84.3 | | 41.2 | | 73.5 | | 74.3 | | 86.6 | |
| MRW45 | 9/11/2013 | Reference | 645\_0 | 55.0 | | 15.7 | | 46.8 | | 87.7 | | 34.9 | | 51.1 | | 55.6 | | 93.3 | |
| WB201 | 8/12/2013 | Non-Ref | 647\_0 | 55.9 | | 36.7 | | 63.6 | | 87.7 | | 69.2 | | 73.5 | | 0.0 | | 60.4 | |
| WB0417 | 8/13/2013 | Non-Ref | 649\_0 | 37.7 | | 9.3 | | 76.6 | | 46.3 | | 31.4 | | 64.7 | | 7.5 | | 28.0 | |
| WU0003 | 8/14/2013 | Non-Ref | 650\_0 | 72.2 | | 49.3 | | 45.1 | | 88.6 | | 66.2 | | 100 | | 68.6 | | 87.5 | |
| WB26 | 9/30/2013 | Reference | 651\_0 | 64.8 | | 100 | | 81.0 | | 76.4 | | 100 | | 44.7 | | 3.9 | | 47.5 | |
| WB27 | 10/1/2013 | Reference | 652\_0 | 67.5 | | 60.0 | | 64.9 | | 91.9 | | 49.9 | | 71.7 | | 60.8 | | 73.6 | |
| SR17 | 8/26/2013 | Reference | 653\_0 | 56.6 | | 15.8 | | 66.8 | | 78.8 | | 35.0 | | 53.8 | | 80.6 | | 65.8 | |
| SR0078 | 8/27/2013 | Reference | 654\_0 | 59.8 | | 19.9 | | 72.1 | | 81.8 | | 45.1 | | 57.6 | | 69.9 | | 72.0 | |
| MRC0105 | 8/6/2014 | Non-Ref | 814\_0 | 80.9 | | 100 | | 93.8 | | 100 | | 97.7 | | 75.5 | | 22.3 | | 76.9 | |
| WB201 | 8/18/2014 | Non-Ref | 817\_0 | 47.1 | | 37.3 | | 63.6 | | 47.7 | | 55.5 | | 64.0 | | 28.9 | | 32.4 | |
| WB0417 | 8/19/2014 | Non-Ref | 819\_0 | 32.4 | | 3.0 | | 29.1 | | 59.8 | | 38.7 | | 59.4 | | 28.3 | | 8.3 | |
| WU0003 | 8/20/2014 | Non-Ref | 820\_0 | 55.8 | | 34.3 | | 60.9 | | 70.8 | | 64.5 | | 59.4 | | 26.8 | | 73.7 | |
| WB0425 | 8/25/2014 | Reference | 821\_0 | 54.8 | | 37.6 | | 73.4 | | 78.6 | | 45.3 | | 24.3 | | 53.6 | | 71.1 | |
| MRW15 | 9/25/2014 | Reference | 824\_0 | 57.8 | | 10.7 | | 67.6 | | 77.2 | | 38.8 | | 71.7 | | 78.4 | | 60.5 | |
| MRW192 | 10/7/2014 | Reference | 825\_0 | 64.7 | | 62.5 | | 52.8 | | 77.3 | | 33.5 | | 100 | | 56.7 | | 70.0 | |
| MRW193 | 10/8/2014 | Reference | 826\_0 | 82.2 | | 100 | | 50.7 | | 84.6 | | 100 | | 100 | | 71.9 | | 68.3 | |
| SR10 | 8/25/2014 | Reference | 827\_0 | 46.4 | | 16.7 | | 52.0 | | 70.9 | | 49.3 | | 46.1 | | 28.8 | | 61.3 | |
| SR1 | 8/26/2014 | Reference | 828\_0 | 61.9 | | 32.4 | | 56.8 | | 82.2 | | 25.8 | | 77.3 | | 81.3 | | 77.7 | |
| SR4 | 8/26/2014 | Reference | 829\_0 | 67.5 | | 36.3 | | 76.7 | | 70.9 | | 49.2 | | 100 | | 72.0 | | 67.6 | |
| SR24 | 9/10/2014 | Reference | 830\_0 | 47.8 | | 19.2 | | 87.4 | | 57.6 | | 11.6 | | 61.9 | | 49.5 | | 47.5 | |
| SR14 | 9/18/2014 | Reference | 831\_0 | 58.7 | | 67.6 | | 77.7 | | 67.4 | | 19.6 | | 40.9 | | 62.7 | | 74.9 | |
| WB0444 | 7/16/2015 | Reference | 943\_0 | 33.4 | | 9.5 | | 50.0 | | 61.0 | | 0.0 | | 12.3 | | 45.9 | | 55.3 | |
| wb0436 | 7/28/2015 | Non-Ref | 944\_0 | 53.2 | | 62.4 | | 47.6 | | 76.9 | | 27.3 | | 38.5 | | 41.1 | | 78.2 | |
| WB0429 | 8/3/2015 | Non-Ref | 947\_0 | 42.2 | | 4.5 | | 80.7 | | 60.8 | | 32.5 | | 32.4 | | 38.1 | | 46.4 | |
| WB0442 | 8/4/2015 | Non-Ref | 948\_0 | 44.6 | | 0.0 | | 37.4 | | 67.0 | | 34.2 | | 35.1 | | 53.6 | | 85.2 | |
| WB0428 | 8/6/2015 | Reference | 950\_0 | 46.0 | | 8.9 | | 54.3 | | 53.6 | | 48.9 | | 43.9 | | 50.7 | | 61.4 | |
| WB0431 | 8/17/2015 | Non-Ref | 951\_0 | 59.8 | | 59.4 | | 95.6 | | 59.2 | | 51.3 | | 55.6 | | 63.9 | | 33.8 | |
| SR0079 | 8/20/2015 | Non-Ref | 952\_0 | 57.7 | | 27.1 | | 100 | | 93.1 | | 44.4 | | 55.6 | | 4.2 | | 79.6 | |
| WB0434 | 8/24/2015 | Non-Ref | 953\_0 | 44.9 | | 77.3 | | 42.8 | | 45.3 | | 46.0 | | 16.3 | | 52.8 | | 33.6 | |
| WB0440 | 8/25/2015 | Non-Ref | 954\_0 | 58.3 | | 45.8 | | 20.9 | | 66.8 | | 44.3 | | 76.9 | | 60.8 | | 93.0 | |
| WB0433 | 8/26/2015 | Non-Ref | 955\_0 | 59.1 | | 100 | | 60.0 | | 68.2 | | 38.2 | | 80.1 | | 20.9 | | 46.3 | |
| WB0432 | 9/1/2015 | Non-Ref | 956\_0 | 46.2 | | 46.3 | | 60.5 | | 77.9 | | 23.3 | | 42.2 | | 34.3 | | 38.9 | |
| WB0441 | 9/2/2015 | Reference | 957\_0 | 73.9 | | 73.3 | | 82.8 | | 82.9 | | 44.5 | | 89.6 | | 74.1 | | 70.4 | |
| WU0007 | 9/3/2015 | Reference | 958\_0 | 53.7 | | 45.2 | | 55.9 | | 87.0 | | 24.5 | | 85.9 | | 22.7 | | 54.9 | |
|  |  |  | 959\_1 | 61.1 | | 47.3 | | 28.7 | | 100 | | 27.7 | | 54.6 | | 100 | | 69.3 | |
| SR0083 | 9/16/2015 | Reference | 960\_0 | 64.5 | | 31.4 | | 37.3 | | 88.3 | | 35.9 | | 78.1 | | 100 | | 80.6 | |
| SR0080 | 9/21/2015 | Non-Ref | 961\_0 | 55.9 | | 45.7 | | 100 | | 69.1 | | 39.8 | | 51.1 | | 0.0 | | 85.3 | |
| WB0437 | 9/22/2015 | Non-Ref | 962\_0 | 54.2 | | 100 | | 48.2 | | 15.4 | | 100 | | 57.6 | | 2.7 | | 55.5 | |
|  |  |  | 963\_1 | 44.5 | | 33.6 | | 0.0 | | 22.5 | | 86.3 | | 36.4 | | 64.9 | | 67.9 | |
| SR0082 | 9/23/2015 | Non-Ref | 964\_0 | 42.8 | | 33.8 | | 46.4 | | 57.0 | | 36.8 | | 56.6 | | 23.1 | | 45.7 | |
| WB0430 | 9/28/2015 | Non-Ref | 965\_0 | 60.1 | | 41.5 | | 93.7 | | 71.3 | | 28.4 | | 77.3 | | 23.4 | | 85.1 | |
| WB0426 | 9/29/2015 | Non-Ref | 966\_0 | 21.9 | | 0.0 | | 16.5 | | 1.9 | | 13.6 | | 0.0 | | 76.1 | | 44.9 | |
| WB0447 | 7/14/2015 | Non-Ref | 967\_0 | 55.7 | | 35.5 | | 100 | | 36.9 | | 22.5 | | 43.2 | | 77.0 | | 75.1 | |
| WB0456 | 7/15/2015 | Non-Ref | 968\_0 | 69.1 | | 42.8 | | 100 | | 98.2 | | 54.4 | | 53.2 | | 58.9 | | 75.8 | |
| WB0445 | 8/3/2015 | Non-Ref | 969\_0 | 62.1 | | 76.4 | | 89.6 | | 42.4 | | 52.4 | | 60.3 | | 43.4 | | 69.8 | |
| WB0460 | 8/12/2015 | Non-Ref | 971\_0 | 40.3 | | 12.5 | | 55.9 | | 48.0 | | 44.3 | | 67.1 | | 10.5 | | 43.6 | |
| MRW0197 | 8/12/2015 | Non-Ref | 972\_0 | 48.5 | | 18.8 | | 61.2 | | 83.0 | | 30.8 | | 59.0 | | 0.0 | | 86.9 | |
| WB0459 | 8/14/2015 | Non-Ref | 973\_0 | 69.4 | | 60.8 | | 100 | | 82.6 | | 50.2 | | 60.3 | | 32.9 | | 99.1 | |
| MRW0199 | 8/17/2015 | Non-Ref | 974\_0 | 56.8 | | 28.2 | | 92.5 | | 65.5 | | 51.1 | | 57.6 | | 26.7 | | 75.7 | |
| MRW0195 | 8/18/2015 | Non-Ref | 975\_0 | 60.6 | | 35.0 | | 70.7 | | 96.6 | | 36.9 | | 47.0 | | 55.1 | | 83.1 | |
| MRW0194 | 8/18/2015 | Non-Ref | 976\_0 | 44.2 | | 2.8 | | 57.5 | | 85.6 | | 32.9 | | 48.1 | | 19.8 | | 62.5 | |
| MRW0201 | 8/19/2015 | Non-Ref | 977\_0 | 64.5 | | 66.6 | | 100 | | 71.3 | | 88.7 | | 35.1 | | 26.9 | | 63.1 | |
| WB0449 | 8/24/2015 | Non-Ref | 978\_0 | 65.5 | | 36.6 | | 98.9 | | 93.5 | | 34.3 | | 59.4 | | 80.8 | | 54.8 | |
| MRW0198 | 8/25/2015 | Non-Ref | 979\_0 | 64.4 | | 39.1 | | 51.8 | | 74.6 | | 42.3 | | 80.7 | | 100 | | 62.5 | |
| MRW0196 | 8/26/2015 | Non-Ref | 980\_0 | 57.7 | | 100 | | 39.3 | | 95.4 | | 24.4 | | 61.5 | | 13.6 | | 70.0 | |
| WB0451 | 9/1/2015 | Non-Ref | 982\_0 | 43.8 | | 5.0 | | 82.2 | | 63.2 | | 30.7 | | 74.6 | | 6.1 | | 44.8 | |
| MRW0200 | 9/14/2015 | Non-Ref | 983\_0 | 66.4 | | 26.0 | | 63.0 | | 92.6 | | 31.5 | | 74.6 | | 97.5 | | 79.6 | |
| WB0452 | 9/15/2015 | Non-Ref | 984\_0 | 59.9 | | 66.3 | | 87.6 | | 67.1 | | 61.5 | | 41.1 | | 22.5 | | 73.3 | |
| WB0455 | 9/21/2015 | Non-Ref | 985\_0 | 68.2 | | 62.4 | | 64.3 | | 84.8 | | 69.9 | | 67.4 | | 77.0 | | 51.6 | |
| WB0454 | 9/22/2015 | Non-Ref | 986\_0 | 57.4 | | 55.4 | | 59.1 | | 59.8 | | 63.4 | | 68.2 | | 31.8 | | 63.8 | |
| WB0458 | 9/23/2015 | Non-Ref | 987\_0 | 50.3 | | 64.1 | | 17.8 | | 54.4 | | 42.2 | | 54.6 | | 62.5 | | 56.6 | |
| WB0453 | 9/23/2015 | Non-Ref | 988\_0 | 60.6 | | 81.3 | | 74.0 | | 69.0 | | 48.0 | | 84.9 | | 15.6 | | 51.4 | |
| WB0446 | 9/29/2015 | Non-Ref | 989\_0 | 48.4 | | 35.4 | | 78.9 | | 59.7 | | 34.7 | | 32.4 | | 33.8 | | 63.7 | |
| WB0448 | 9/30/2015 | Non-Ref | 990\_0 | 51.5 | | 41.9 | | 0.0 | | 78.5 | | 47.6 | | 58.5 | | 61.6 | | 72.0 | |
| MRW5 | 10/6/2015 | Reference | 992\_0 | 56.7 | | 9.3 | | 82.8 | | 85.5 | | 30.5 | | 69.0 | | 38.1 | | 81.3 | |
| MRW0202 | 10/7/2015 | Reference | 993\_0 | 54.6 | | 9.4 | | 57.9 | | 76.8 | | 44.0 | | 43.5 | | 65.6 | | 85.2 | |
| WHP0061 | 8/3/2016 | Non-Ref | 994\_0 | 46.2 | | 30.0 | | 52.7 | | 73.0 | | 21.9 | | 63.3 | | 17.6 | | 65.2 | |
| SR0086 | 8/15/2016 | Reference | 995\_0 | 45.6 | | 3.6 | | 49.5 | | 72.4 | | 39.8 | | 71.7 | | 26.1 | | 55.9 | |
| WB0465 | 8/16/2016 | Non-Ref | 996\_0 | 58.9 | | 25.1 | | 83.8 | | 36.7 | | 34.5 | | 58.7 | | 91.0 | | 82.1 | |
| WB0463 | 8/17/2016 | Non-Ref | 998\_0 | 57.3 | | 13.9 | | 69.8 | | 22.1 | | 76.9 | | 66.5 | | 80.6 | | 71.6 | |
| SR0089 | 8/18/2016 | Non-Ref | 999\_0 | 59.6 | | 45.5 | | 60.6 | | 100 | | 34.1 | | 77.3 | | 0.0 | | 100 | |
| SR0090 | 8/24/2016 | Non-Ref | 1000\_0 | 51.7 | | 15.4 | | 6.7 | | 100 | | 38.4 | | 49.8 | | 51.5 | | 100 | |
| SR0096 | 8/25/2016 | Non-Ref | 1001\_0 | 47.7 | | 13.1 | | 2.7 | | 93.2 | | 34.3 | | 71.1 | | 38.8 | | 81.0 | |
| SR0093 | 8/29/2016 | Reference | 1002\_0 | 54.9 | | 15.6 | | 36.8 | | 84.1 | | 49.0 | | 70.4 | | 55.0 | | 73.1 | |
| SR0087 | 8/31/2016 | Non-Ref | 1004\_0 | 42.9 | | 3.6 | | 26.5 | | 69.0 | | 38.1 | | 57.6 | | 27.4 | | 78.3 | |
| SR0095 | 9/1/2016 | Non-Ref | 1005\_0 | 60.5 | | 25.8 | | 48.9 | | 91.8 | | 51.8 | | 52.0 | | 70.6 | | 82.9 | |
| SR0091 | 9/12/2016 | Reference | 1006\_0 | 56.1 | | 14.3 | | 61.8 | | 77.5 | | 40.4 | | 100 | | 35.8 | | 62.9 | |
| SR0084 | 9/14/2016 | Non-Ref | 1008\_0 | 60.8 | | 57.3 | | 100 | | 78.7 | | 39.1 | | 64.2 | | 16.5 | | 70.0 | |
| SR0085 | 9/14/2016 | Non-Ref | 1009\_0 | 63.0 | | 43.2 | | 100 | | 78.1 | | 42.4 | | 61.2 | | 31.6 | | 84.7 | |
| WB0461 | 9/15/2016 | Non-Ref | 1010\_0 | 53.9 | | 59.7 | | 48.2 | | 73.9 | | 66.6 | | 55.6 | | 0.0 | | 73.2 | |
| WB0464 | 10/3/2016 | Non-Ref | 1011\_0 | 49.3 | | 13.5 | | 73.6 | | 61.1 | | 23.5 | | 46.1 | | 34.1 | | 93.4 | |
| MRW0208 | 10/12/2016 | Non-Ref | 1012\_0 | 59.1 | | 49.6 | | 82.6 | | 64.2 | | 75.9 | | 47.9 | | 18.1 | | 75.3 | |
| MRW0207 | 10/13/2016 | Non-Ref | 1013\_0 | 60.5 | | 21.0 | | 75.2 | | 100 | | 11.4 | | 86.2 | | 42.3 | | 87.7 | |
| WB0473 | 7/13/2016 | Non-Ref | 1014\_0 | 50.2 | | 15.9 | | 69.6 | | 80.8 | | 21.7 | | 66.5 | | 25.4 | | 71.2 | |
| WB0475 | 7/14/2016 | Non-Ref | 1015\_0 | 68.2 | | 48.9 | | 72.1 | | 87.7 | | 28.6 | | 69.2 | | 100 | | 70.6 | |
| WB0481 | 7/25/2016 | Non-Ref | 1016\_0 | 25.8 | | 12.8 | | 45.5 | | 27.1 | | 24.3 | | 33.1 | | 0.1 | | 38.1 | |
| WB0470 | 7/26/2016 | Non-Ref | 1017\_0 | 49.1 | | 17.3 | | 47.6 | | 49.1 | | 27.4 | | 56.6 | | 80.7 | | 65.3 | |
| WB0479 | 7/27/2016 | Non-Ref | 1018\_0 | 80.2 | | 98.8 | | 40.4 | | 100 | | 74.8 | | 52.3 | | 95.2 | | 100 | |
| WB0467 | 8/1/2016 | Non-Ref | 1019\_0 | 62.3 | | 33.7 | | 56.2 | | 42.1 | | 56.4 | | 67.1 | | 80.5 | | 99.9 | |
| MRW0205 | 8/3/2016 | Non-Ref | 1021\_0 | 36.7 | | 16.6 | | 36.1 | | 61.7 | | 39.8 | | 25.2 | | 16.2 | | 61.1 | |
| WB0477 | 8/4/2016 | Non-Ref | 1022\_0 | 57.4 | | 35.3 | | 69.3 | | 54.3 | | 47.5 | | 52.9 | | 76.1 | | 66.4 | |
| WB0480 | 8/8/2016 | Non-Ref | 1023\_0 | 70.2 | | 30.1 | | 97.5 | | 74.6 | | 63.3 | | 75.1 | | 71.2 | | 79.5 | |
| WB0468 | 8/9/2016 | Non-Ref | 1024\_0 | 63.4 | | 16.8 | | 64.8 | | 100 | | 37.3 | | 64.7 | | 70.5 | | 89.8 | |
| WB0469 | 8/10/2016 | Non-Ref | 1025\_0 | 52.0 | | 10.1 | | 61.2 | | 55.0 | | 35.2 | | 40.9 | | 77.3 | | 84.5 | |
| WB0478 | 8/22/2016 | Non-Ref | 1026\_0 | 61.4 | | 28.8 | | 44.8 | | 78.5 | | 63.6 | | 64.7 | | 83.0 | | 66.3 | |
| SR0098 | 8/24/2016 | Non-Ref | 1028\_0 | 86.2 | | 73.9 | | 76.0 | | 82.5 | | 70.7 | | 100 | | 100 | | 100 | |
| SR0097 | 8/24/2016 | Non-Ref | 1029\_0 | 67.4 | | 31.7 | | 37.9 | | 74.5 | | 60.0 | | 67.4 | | 100 | | 100 | |
| MRW0204 | 9/8/2016 | Reference | 1031\_0 | 56.3 | | 40.2 | | 48.7 | | 68.7 | | 38.0 | | 82.8 | | 67.4 | | 47.9 | |
| wb0472 | 9/12/2016 | Non-Ref | 1032\_0 | 39.9 | | 19.9 | | 41.8 | | 22.5 | | 47.6 | | 41.4 | | 42.7 | | 63.5 | |
| WB0474 | 9/13/2016 | Non-Ref | 1033\_0 | 66.2 | | 51.6 | | 77.7 | | 90.6 | | 51.3 | | 40.4 | | 89.6 | | 62.1 | |
| WB0471 | 9/20/2016 | Non-Ref | 1034\_0 | 65.6 | | 52.3 | | 100 | | 62.5 | | 34.1 | | 87.8 | | 55.4 | | 67.1 | |
| SR0094 | 9/21/2016 | Reference | 1035\_0 | 62.3 | | 32.3 | | 53.6 | | 83.9 | | 16.3 | | 84.1 | | 85.4 | | 80.5 | |
| SR0102 | 7/13/2016 | Reference | 1037\_0 | 67.7 | | 20.7 | | 60.9 | | 94.0 | | 36.0 | | 88.6 | | 73.5 | | 100 | |
| NGP0259 | 8/1/2016 | Non-Ref | 1038\_0 | 29.4 | | 1.1 | | 37.9 | | 52.0 | | 31.1 | | 42.2 | | 41.1 | | 0.0 | |
| NGP0257 | 8/2/2016 | Non-Ref | 1039\_0 | 79.1 | | 70.3 | | 100 | | 83.6 | | 54.5 | | 87.5 | | 73.2 | | 84.8 | |
| WB0484 | 8/8/2016 | Non-Ref | 1040\_0 | 38.1 | | 32.8 | | 7.4 | | 64.2 | | 17.9 | | 13.3 | | 79.9 | | 51.3 | |
| SR0101 | 8/10/2016 | Non-Ref | 1041\_0 | 41.1 | | 4.5 | | 49.7 | | 12.5 | | 31.6 | | 71.1 | | 75.1 | | 43.1 | |
| SR0100 | 8/22/2016 | Reference | 1043\_0 | 51.4 | | 24.6 | | 62.6 | | 57.8 | | 0.0 | | 80.1 | | 74.0 | | 60.6 | |
| WB0482 | 8/23/2016 | Non-Ref | 1044\_0 | 40.8 | | 18.3 | | 73.2 | | 14.3 | | 15.8 | | 37.5 | | 75.6 | | 51.0 | |
| WB0483 | 8/24/2016 | Non-Ref | 1045\_0 | 60.9 | | 30.8 | | 91.8 | | 74.1 | | 23.3 | | 67.4 | | 96.5 | | 42.5 | |
| NGP0260 | 10/10/2016 | Non-Ref | 1046\_0 | 41.8 | | 1.7 | | 39.4 | | 41.4 | | 23.6 | | 51.1 | | 93.0 | | 42.3 | |
| WHP0059 | 7/19/2016 | Non-Ref | 1047\_0 | 38.1 | | 27.7 | | 66.0 | | 42.9 | | 77.0 | | 38.9 | | 0.0 | | 14.3 | |
| WHP0060 | 7/21/2016 | Non-Ref | 1048\_0 | 41.2 | | 48.8 | | 34.6 | | 51.9 | | 94.3 | | 26.1 | | 0.0 | | 33.0 | |
| WHP0055 | 7/27/2016 | Non-Ref | 1049\_0 | 60.6 | | 55.4 | | 85.5 | | 48.9 | | 57.8 | | 73.5 | | 38.6 | | 64.6 | |
| SR0088 | 7/28/2016 | Non-Ref | 1050\_0 | 53.5 | | 62.5 | | 82.7 | | 90.5 | | 33.3 | | 54.6 | | 14.7 | | 35.9 | |
| WHP0057 | 8/1/2016 | Non-Ref | 1051\_0 | 76.4 | | 52.8 | | 86.6 | | 100 | | 80.4 | | 100 | | 27.5 | | 87.6 | |
| WHP0058 | 8/2/2016 | Non-Ref | 1052\_0 | 73.8 | | 40.8 | | 71.9 | | 87.1 | | 74.1 | | 79.2 | | 77.5 | | 85.8 | |
| WB0492 | 7/18/2017 | Non-Ref | 1097\_0 | 53.2 | | 1.4 | | 49.0 | | 100 | | 61.7 | | 38.5 | | 69.3 | | 52.5 | |
| WB0443 | 7/19/2017 | Non-Ref | 1098\_0 | 45.9 | | 0.0 | | 62.4 | | 74.8 | | 25.0 | | 26.6 | | 90.8 | | 41.4 | |
| WB0491 | 7/20/2017 | Reference | 1099\_0 | 60.4 | | 15.4 | | 62.1 | | 85.3 | | 42.9 | | 65.6 | | 72.3 | | 79.2 | |
| SR0104 | 8/28/2017 | Reference | 1100\_0 | 67.1 | | 35.1 | | 76.1 | | 77.5 | | 82.2 | | 64.0 | | 65.9 | | 68.5 | |
| SR0107 | 8/29/2017 | Non-Ref | 1101\_0 | 67.6 | | 24.1 | | 64.8 | | 86.2 | | 52.0 | | 65.6 | | 80.7 | | 100 | |
| sr0105 | 8/31/2017 | Reference | 1103\_0 | 57.0 | | 35.3 | | 58.9 | | 49.1 | | 59.9 | | 69.7 | | 65.9 | | 60.0 | |
| SR0108 | 8/31/2017 | Reference | 1104\_0 | 77.1 | | 59.5 | | 32.2 | | 85.2 | | 94.6 | | 100 | | 100 | | 68.2 | |
| SRI8 | 9/7/2017 | Reference | 1105\_0 | 42.5 | | 9.8 | | 42.6 | | 68.2 | | 31.8 | | 42.2 | | 53.6 | | 49.3 | |
| WB0302 | 11/6/2017 | Non-Ref | 1106\_0 | 37.7 | | 2.3 | | 4.3 | | 70.4 | | 45.2 | | 16.3 | | 83.1 | | 42.0 | |
| WB0311 | 11/6/2017 | Non-Ref | 1107\_0 | 26.4 | | 1.7 | | 27.6 | | 65.3 | | 15.2 | | 20.5 | | 54.7 | | 0.0 | |
| WB0307 | 11/7/2017 | Non-Ref | 1108\_0 | 35.4 | | 12.8 | | 12.5 | | 18.8 | | 91.4 | | 57.6 | | 46.1 | | 8.2 | |
| MRW4 | 9/18/2017 | Reference | 1109\_0 | 52.7 | | 8.5 | | 3.2 | | 73.0 | | 35.0 | | 100 | | 75.4 | | 73.7 | |
| WB0452 | 9/19/2017 | Non-Ref | 1110\_0 | 63.4 | | 34.5 | | 56.0 | | 78.9 | | 35.8 | | 88.8 | | 49.5 | | 100 | |
| MRW50 | 9/19/2017 | Reference | 1111\_0 | 67.8 | | 27.5 | | 63.9 | | 81.3 | | 46.0 | | 78.1 | | 89.2 | | 88.9 | |
| WB0494 | 9/25/2017 | Non-Ref | 1112\_0 | 61.1 | | 49.4 | | 52.7 | | 74.5 | | 57.4 | | 76.5 | | 57.0 | | 60.1 | |
| WB0453 | 9/20/2017 | Non-Ref | 1113\_0 | 70.4 | | 59.8 | | 0.0 | | 95.4 | | 84.6 | | 81.3 | | 71.3 | | 100 | |
| MRW0212 | 8/23/2017 | Reference | 1115\_0 | 68.8 | | 22.2 | | 85.3 | | 73.0 | | 38.5 | | 84.5 | | 100 | | 78.0 | |
| MRW0213 | 8/24/2017 | Non-Ref | 1116\_0 | 69.9 | | 43.2 | | 24.9 | | 78.1 | | 42.8 | | 100 | | 100 | | 100 | |
| MRWI41 | 8/25/2017 | Reference | 1118\_0 | 87.8 | | 59.1 | | 55.8 | | 100 | | 100 | | 100 | | 100 | | 100 | |
| MRW0203 | 8/28/2017 | Non-Ref | 1119\_0 | 64.2 | | 30.2 | | 26.1 | | 91.7 | | 51.6 | | 76.5 | | 73.0 | | 100 | |
| MRW0216 | 8/31/2017 | Non-Ref | 1120\_0 | 68.4 | | 51.9 | | 50.6 | | 55.3 | | 69.8 | | 51.1 | | 100 | | 100 | |
| MRW0214 | 8/16/2017 | Reference | 1121\_0 | 68.0 | | 21.1 | | 66.5 | | 71.4 | | 37.2 | | 100 | | 100 | | 79.7 | |
| MRW0215 | 8/17/2017 | Reference | 1122\_0 | 84.4 | | 78.0 | | 69.9 | | 70.1 | | 93.1 | | 89.2 | | 100 | | 90.3 | |
| WB0490 | 7/16/2018 | Non-Ref | 1184\_0 | 46.5 | | 16.7 | | 49.0 | | 63.5 | | 38.6 | | 42.2 | | 39.3 | | 76.0 | |
| WB0443 | 7/18/2018 | Non-Ref | 1186\_0 | 47.0 | | 0.0 | | 62.4 | | 66.0 | | 33.6 | | 49.8 | | 47.0 | | 70.6 | |
| WB0491 | 7/18/2018 | Reference | 1187\_0 | 55.0 | | 18.7 | | 62.1 | | 79.6 | | 55.2 | | 58.5 | | 44.3 | | 66.4 | |
| SR0106 | 8/14/2018 | Reference | 1189\_0 | 79.5 | | 49.8 | | 96.8 | | 94.0 | | 76.8 | | 85.9 | | 52.9 | | 100 | |
| SRI8 | 8/14/2018 | Reference | 1190\_0 | 68.7 | | 24.1 | | 74.2 | | 97.5 | | 36.9 | | 87.3 | | 69.9 | | 91.1 | |
| SR0108 | 8/15/2018 | Reference | 1191\_0 | 55.6 | | 18.0 | | 79.7 | | 83.7 | | 60.3 | | 76.9 | | 3.7 | | 67.1 | |
| sr0105 | 8/15/2018 | Reference | 1192\_0 | 57.6 | | 29.6 | | 58.9 | | 97.2 | | 35.4 | | 58.5 | | 55.1 | | 68.5 | |
| SR0104 | 8/16/2018 | Reference | 1193\_0 | 54.3 | | 31.4 | | 44.4 | | 73.7 | | 58.3 | | 68.2 | | 38.1 | | 65.9 | |
| MRW0216 | 8/27/2018 | Non-Ref | 1195\_0 | 65.6 | | 36.4 | | 82.3 | | 72.0 | | 60.1 | | 69.0 | | 62.4 | | 77.2 | |
| MRW0213 | 8/20/2018 | Non-Ref | 1196\_0 | 54.6 | | 35.5 | | 0.0 | | 76.3 | | 62.0 | | 65.6 | | 85.0 | | 57.7 | |
| MRW0200 | 8/21/2018 | Non-Ref | 1197\_0 | 60.1 | | 23.1 | | 47.2 | | 92.6 | | 57.8 | | 100 | | 0.0 | | 100 | |
| MRW0212 | 8/22/2018 | Reference | 1198\_0 | 53.6 | | 31.3 | | 53.7 | | 84.8 | | 52.0 | | 84.5 | | 0.0 | | 69.0 | |
| MRW0203 | 8/28/2018 | Non-Ref | 1199\_0 | 66.0 | | 19.2 | | 57.8 | | 93.5 | | 45.6 | | 67.1 | | 79.1 | | 100 | |
| MRW0214 | 8/14/2018 | Reference | 1200\_0 | 52.9 | | 19.8 | | 50.7 | | 87.5 | | 47.1 | | 86.2 | | 18.8 | | 60.4 | |
| MRW0215 | 8/13/2018 | Reference | 1201\_0 | 54.2 | | 35.8 | | 69.9 | | 85.4 | | 48.4 | | 87.8 | | 1.8 | | 50.5 | |
| MRW4 | 9/11/2018 | Reference | 1202\_0 | 59.4 | | 15.0 | | 34.9 | | 100 | | 39.4 | | 100 | | 33.7 | | 92.9 | |
| MRW50 | 9/13/2018 | Reference | 1203\_0 | 56.1 | | 53.2 | | 63.9 | | 62.2 | | 32.5 | | 87.0 | | 37.8 | | 56.2 | |
| WB0453 | 9/17/2018 | Non-Ref | 1204\_0 | 64.7 | | 64.6 | | 74.0 | | 58.9 | | 45.1 | | 88.4 | | 42.2 | | 80.0 | |
| WB0494 | 9/18/2018 | Non-Ref | 1206\_0 | 62.6 | | 80.3 | | 68.5 | | 64.3 | | 77.7 | | 64.0 | | 25.5 | | 57.7 | |
| WB0452 | 9/12/2018 | Non-Ref | 1207\_0 | 57.9 | | 43.5 | | 24.3 | | 85.9 | | 37.8 | | 76.9 | | 37.1 | | 100 | |
| MRW0146 | 8/29/2018 | Non-Ref | 1208\_0 | 53.2 | | 72.8 | | 51.8 | | 31.1 | | 85.2 | | 77.3 | | 0.0 | | 54.5 | |
| MRW20 | 9/5/2018 | Reference | 1209\_0 | 60.5 | | 27.2 | | 71.6 | | 87.3 | | 35.3 | | 100 | | 19.5 | | 82.6 | |
| MRW47 | 10/11/2018 | Reference | 1210\_0 | 77.7 | | 94.7 | | 76.8 | | 74.4 | | 68.7 | | 77.7 | | 62.4 | | 89.1 | |
| WB0405 | 8/1/2018 | Non-Ref | 1211\_0 | 48.5 | | 15.4 | | 41.8 | | 69.7 | | 41.7 | | 34.8 | | 85.1 | | 51.0 | |
| WB0489 | 8/1/2018 | Non-Ref | 1212\_0 | 45.7 | | 5.0 | | 0.2 | | 84.8 | | 49.9 | | 39.4 | | 79.7 | | 61.0 | |
| WB0487 | 8/1/2018 | Non-Ref | 1213\_0 | 59.7 | | 41.8 | | 28.3 | | 94.5 | | 80.2 | | 66.5 | | 63.8 | | 42.5 | |
| WB0302 | 8/2/2018 | Non-Ref | 1215\_0 | 47.1 | | 42.1 | | 20.2 | | 58.8 | | 80.8 | | 22.9 | | 67.2 | | 37.8 | |
| WB0498 | 8/2/2018 | Non-Ref | 1216\_0 | 51.0 | | 31.3 | | 43.1 | | 63.4 | | 69.0 | | 45.5 | | 67.7 | | 37.3 | |
| WB0311 | 8/2/2018 | Non-Ref | 1217\_0 | 64.0 | | 39.2 | | 27.6 | | 94.1 | | 74.2 | | 54.6 | | 100 | | 58.3 | |
| WB0307 | 8/6/2018 | Non-Ref | 1218\_0 | 59.2 | | 30.5 | | 44.2 | | 87.4 | | 75.6 | | 47.0 | | 89.4 | | 40.6 | |
| WB0488 | 8/6/2018 | Non-Ref | 1219\_0 | 54.7 | | 28.2 | | 60.1 | | 95.2 | | 62.9 | | 47.0 | | 54.0 | | 35.8 | |
| WB0405 | 9/16/2019 | Non-Ref | 1309\_0 | 53.6 | | 30.5 | | 41.8 | | 67.4 | | 65.5 | | 49.8 | | 64.1 | | 56.0 | |
| WB0489 | 9/16/2019 | Non-Ref | 1310\_0 | 46.1 | | 20.8 | | 31.8 | | 53.1 | | 64.8 | | 47.0 | | 53.9 | | 51.1 | |
| WB0488 | 9/16/2019 | Non-Ref | 1311\_0 | 51.3 | | 25.8 | | 44.3 | | 76.4 | | 60.7 | | 39.4 | | 59.2 | | 53.4 | |
| WB0487 | 9/16/2019 | Non-Ref | 1312\_0 | 41.2 | | 23.0 | | 28.3 | | 74.6 | | 44.6 | | 53.5 | | 18.3 | | 46.3 | |
| WB0346 | 9/16/2019 | Non-Ref | 1313\_0 | 58.7 | | 30.0 | | 26.9 | | 86.6 | | 68.3 | | 53.5 | | 82.5 | | 63.5 | |
| WB0498 | 9/17/2019 | Non-Ref | 1314\_0 | 43.5 | | 34.2 | | 43.1 | | 58.4 | | 78.5 | | 22.9 | | 18.3 | | 48.8 | |
| WB0307 | 9/17/2019 | Non-Ref | 1316\_0 | 49.6 | | 34.0 | | 44.2 | | 86.1 | | 77.9 | | 32.4 | | 35.7 | | 36.9 | |
| WB0302 | 9/17/2019 | Non-Ref | 1317\_0 | 53.4 | | 8.4 | | 4.3 | | 84.1 | | 43.8 | | 52.9 | | 100 | | 80.2 | |
| WB0518 | 9/17/2019 | Reference | 1318\_0 | 61.5 | | 58.8 | | 61.2 | | 71.5 | | 64.9 | | 69.0 | | 41.0 | | 63.9 | |
| WB0477 | 8/14/2019 | Non-Ref | 1319\_0 | 64.2 | | 27.0 | | 85.1 | | 80.8 | | 50.9 | | 63.1 | | 58.7 | | 84.0 | |
| WB0500 | 8/15/2019 | Degraded | 1320\_0 | 86.6 | | 57.5 | | 100 | | 100 | | 76.2 | | 90.8 | | 81.8 | | 100 | |
| WB0478 | 8/16/2019 | Non-Ref | 1321\_0 | 62.3 | | 86.5 | | 44.8 | | 85.7 | | 40.7 | | 85.9 | | 22.1 | | 70.4 | |
| MRW0232 | 8/20/2019 | Non-Ref | 1323\_0 | 68.1 | | 23.0 | | 42.5 | | 92.7 | | 43.5 | | 100 | | 100 | | 75.0 | |
| MRW0226 | 8/20/2019 | Reference | 1324\_0 | 69.4 | | 47.1 | | 61.4 | | 82.0 | | 54.2 | | 100 | | 70.2 | | 70.7 | |
| MRW0206 | 8/20/2019 | Non-Ref | 1325\_0 | 81.7 | | 72.7 | | 96.5 | | 100 | | 91.7 | | 100 | | 11.0 | | 100 | |
| WB205 | 8/21/2019 | Non-Ref | 1326\_0 | 78.5 | | 33.7 | | 74.8 | | 100 | | 70.5 | | 70.7 | | 100 | | 100 | |
| MRW0206 | 8/10/2020 | Non-Ref | 1498\_0 | 78.8 | | 85.4 | | 49.0 | | 100 | | 100 | | 100 | | 17.6 | | 99.7 | |
| MRW0226 | 8/11/2020 | Reference | 1499\_0 | 55.7 | | 26.0 | | 61.4 | | 78.7 | | 42.5 | | 83.7 | | 28.3 | | 69.6 | |
| MRW0232 | 8/11/2020 | Non-Ref | 1500\_0 | 57.5 | | 13.7 | | 26.7 | | 92.7 | | 35.1 | | 100 | | 54.6 | | 79.6 | |
| WB0500 | 8/11/2020 | Degraded | 1501\_0 | 83.4 | | 37.5 | | 100 | | 98.8 | | 75.2 | | 72.4 | | 100 | | 100 | |
| WB25 | 8/13/2020 | Reference | 1503\_0 | 56.4 | | 23.3 | | 84.3 | | 76.7 | | 58.1 | | 53.2 | | 18.7 | | 80.3 | |
| WB0477 | 8/13/2020 | Non-Ref | 1504\_0 | 57.6 | | 37.7 | | 37.6 | | 66.1 | | 78.2 | | 65.9 | | 26.9 | | 90.9 | |
| WB0478 | 8/14/2020 | Non-Ref | 1505\_0 | 69.3 | | 31.0 | | 76.5 | | 98.9 | | 52.6 | | 71.1 | | 55.3 | | 100 | |