Supplementary 3. DNA concentration measured with Thermo Scientific™ NanoDrop 2000 for each samples extracted with Qiagen method.

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| Eel | Name | Year | Concentration [ng/µl] | 260/280 | 260/230 |
| 1 | Ang17\_0050 | 2017 | 2.7 | 1.06 | 1.09 |
| 2 | Ang17\_0051 | 2017 | 4.1 | 4.4 | 0.68 |
| 3 | Ang17\_0052 | 2017 | 6.2 | 2.01 | 0.41 |
| 4 | Ang17\_0053 | 2017 | 6.3 | 2.04 | 0.54 |
| 5 | Ang17\_0059 | 2017 | 5.1 | 10.6 | 0.56 |
| 6 | Ang17\_0062 | 2017 | 2 | 1.78 | 0.31 |
| 7 | Ang17\_0079 | 2017 | 23.2 | 1.81 | 2.04 |
| 8 | Ang17\_0080 | 2017 | 31 | 5.76 | 0.78 |
| 9 | Ang17\_0081 | 2017 | 5.3 | 1.51 | 0.45 |
| 10 | Ang17\_0082 | 2017 | 4.1 | 3.05 | 0.41 |
| 11 | Ang17\_0083 | 2017 | 6 | 3.15 | 0.68 |
| 12 | Ang17\_0085 | 2017 | 5.5 | 0.71 | 0.91 |
| 13 | ANG18\_1000 | 2018 | 1.5 | 3.82 | 1.01 |
| 14 | ANG18\_1001 | 2018 | 2.4 | 0.69 | 0.5 |
| 15 | ANG18\_1002 | 2018 | 0.2 | 0.78 | 0.81 |
| 16 | ANG18\_1003 | 2018 | 1.8 | 1.02 | 0.74 |
| 17 | ANG18\_1004 | 2018 | 1.4 | 0.22 | 1.05 |
| 18 | ANG18\_1005 | 2018 | 0.4 | 1.24 | 2.7 |
| 19 | ANG18\_1006 | 2018 | 1.4 | 0.78 | 0.32 |
| 20 | ANG18\_1007 | 2018 | 2.6 | 1.83 | 1.75 |
| 21 | ANG18\_1008 | 2018 | 4.3 | 0.53 | 0.9 |
| 22 | ANG18\_1009 | 2018 | 3 | 1.9 | 1.57 |
| 23 | ANG18\_1010 | 2018 | 2.5 | 2.73 | 7.32 |
| 24 | ANG18\_1011 | 2018 | 1.1 | 0.43 | 0.89 |
| 25 | ANG18\_1012 | 2018 | 3.2 | 1.92 | 1.43 |
| 26 | ANG18\_1013 | 2018 | 3.3 | 1.48 | 3.87 |
| 27 | ANG18\_1018 | 2018 | 12.4 | 1.9 | 1.84 |
| 28 | ANG18\_1019 | 2018 | 0.6 | 0.33 | 0.76 |
| 29 | ANG18\_1020 | 2018 | 0.8 | 0.69 | 0.94 |
| 30 | ANG18\_1023 | 2018 | 5.3 | 1.24 | 1.89 |
| 31 | ANG18\_1024 | 2018 | 20.3 | 1.65 | 2.65 |
| 32 | ANG18\_1025 | 2018 | 7.2 | 1.83 | 3.57 |
| 33 | ANG18\_1029 | 2018 | 0.8 | 1.79 | 2.95 |
| 34 | ANG18\_1030 | 2018 | 0.8 | 2.75 | 1.46 |
| 35 | ANG18\_1034 | 2018 | 1 | 0.46 | 0.71 |
| 36 | ANG19\_40 | 2019 | 2.6 | 2.36 | 2.45 |
| 37 | ANG19\_41 | 2019 | 0.8 | 0.92 | 0.41 |
| 38 | ANG19\_42 | 2019 | 0.3 | 0.9 | 0.81 |
| 39 | ANG19\_43 | 2019 | 0.5 | 0.89 | 0.88 |
| 40 | ANG19\_44 | 2019 | 2.9 | 0.47 | 1.62 |
| 41 | ANG19\_45 | 2019 | 3.8 | 1.78 | 1.43 |
| 42 | ANG19\_46 | 2019 | 0.2 | 2.3 | 2.54 |
| 43 | ANG19\_47 | 2019 | 0.9 | 2.71 | 4.34 |
| 44 | ANG19\_48 | 2019 | 17.3 | 7.31 | 1.98 |
| 45 | ANG19\_49 | 2019 | 2.7 | 0.44 | 6.41 |
| 46 | ANG19\_50 | 2019 | 14.1 | 1.36 | 1.82 |
| 47 | ANG19\_51 | 2019 | 0.5 | 0.77 | 0.38 |
| 48 | ANG19\_63 | 2019 | 2.4 | 0.91 | 1.43 |
| 49 | ANG19\_64 | 2019 | 0.4 | 1.76 | 1.1 |
| 50 | ANG19\_65 | 2019 | 15.2 | 3.54 | 4.56 |
| 51 | ANG19\_66 | 2019 | 7.4 | 2.2 | 1.9 |
| 52 | ANG19\_67 | 2019 | 1.3 | 1.21 | 1.23 |
| 53 | ANG19\_68 | 2019 | 1.2 | 1.91 | 1.21 |
| 54 | ANG19\_69 | 2019 | 1.3 | 1.08 | 1.01 |
| 55 | ANG19\_70 | 2019 | 0.7 | 0.53 | 0.71 |
| 56 | ANG19\_71 | 2019 | 1.2 | 1.31 | 1.45 |
| 57 | ANG19\_72 | 2019 | 1.6 | 1.2 | 1.32 |
| 58 | ANG19\_73 | 2019 | 3.3 | 2.21 | 4.4 |
| 59 | ANG19\_74 | 2019 | 3.7 | 0.45 | 0.43 |
| 60 | NE2018\_1 | 2018N | 84 | 1.96 | 1.73 |
| 61 | NE2018\_2 | 2018N | 153 | 2.03 | 1.88 |
| 62 | NE2018\_3 | 2018N | 19 | 0.86 | 0.39 |
| 63 | NE2018\_4 | 2018N | 74 | 1.91 | 1.92 |
| 64 | NE2018\_5 | 2018N | 10.2 | 1.57 | 8.32 |
| 65 | NE2018\_6 | 2018N | 73.5 | 1.77 | 2.52 |
| 66 | NE2018\_7 | 2018N | 5.6 | 1.37 | 2.27 |
| 67 | NE2018\_8 | 2018N | 5.3 | 1.83 | 0.53 |
| 68 | NE2018\_9 | 2018N | 3.3 | 1.53 | 3.62 |
| 69 | NE2018\_10 | 2018N | 58.7 | 1.57 | 0.35 |
| 70 | NE2018\_11 | 2018N | 10.3 | 1.96 | 1.75 |
| 71 | NE2018\_12 | 2018N | 14.8 | 1.75 | 4.28 |
| 72 | NE2018\_13 | 2018N | 18.6 | 1.87 | 3.28 |
| 73 | NE2018\_14 | 2018N | 47.2 | 1.97 | 1.86 |
| 74 | NE2018\_15 | 2018N | 22.9 | 1.65 | 3.62 |
| 75 | NE2018\_16 | 2018N | 68.2 | 1.82 | 1.87 |
| 76 | NE2018\_17 | 2018N | 40.1 | 2.01 | 1.45 |
| 77 | NE2018\_18 | 2018N | 12.1 | 2.5 | 1.74 |
| 78 | NE2018\_19 | 2018N | 43.5 | 2.41 | 3.62 |
| 79 | NE2018\_20 | 2018N | 65.4 | 1.03 | 2.7 |
| 80 | NE2018\_21 | 2018N | 0.9 | 0.76 | 1.73 |
| 81 | NE2018\_22 | 2018N | 1.4 | 0.91 | 0.77 |
| 82 | NE2018\_23 | 2018N | 3.2 | 1.43 | 1.23 |
| 83 | NE2018\_24 | 2018N | 19.7 | 1.54 | 1.9 |
| 84 | NE2018\_25 | 2018N | 67.4 | 1.62 | 2.21 |
| 85 | NE2018\_26 | 2018N | 43.7 | 1.73 | 2.4 |
| 86 | NE2018\_27 | 2018N | 92.1 | 1.98 | 4.21 |
| 87 | NE2018\_28 | 2018N | 8.2 | 2.9 | 2.5 |
| 88 | NE2018\_29 | 2018N | 41.1 | 0.43 | 0.66 |
| 89 | NE2018\_30 | 2018N | 16.4 | 0.96 | 0.9 |
| 90 | NE2018\_31 | 2018N | 74.2 | 2.98 | 3.81 |
| 91 | NE2018\_32 | 2018N | 32.4 | 2.75 | 0.57 |
| 92 | NE2018\_33 | 2018N | 9.3 | 1.93 | 2.04 |
| 93 | NE2018\_34 | 2018N | 13.3 | 1.95 | 4.21 |
| 94 | NE2018\_35 | 2018N | 0.3 | 1.43 | 1.76 |
| 95 | NE2018\_36 | 2018N | 75.4 | 1.89 | 1.5 |
| 96 | NE2018\_37 | 2018N | 6.4 | 2.7 | 1.33 |
| 97 | NE2018\_38 | 2018N | 92.3 | 2.35 | 4.43 |
| 98 | NE2018\_39 | 2018N | 65.5 | 2.91 | 0.31 |
| 99 | NE2018\_40 | 2018N | 21.4 | 2.08 | 2.57 |
| 100 | NE2018\_41 | 2018N | 5.4 | 0.54 | 0.65 |
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