

Additional File 1 - Overview of the samples used in this study.

Sample	Sire / Family	Father Group	RIN
1	Y1	Young	8.4
2	O1	Old	8.4
3	Y1	Young	8.5
4	O2	Old	8.4
5	Y1	Young	8.5
6	O2	Old	8.6
7	Y2	Young	8.2
8	O3	Old	8.4
9	Y3	Young	8.2
10	O3	Old	8.5
11	Y3	Young	8.6
12	O4	Old	8.9
13	Y3	Young	8.2
14	Y3	Young	8.6
15	Y4	Young	8.5
16	O5	Old	8.5
17	Y4	Young	8.6
18	O5	Old	8.6
19	Y4	Young	8.6
20	O6	Old	6.1
21	Y4	Young	8.7
22	Y1	Young	8.3
23	O1	Old	8.5
24	Y2	Young	8.4
25	O1	Old	8.6
26	Y3	Young	8.9
27	O2	Old	N/A
28	Y4	Young	8.9
29	O4	Old	8.5
30	O4	Old	N/A
31	O5	Old	8
32	O6	Old	N/A