Nucleotides	-4 -4	-5 -1	1 -2 -2 -1	2 -2 -5 -4	3 -2 -4 -4	5 -1 -8 -4	5 -2 -8 -3	5 -3 -8 -2	5 -4 -6 -4
0	0.598	0.597	0.452	0.427	0.608	0.634	0.641	0.652	0.673
1	0.619	0.618	0.588	0.562	0.712	0.703	0.724	0.718	0.741
2	0.614	0.613	0.628	0.599	0.727	0.718	0.717	0.716	0.735
3	0.635	0.634	0.664	0.650	0.725	0.730	0.729	0.713	0.724
4	0.626	0.625	0.678	0.676	0.740	0.698	0.716	0.701	0.734
5	0.637	0.636	0.710	0.694	0.742	0.716	0.723	0.701	0.729
6	0.627	0.625	0.720	0.718	0.732	0.699	0.724	0.700	0.705
7	0.621	0.620	0.712	0.731	0.712	0.682	0.685	0.683	0.707
8	0.588	0.588	0.651	0.669	0.692	0.633	0.649	0.652	0.689
9	0.577	0.577	0.626	0.662	0.687	0.628	0.643	0.638	0.679
10	0.599	0.599	0.626	0.655	0.701	0.657	0.672	0.649	0.689
11	0.582	0.581	0.608	0.647	0.690	0.654	0.662	0.648	0.681
12	0.601	0.601	0.598	0.643	0.696	0.659	0.668	0.666	0.698
13	0.570	0.569	0.591	0.624	0.683	0.660	0.673	0.669	0.688
14	0.600	0.600	0.555	0.595	0.700	0.666	0.669	0.683	0.698
15	0.590	0.590	0.527	0.557	0.667	0.645	0.664	0.673	0.695
16	0.580	0.579	0.487	0.522	0.657	0.641	0.661	0.673	0.673
17	0.599	0.598	0.452	0.508	0.666	0.668	0.684	0.702	0.685
18	0.574	0.575	0.400	0.448	0.635	0.656	0.655	0.673	0.655
19	0.585	0.585	0.361	0.393	0.588	0.649	0.652	0.638	0.611
20	0.578	0.577	0.344	0.369	0.527	0.637	0.615	0.582	0.563
Average	0.600	0.599	0.570	0.588	0.680	0.668	0.677	0.673	0.688
Average 1 – 8	0.621	0.620	0.669	0.662	0.723	0.697	0.708	0.698	0.720
Average 12 - 16	0.585	0.585	0.540	0.575	0.677	0.653	0.667	0.675	0.688

Negative control	-4 -4	-5 -1	1 -2 -2 -1	2 -2 -5 -4	3 -2 -4 -4	5 -1 -8 -4	5 -2 -8 -3	5 -3 -8 -2	5 -4 -6 -4
0	0.599	0.599	0.401	0.383	0.560	0.601	0.595	0.628	0.615
1	0.625	0.624	0.447	0.445	0.639	0.679	0.676	0.671	0.676
2	0.605	0.604	0.515	0.518	0.674	0.693	0.715	0.668	0.683
3	0.579	0.579	0.529	0.549	0.686	0.660	0.681	0.658	0.709
4	0.638	0.638	0.570	0.583	0.685	0.688	0.696	0.689	0.697
5	0.612	0.612	0.599	0.614	0.695	0.643	0.666	0.675	0.701
6	0.593	0.593	0.633	0.627	0.710	0.680	0.690	0.687	0.722
7	0.597	0.597	0.658	0.697	0.701	0.657	0.697	0.701	0.721
8	0.603	0.602	0.660	0.685	0.698	0.624	0.646	0.654	0.669
9	0.561	0.561	0.667	0.682	0.722	0.651	0.671	0.665	0.703
10	0.642	0.642	0.667	0.683	0.700	0.663	0.663	0.671	0.722
11	0.590	0.591	0.637	0.683	0.727	0.667	0.697	0.705	0.723
12	0.617	0.617	0.646	0.671	0.685	0.670	0.698	0.677	0.681
13	0.595	0.595	0.629	0.649	0.726	0.674	0.687	0.684	0.716
14	0.600	0.600	0.587	0.639	0.720	0.684	0.684	0.678	0.709
15	0.631	0.631	0.565	0.606	0.707	0.692	0.691	0.684	0.709
16	0.601	0.601	0.525	0.594	0.671	0.665	0.684	0.666	0.687
17	0.599	0.598	0.505	0.528	0.683	0.654	0.663	0.674	0.676
18	0.567	0.566	0.455	0.472	0.605	0.632	0.647	0.665	0.652
19	0.600	0.599	0.398	0.446	0.627	0.683	0.669	0.682	0.645
20	0.589	0.590	0.352	0.408	0.554	0.639	0.624	0.605	0.579
Average	0.602	0.602	0.554	0.579	0.675	0.662	0.673	0.671	0.685
Average 1 – 8	0.602	0.606	0.576	0.590	0.686	0.666	0.683	0.676	0.697
Average 12 - 16	0.601	0.607	0.576	0.622	0.706	0.679	0.686	0.678	0.705