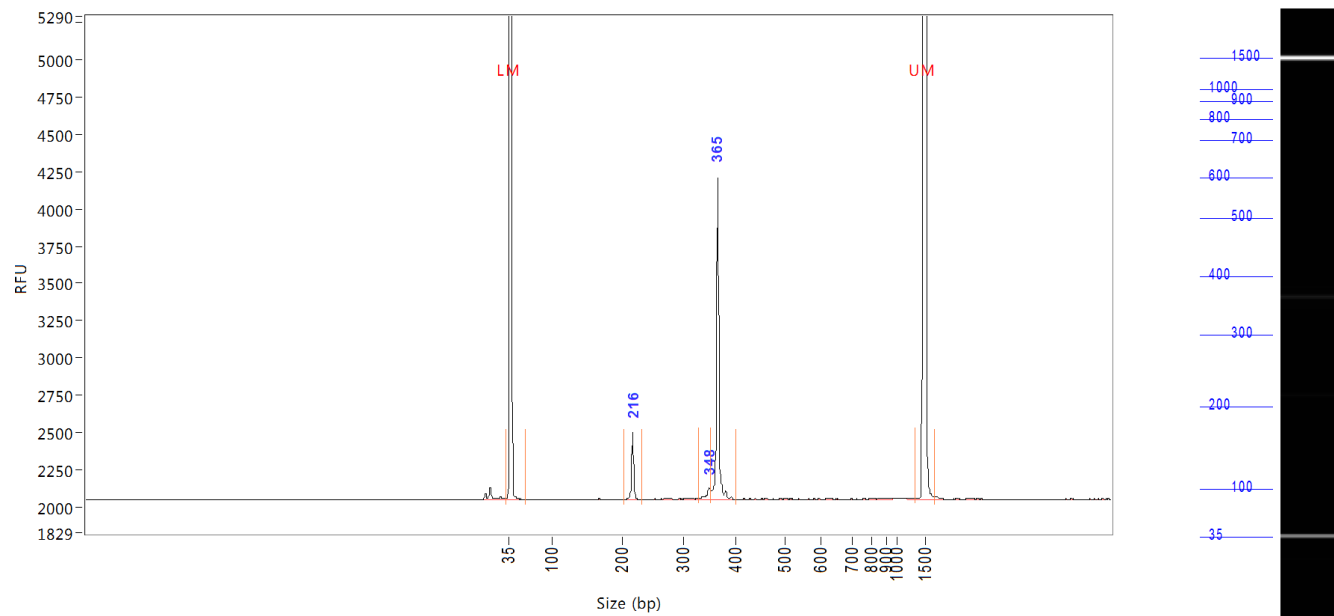


Supplemental Figure S6

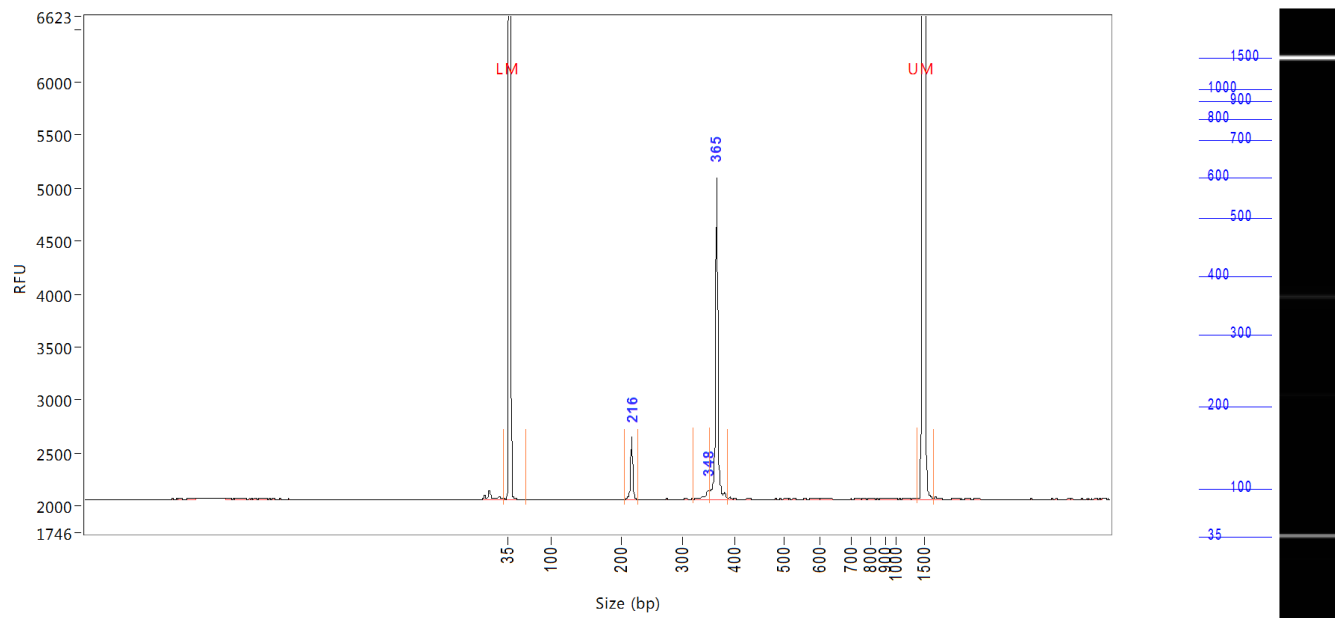
Supplemental Figure S6. Capillary fragment analyzer results for human retina RNA RT-PCR products. For each sample, RT-PCR was performed in duplicate, indicated as (1) and (2), and products were run onto a capillary electrophoresis system to quantify the different fragment quantities expressed over the entire fragment mix. Bp = base pair; LM = lower marker; UM = upper marker; RFU = Relative Fluorescence Unit; CV% = Coefficient of Variation; TIC = Total Integrated Concentration; TIM = Total Integrated Molarity

BA1_hRetina*(1)



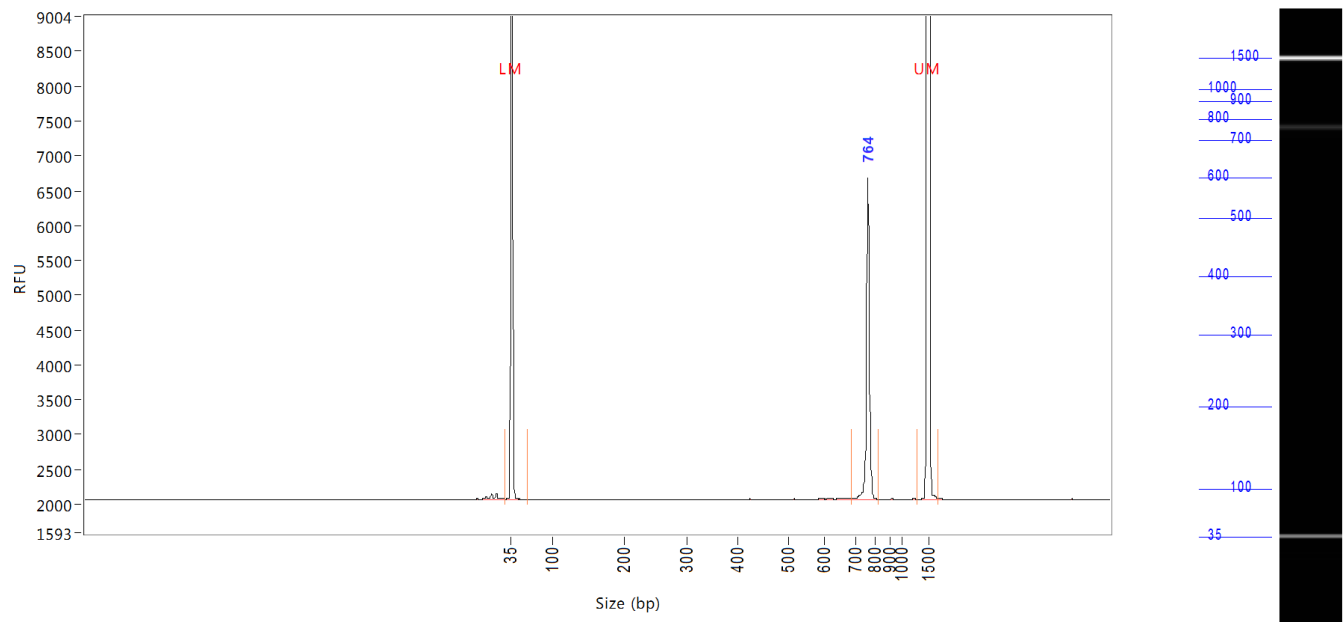
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3970	35	4.53	13476	61.507
2	216	0.1526	215	1.07	451	1.970
3	348	0.0513	345	1.71	74	0.663
4	365	0.7442	364	1.25	2156	9.608
5	1500 (UM)	0.5000	1493	1.39	24031	77.462
TIC:		0.9481	ng/uL			
TIM:		4.764	nmole/L			
Total Conc.:		1.0507	ng/uL			

BA1_hRetina*(2)



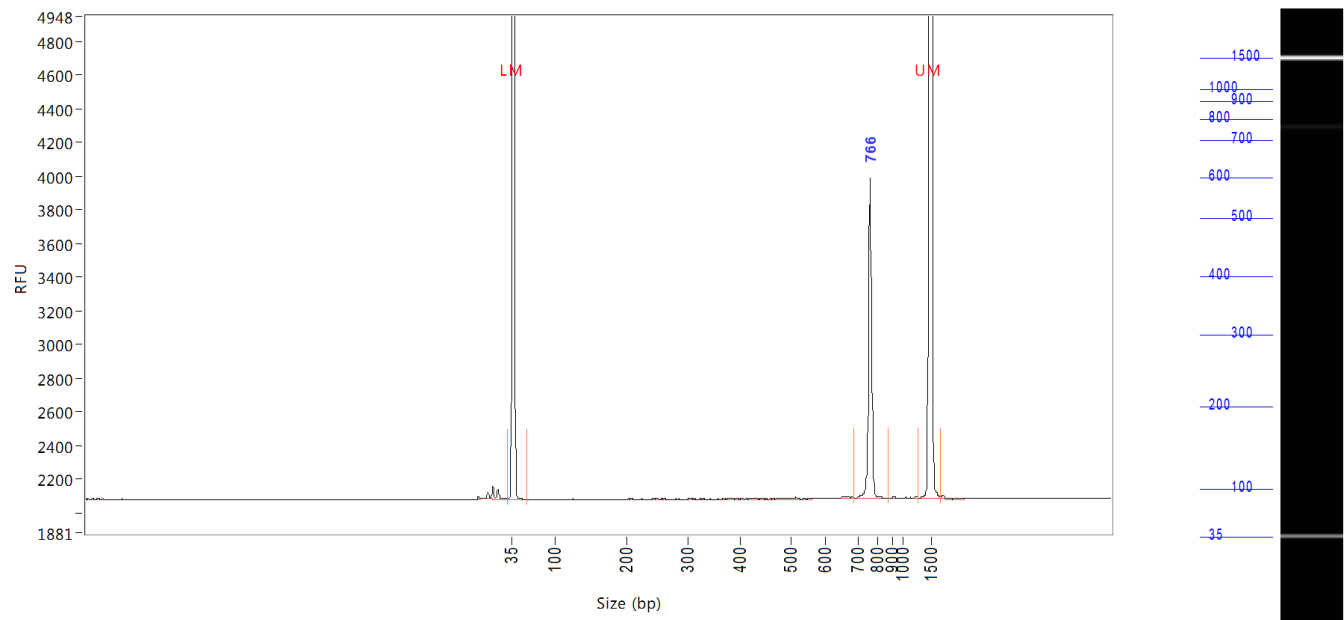
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3935	35	4.45	14689	68.058
2	216	0.1856	215	1.05	598	2.675
3	348	0.0508	344	1.96	85	0.732
4	365	0.9587	364	1.10	3037	13.817
5	1500 (UM)	0.5000	1496	1.37	26423	86.473
TIC:		1.1951	ng/uL			
TIM:		5.982	nmole/L			
Total Conc.:		1.3030	ng/uL			

BA7_hRetina*(1)



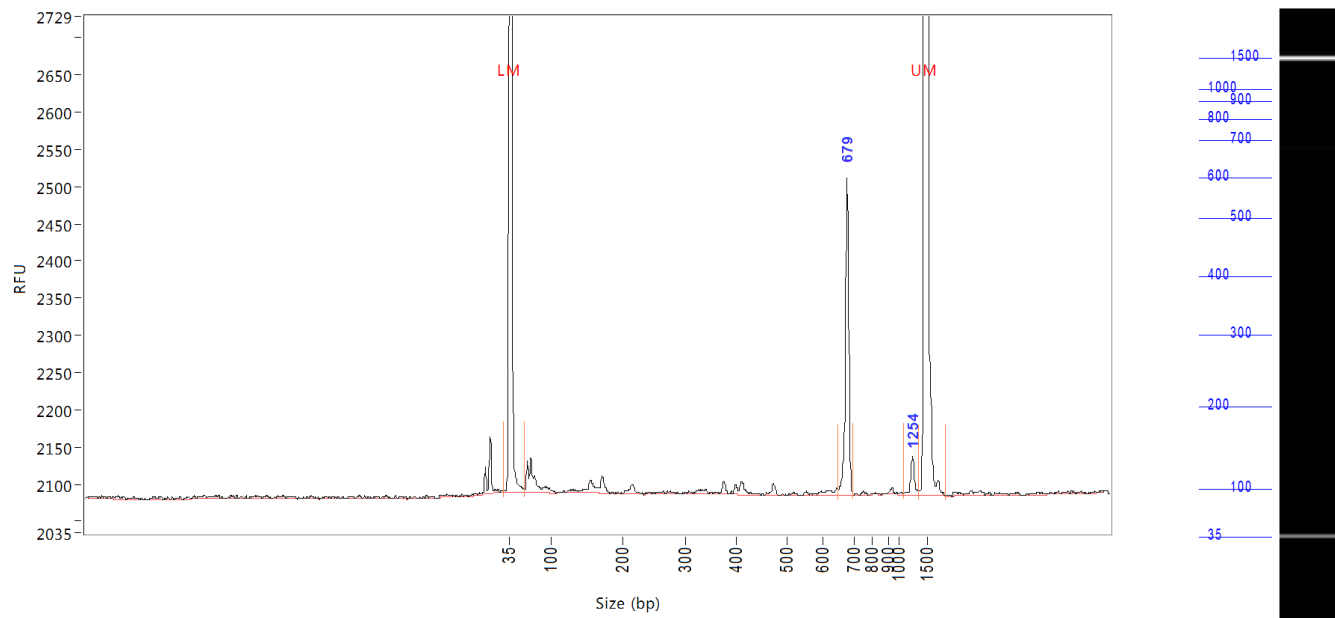
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4111	34	4.21	14456	65.846
2	764	1.4950	761	1.55	4620	19.955
3	1500 (UM)	0.5000	1490	1.43	24879	80.086
TIC:		1.4950	ng/uL			
TIM:		3.220	nmole/L			
Total Conc.:		1.6530	ng/uL			

BA7_hRetina*(2)



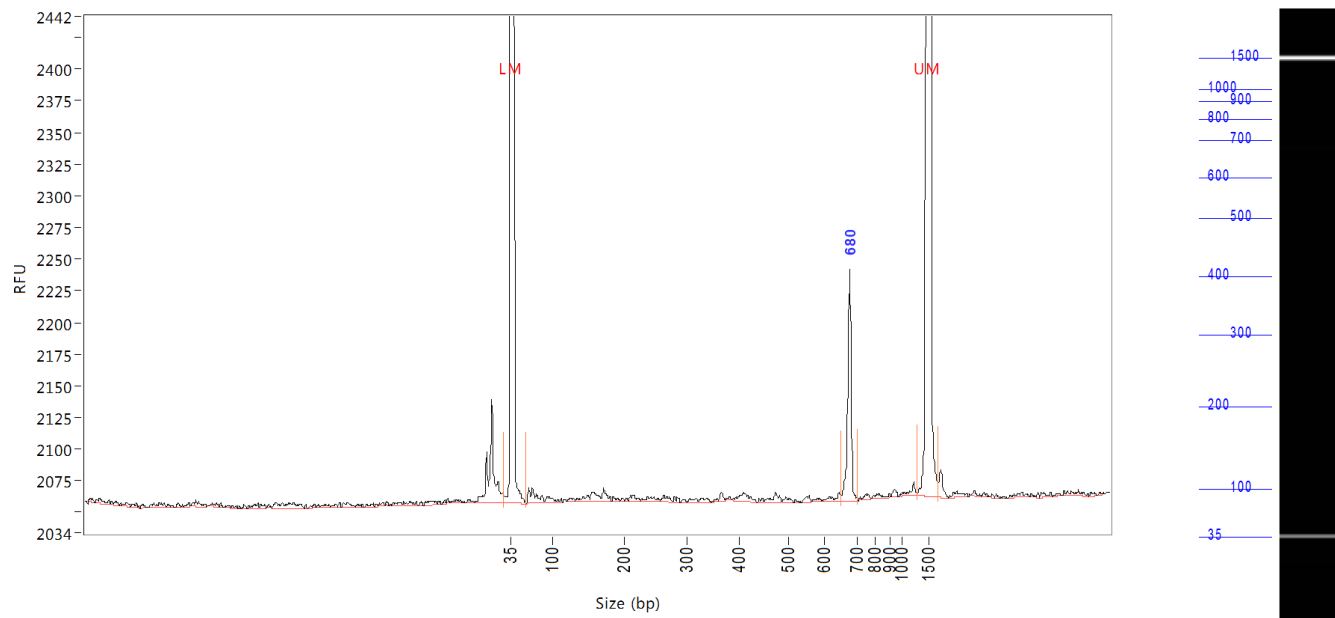
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4047	34	4.29	14817	67.270
2	766	0.6053	764	1.67	1906	8.384
3	1500 (UM)	0.5000	1494	1.41	25548	83.103
TIC:		0.6053	ng/uL			
TIM:		1.300	nmole/L			
Total Conc.:		0.7144	ng/uL			

BA11_hRetina*(1)



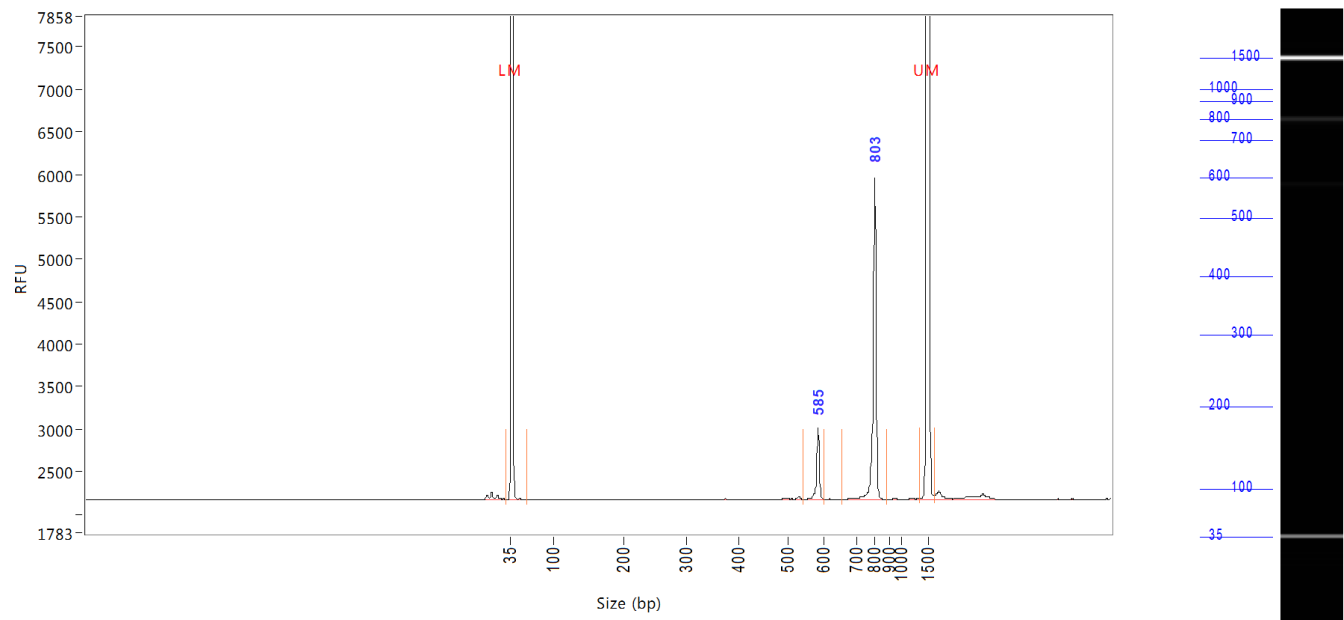
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4019	34	4.57	13957	64.047
2	679	0.1571	676	0.91	427	2.087
3	1254	0.0211	1243	3.64	51	0.281
4	1500 (UM)	0.5000	1489	1.54	24415	79.677
TIC:		0.1783	ng/uL			
TIM:		0.409	nmole/L			
Total Conc.:		0.3902	ng/uL			

BA11_hRetina*(2)



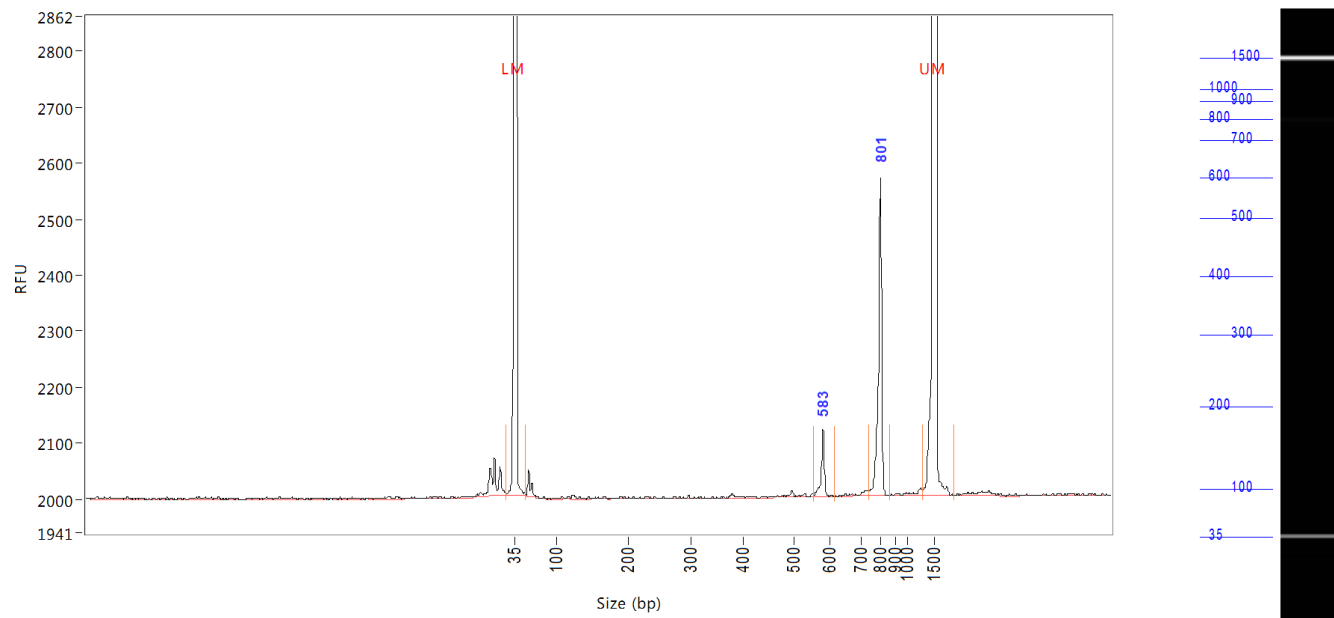
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4001	34	4.26	13822	63.544
2	680	0.0698	677	1.00	183	0.924
3	1500 (UM)	0.5000	1493	1.38	24724	79.419
TIC:		0.0698	ng/uL			
TIM:		0.169	nmole/L			
Total Conc.:		0.1953	ng/uL			

BA12_hRetina*(1)



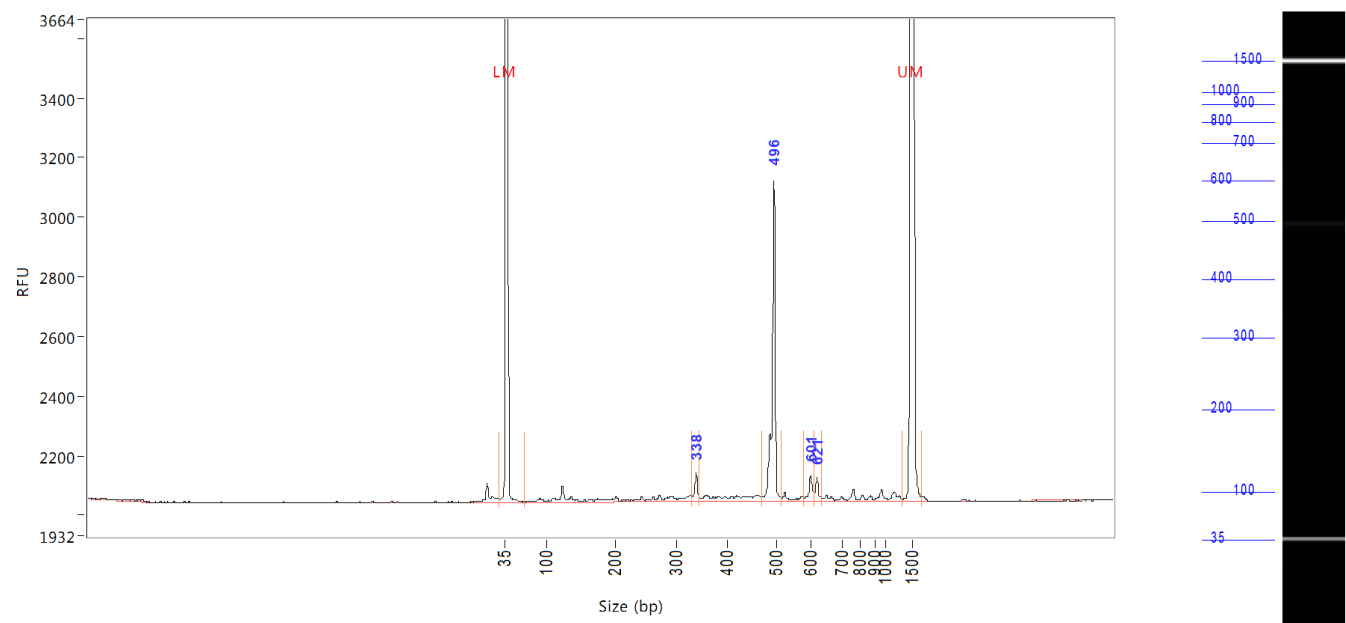
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4031	34	4.59	14756	68.011
2	585	0.2608	582	1.02	834	3.667
3	803	1.2026	797	2.20	3786	16.907
4	1500 (UM)	0.5000	1493	1.36	26049	84.353
TIC:		1.4634	ng/uL			
TIM:		3.197	nmole/L			
Total Conc.:		1.5854	ng/uL			

BA12_hRetina*(2)



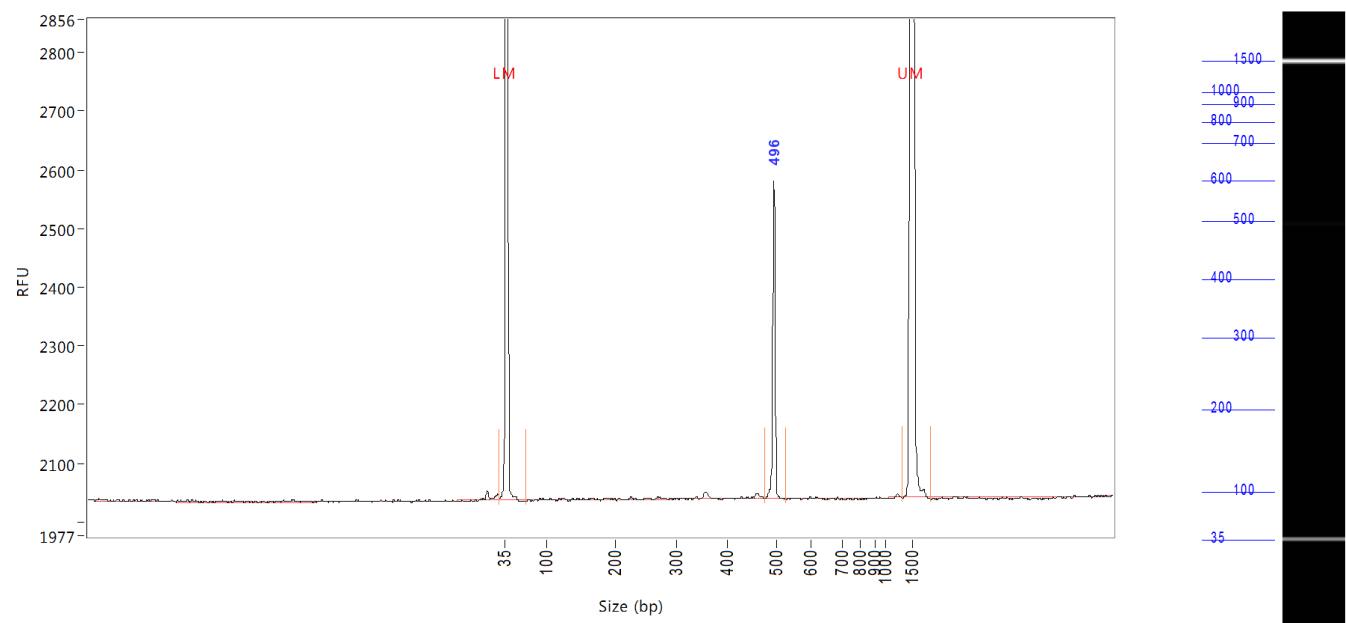
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4204	34	4.28	12358	56.852
2	583	0.0557	580	1.43	120	0.628
3	801	0.2461	795	1.61	568	2.773
4	1500 (UM)	0.5000	1492	1.60	21045	67.615
TIC:		0.3018	ng/uL			
TIM:		0.663	nmole/L			
Total Conc.:		0.4509	ng/uL			

BA15_hRetina*(1)



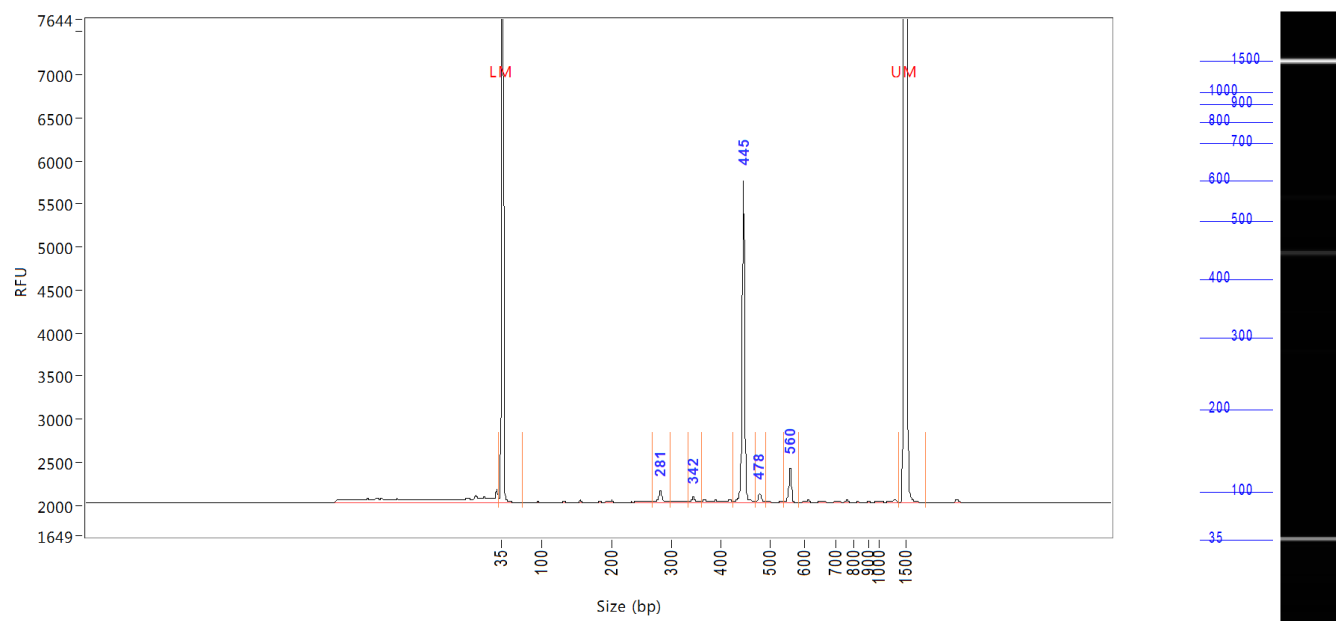
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4168	35	4.86	10627	50.549
2	338	0.0545	337	1.00	96	0.551
3	496	0.5679	493	1.11	1076	5.740
4	601	0.0529	600	1.16	87	0.534
5	621	0.0383	622	0.99	78	0.387
6	1500 (UM)	0.5000	1496	1.51	17029	60.642
TIC:		0.7136	ng/uL			
TIM:		2.395	nmole/L			
Total Conc.:		1.3063	ng/uL			

BA15_hRetina*(2)



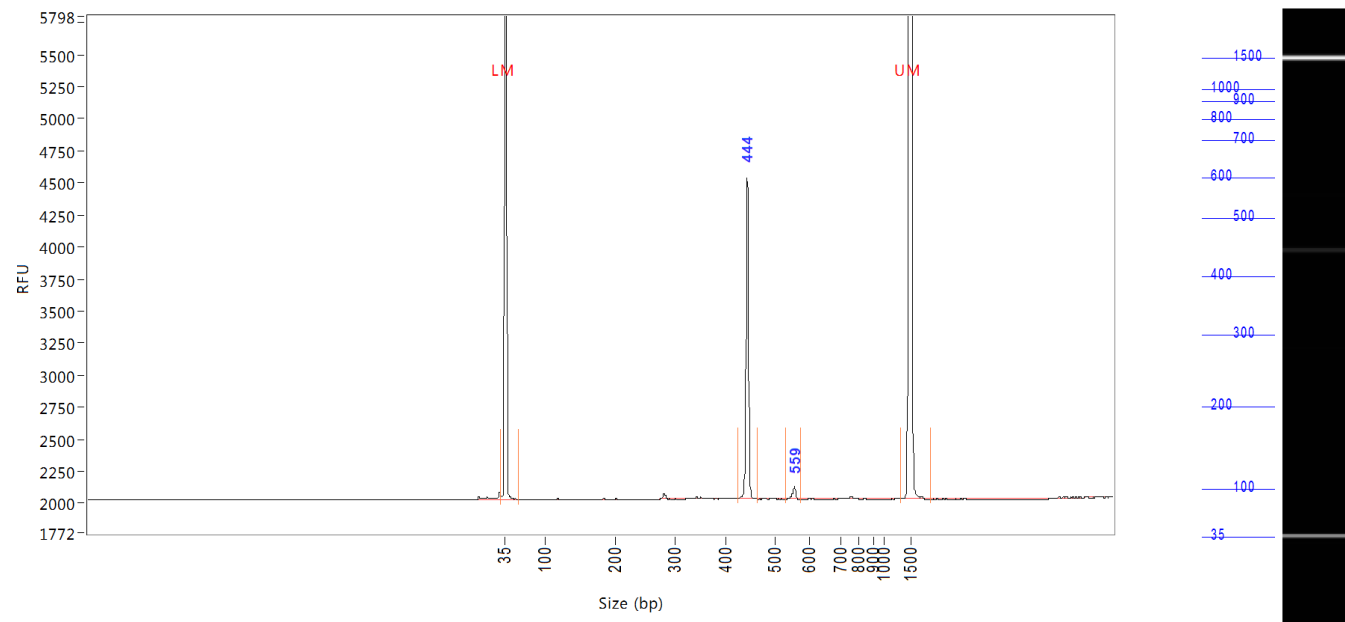
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4049	35	4.22	10866	50.362
2	496	0.2213	495	0.59	541	2.294
3	1500 (UM)	0.5000	1492	1.55	17649	62.187
TIC:		0.2213	ng/uL			
TIM:		0.734	nmole/L			
Total Conc.:		0.2700	ng/uL			

BA16_hRetina*(1)



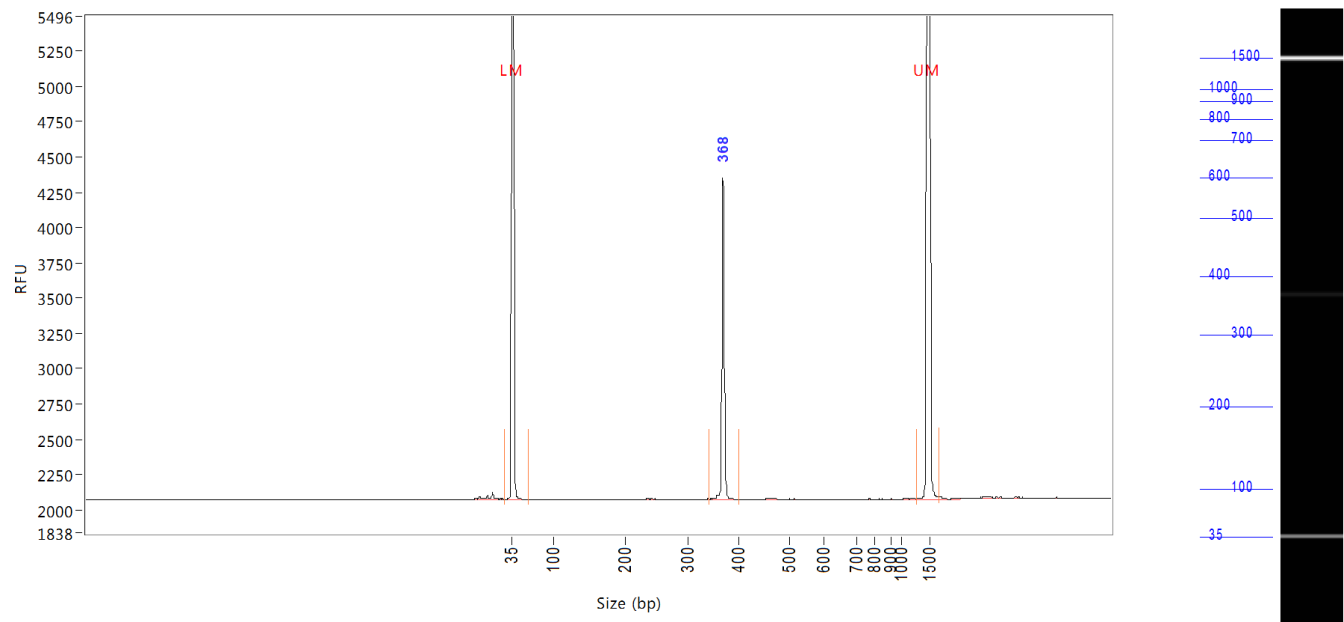
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4192	35	5.21	12934	61.582
2	281	0.1039	281	2.17	146	1.272
3	342	0.0491	345	1.86	68	0.601
4	445	1.4030	444	0.86	3740	17.175
5	478	0.0577	479	0.96	112	0.707
6	560	0.1603	557	1.03	403	1.963
7	1500 (UM)	0.5000	1491	1.60	20678	73.451
TIC:		1.7740	ng/uL			
TIM:		6.700	nmole/L			
Total Conc.:		2.2541	ng/uL			

BA16_hRetina*(2)



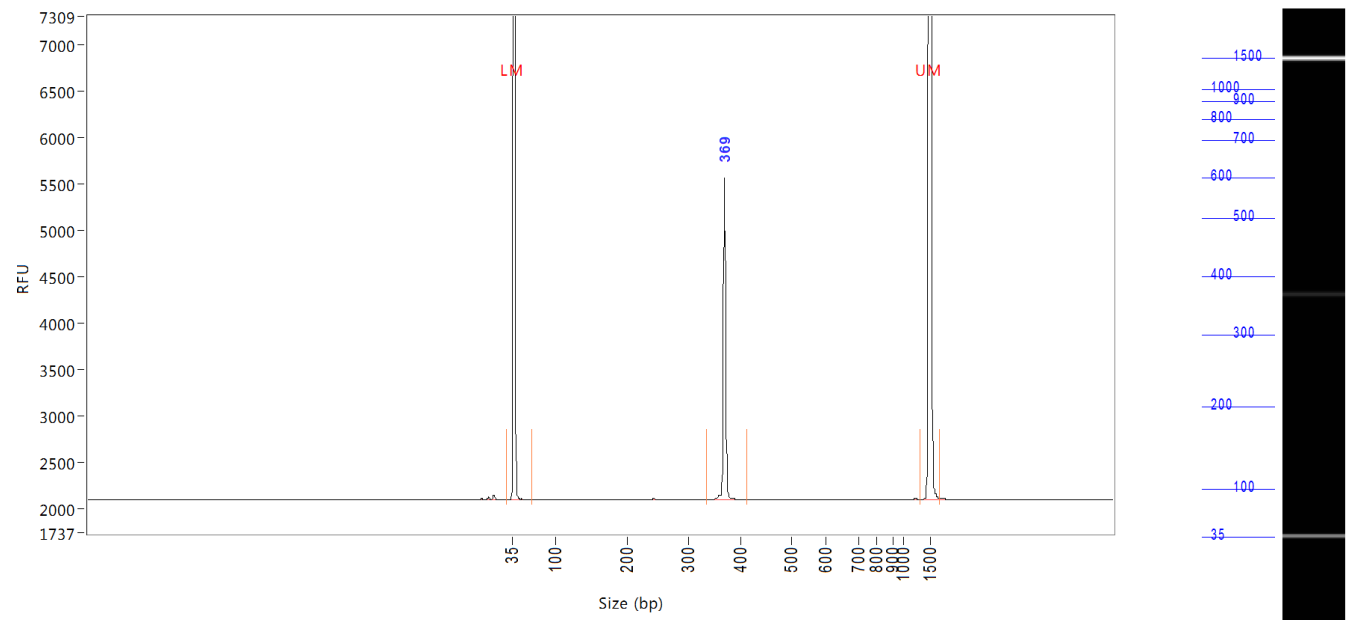
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4237	35	4.28	11268	53.405
2	444	1.0326	444	0.61	2503	10.848
3	559	0.0436	556	0.81	95	0.458
4	1500 (UM)	0.5000	1495	1.48	17891	63.028
TIC:		1.0762	ng/uL			
TIM:		3.952	nmole/L			
Total Conc.:		1.1407	ng/uL			

BA17_hRetina*(1)



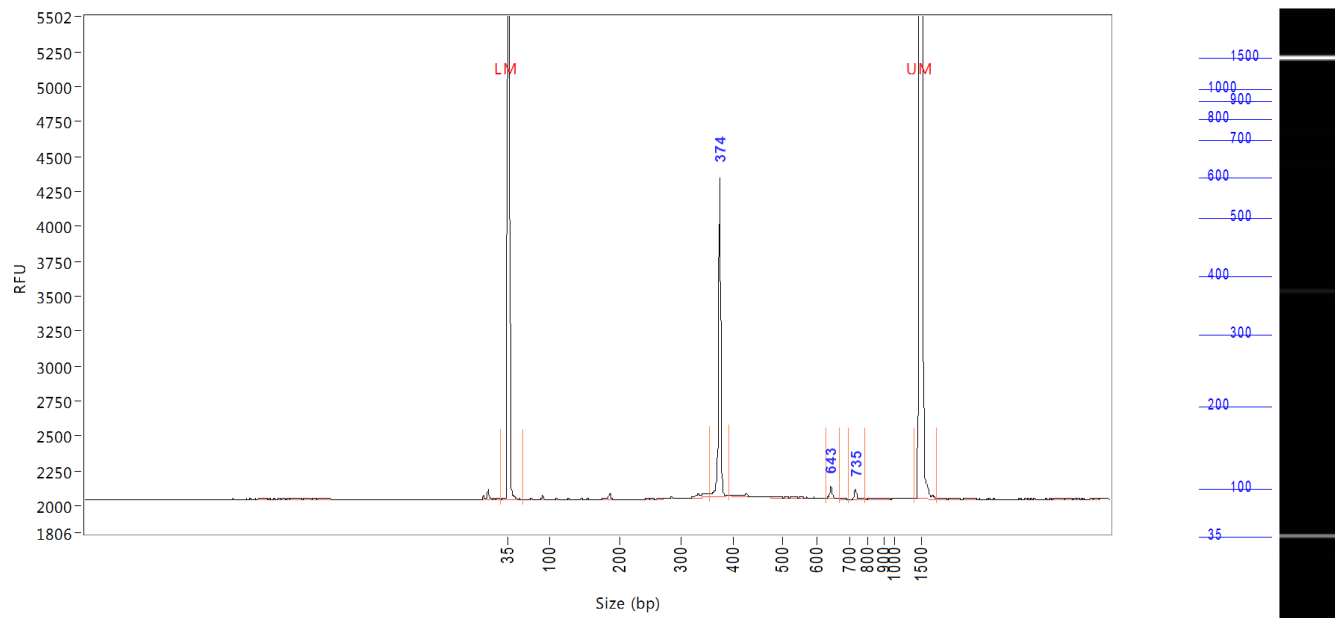
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4081	34	4.45	13872	63.856
2	368	0.7674	368	0.95	2281	10.006
3	1500 (UM)	0.5000	1489	1.42	24176	78.238
TIC:		0.7674	ng/uL			
TIM:		3.429	nmole/L			
Total Conc.:		0.8676	ng/uL			

BA17_hRetina*(2)



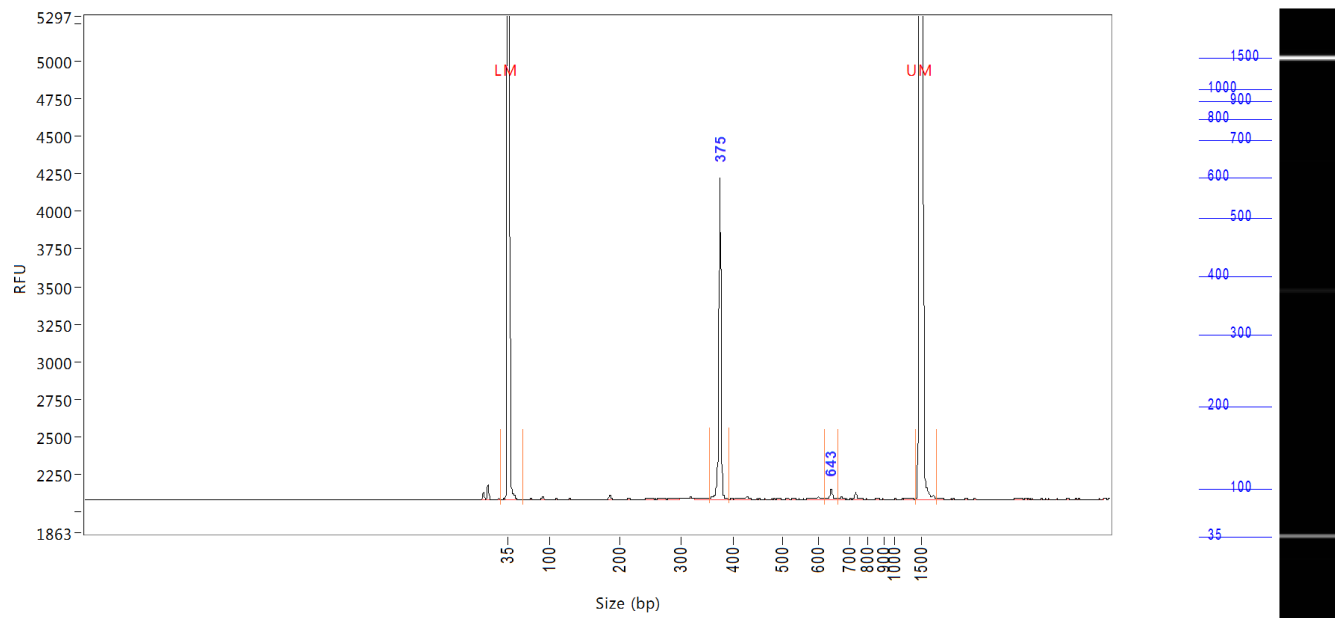
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3933	35	4.46	13102	59.992
2	369	1.2055	368	1.10	3476	15.322
3	1500 (UM)	0.5000	1488	1.45	23191	76.261
TIC:		1.2055	ng/uL			
TIM:		5.375	nmole/L			
Total Conc.:		1.3259	ng/uL			

BA18_hRetina*(1)



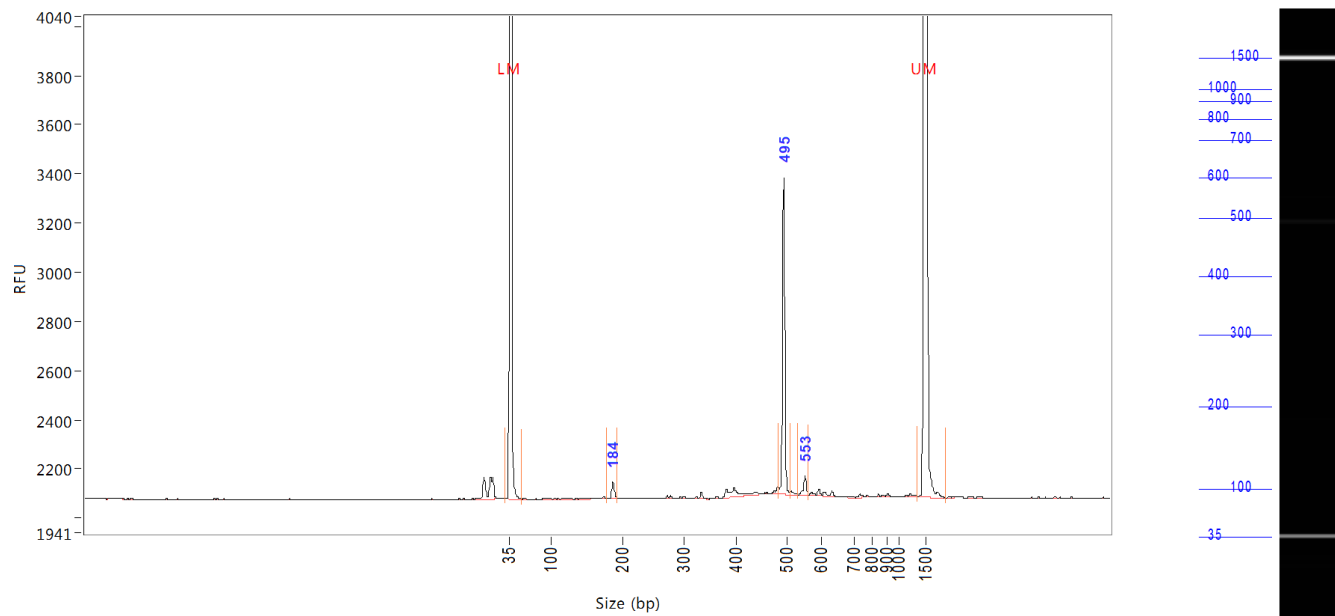
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3828	35	4.67	12994	60.039
2	374	0.7208	373	0.88	2282	9.422
3	643	0.0292	643	1.01	85	0.382
4	735	0.0217	735	1.57	70	0.283
5	1500 (UM)	0.5000	1496	1.57	23766	78.428
TIC:		0.7717	ng/uL			
TIM:		3.293	nmole/L			
Total Conc.:		0.9899	ng/uL			

BA18_hRetina*(2)



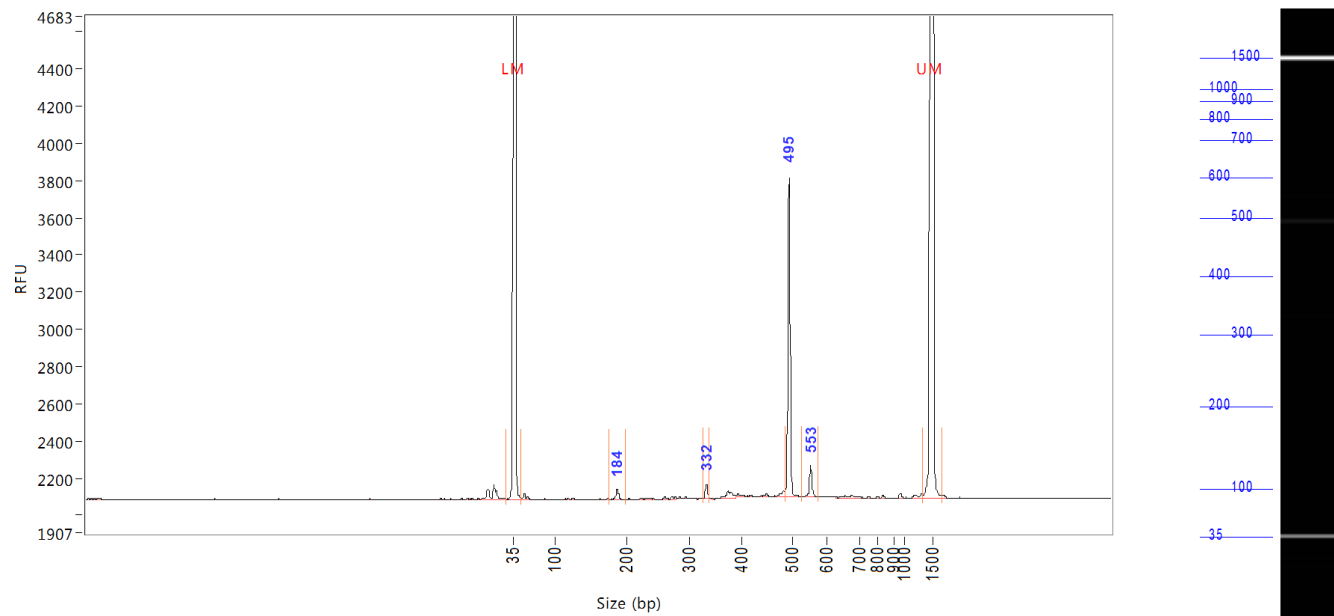
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3920	35	4.57	15143	69.460
2	375	0.5903	374	0.80	2138	8.717
3	643	0.0227	642	1.29	68	0.335
4	1500 (UM)	0.5000	1493	1.51	27187	88.598
	TIC:	0.6130	ng/uL			
	TIM:	2.649	nmole/L			
	Total Conc.:	0.7790	ng/uL			

BA19_hRetina*(1)



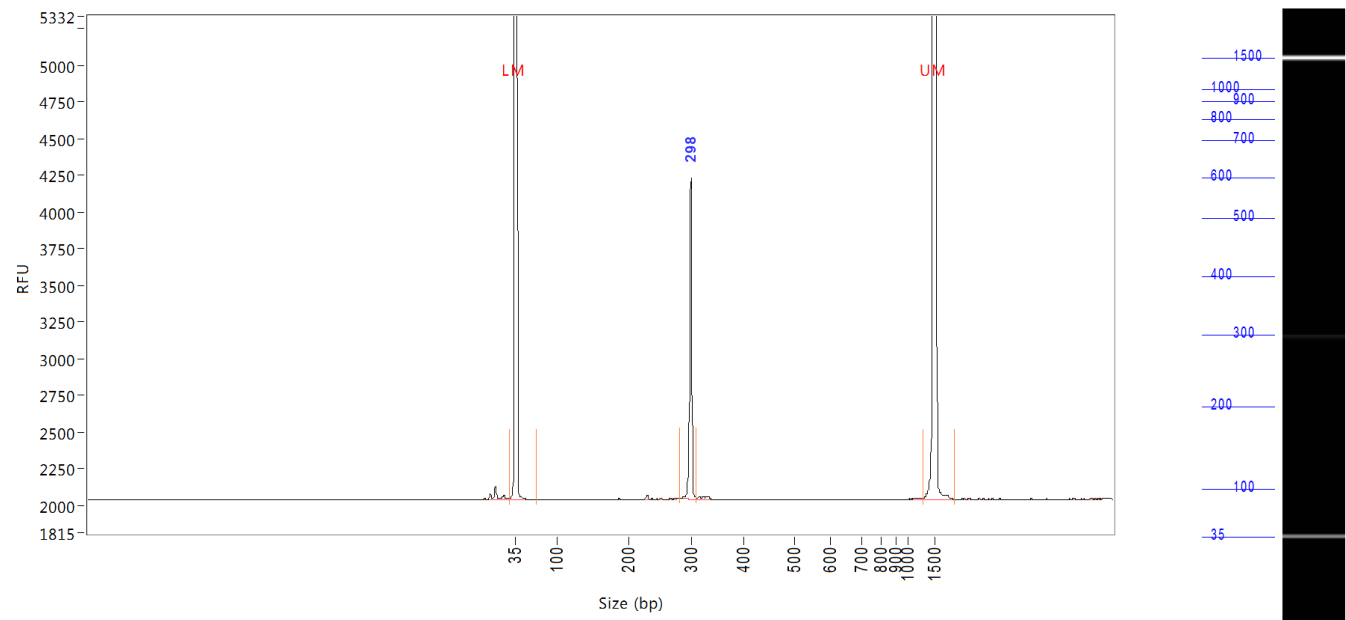
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4131	35	4.22	14862	67.577
2	184	0.0300	185	1.00	72	0.408
3	495	0.3710	494	0.52	1288	5.057
4	553	0.0258	550	0.88	79	0.351
5	1500 (UM)	0.5000	1495	1.54	25102	81.792
TIC:		0.4267	ng/uL			
TIM:		1.578	nmole/L			
Total Conc.:		0.6420	ng/uL			

BA19_hRetina*(2)



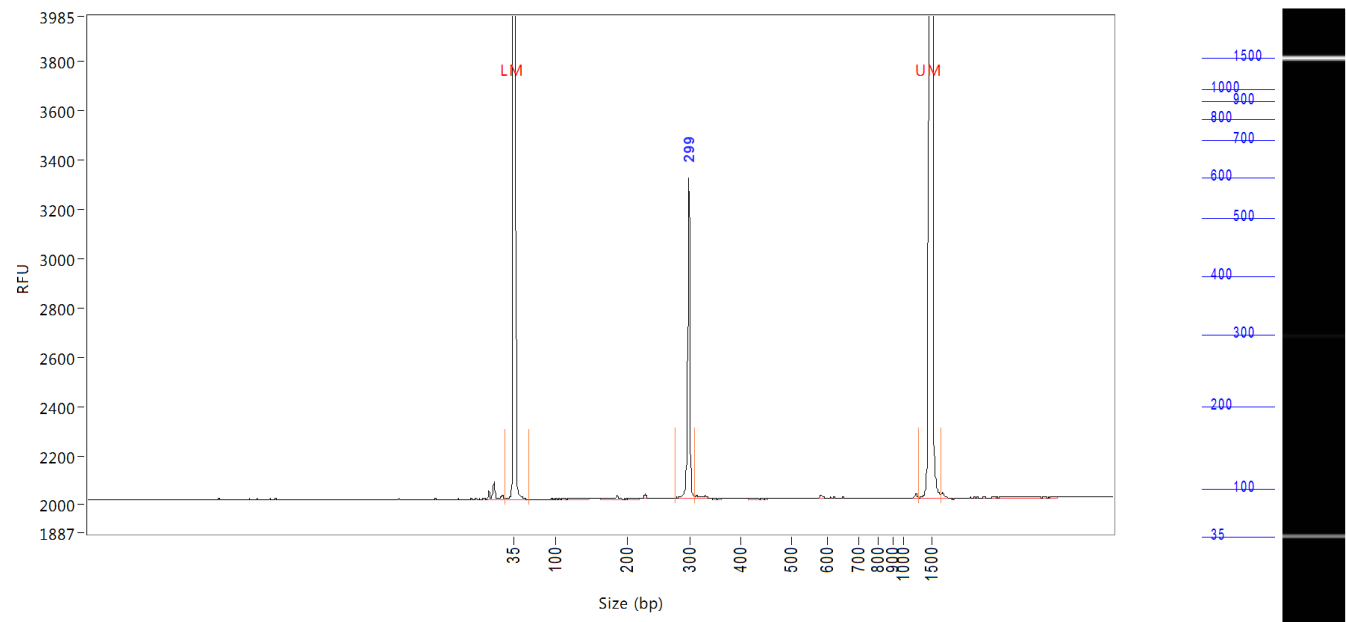
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3968	34	4.20	12917	59.193
2	184	0.0290	185	1.58	57	0.361
3	332	0.0269	332	0.65	79	0.334
4	495	0.5346	494	0.62	1717	6.646
5	553	0.0600	553	1.06	171	0.746
6	1500 (UM)	0.5000	1492	1.44	23043	74.581
TIC:		0.6506	ng/uL			
TIM:		2.349	nmole/L			
Total Conc.:		0.8905	ng/uL			

BA20_hRetina*(1)



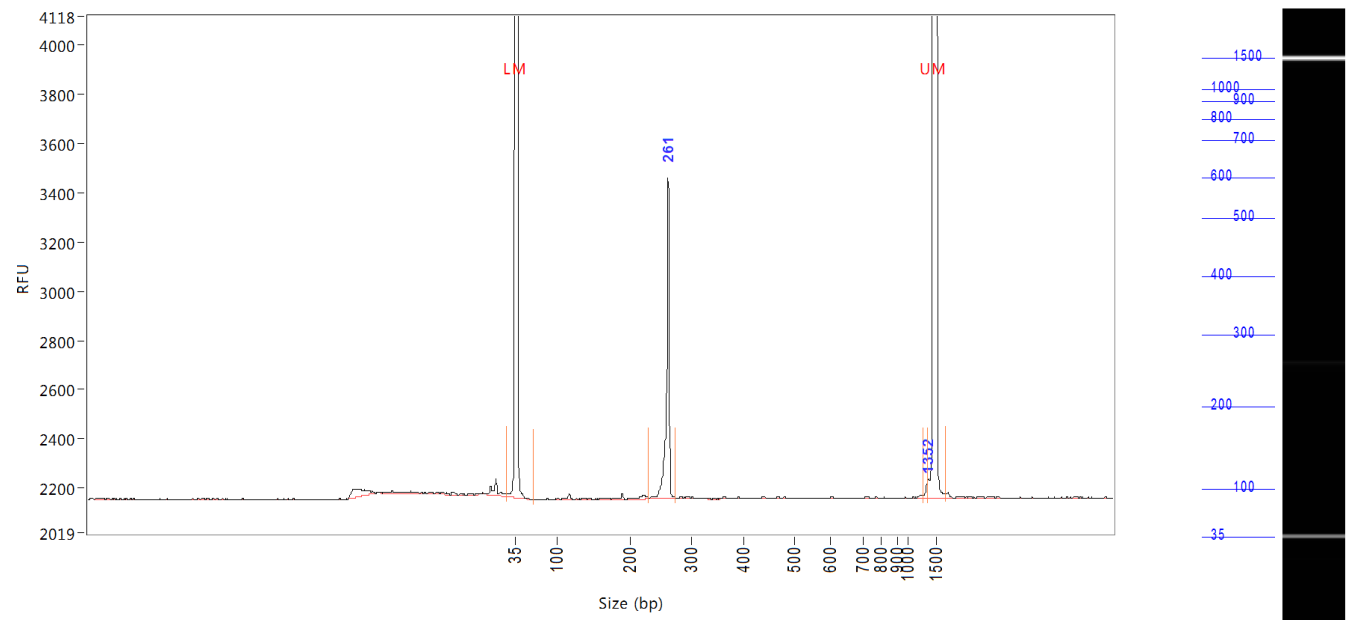
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4003	34	4.57	13636	63.835
2	298	0.6839	297	0.80	2189	9.088
3	1500 (UM)	0.5000	1495	1.71	24055	79.732
TIC:		0.6839	ng/uL			
TIM:		3.773	nmole/L			
Total Conc.:		0.8099	ng/uL			

BA20_hRetina*(2)



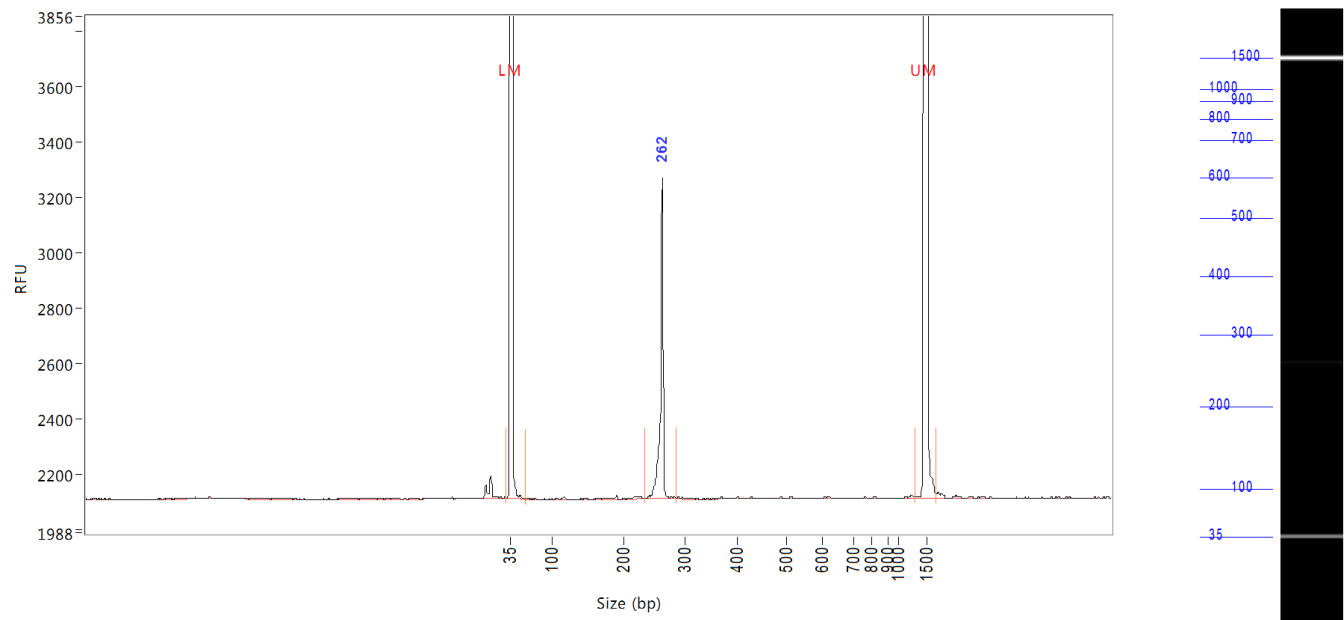
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4016	34	4.66	12443	57.980
2	299	0.4644	297	0.94	1304	5.588
3	1500 (UM)	0.5000	1489	1.50	21656	72.192
TIC:		0.4644	ng/uL			
TIM:		2.557	nmole/L			
Total Conc.:		0.5955	ng/uL			

BA21_hRetina*(1)



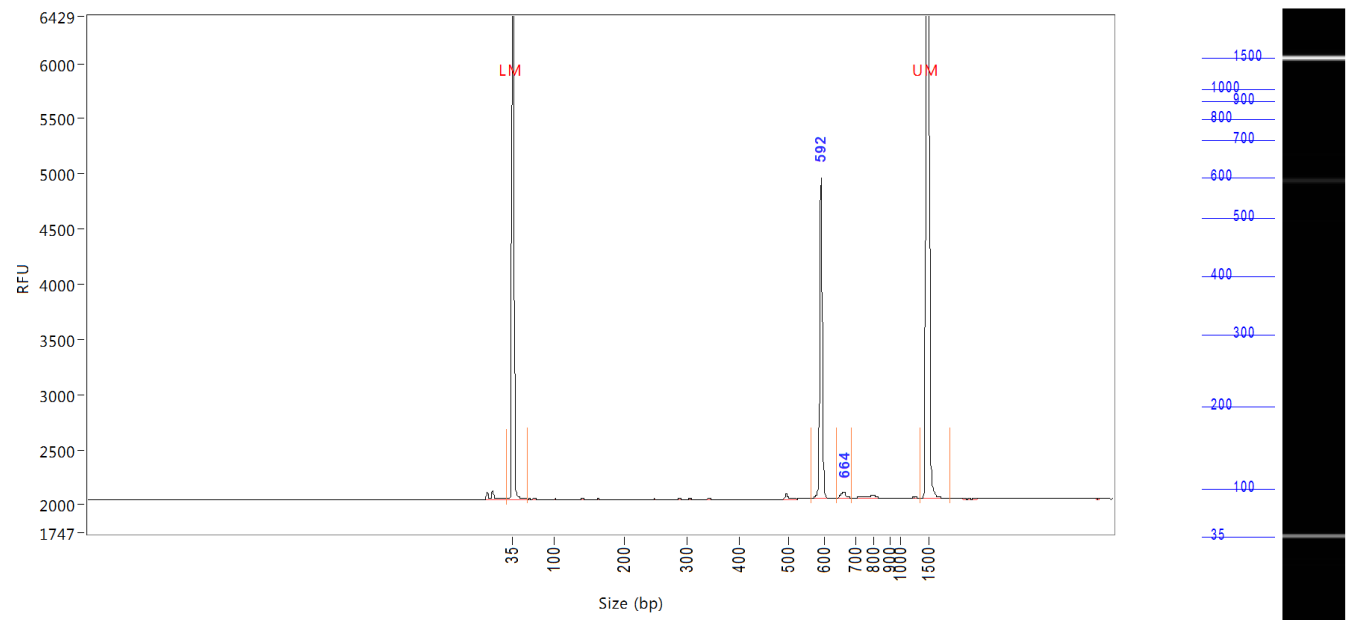
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3935	34	4.59	14003	65.032
2	261	0.5044	259	1.80	1305	6.946
3	1352	0.0126	1337	1.42	65	0.173
4	1500 (UM)	0.5000	1489	1.44	25209	82.625
TIC:		0.5170	ng/uL			
TIM:		3.191	nmole/L			
Total Conc.:		0.6383	ng/uL			

BA21_hRetina*(2)



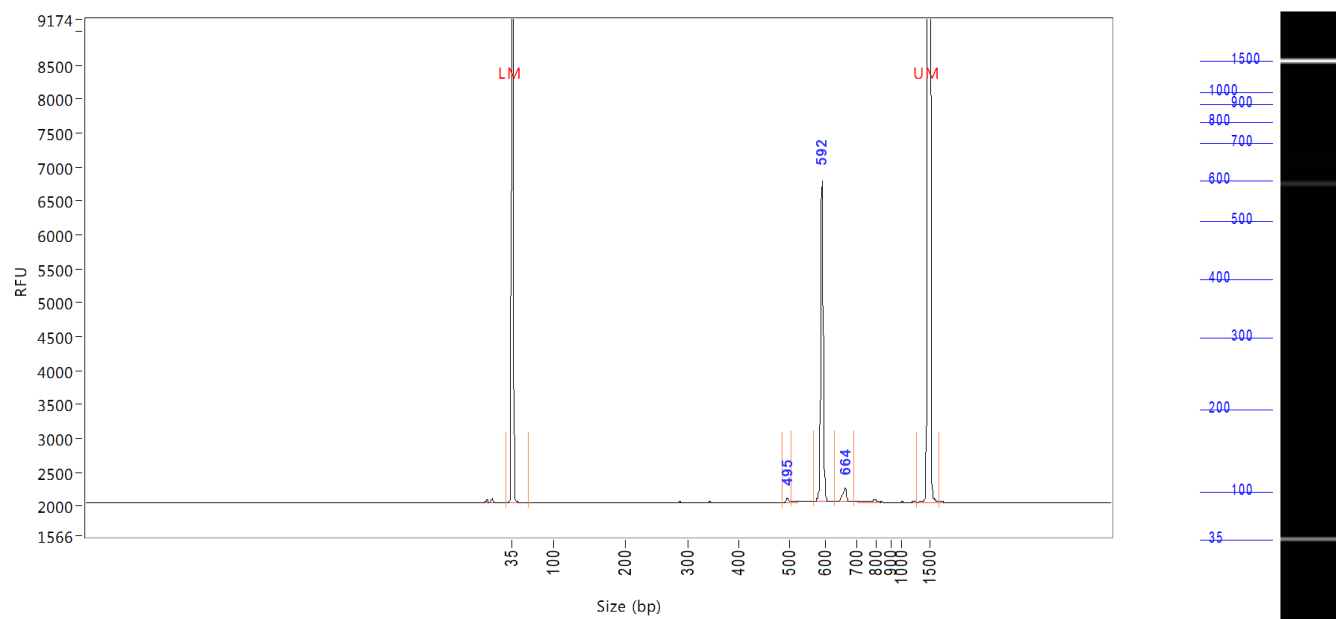
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3994	34	4.38	13787	64.781
2	262	0.4685	260	1.88	1162	6.332
3	1500 (UM)	0.5000	1493	1.47	24866	81.089
TIC:		0.4685	ng/uL			
TIM:		2.943	nmole/L			
Total Conc.:		0.5868	ng/uL			

BA23_hRetina*(1)



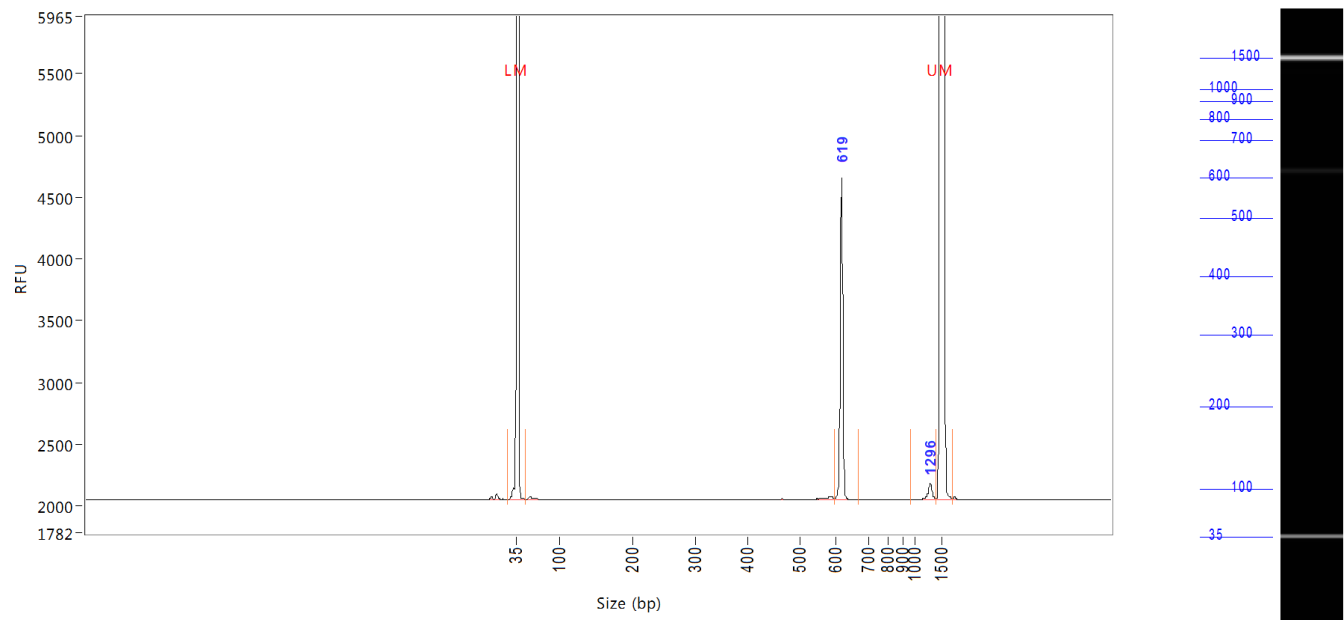
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4135	35	4.67	13214	60.991
2	592	0.9708	592	0.75	2910	11.934
3	664	0.0367	661	1.24	58	0.451
4	1500 (UM)	0.5000	1492	1.57	22490	73.756
TIC:		1.0075	ng/uL			
TIM:		2.788	nmole/L			
Total Conc.:		1.1803	ng/uL			

BA23_hRetina*(2)



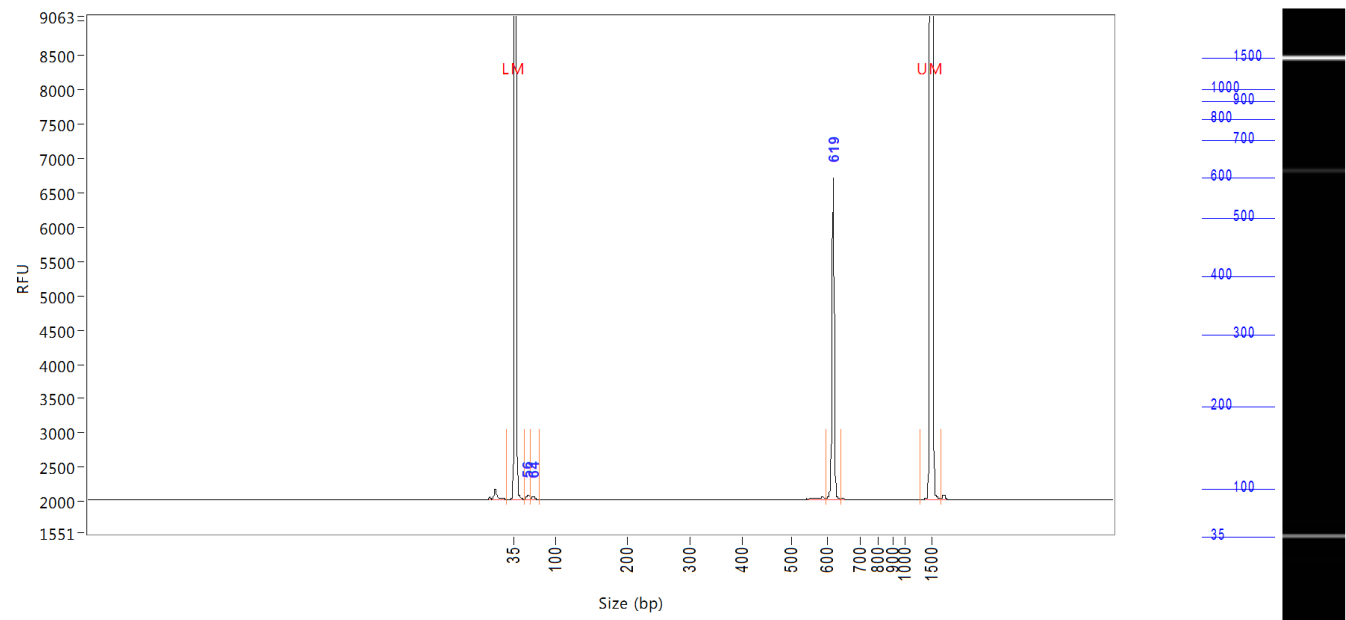
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4022	34	4.52	15005	68.560
2	495	0.0186	495	0.54	61	0.265
3	592	1.3455	592	0.72	4732	19.113
4	664	0.0943	661	1.23	202	1.339
5	1500 (UM)	0.5000	1492	1.44	26153	85.229
TIC:		1.4584	ng/uL			
TIM:		4.033	nmole/L			
Total Conc.:		1.5852	ng/uL			

BA27_hRetina*(1)



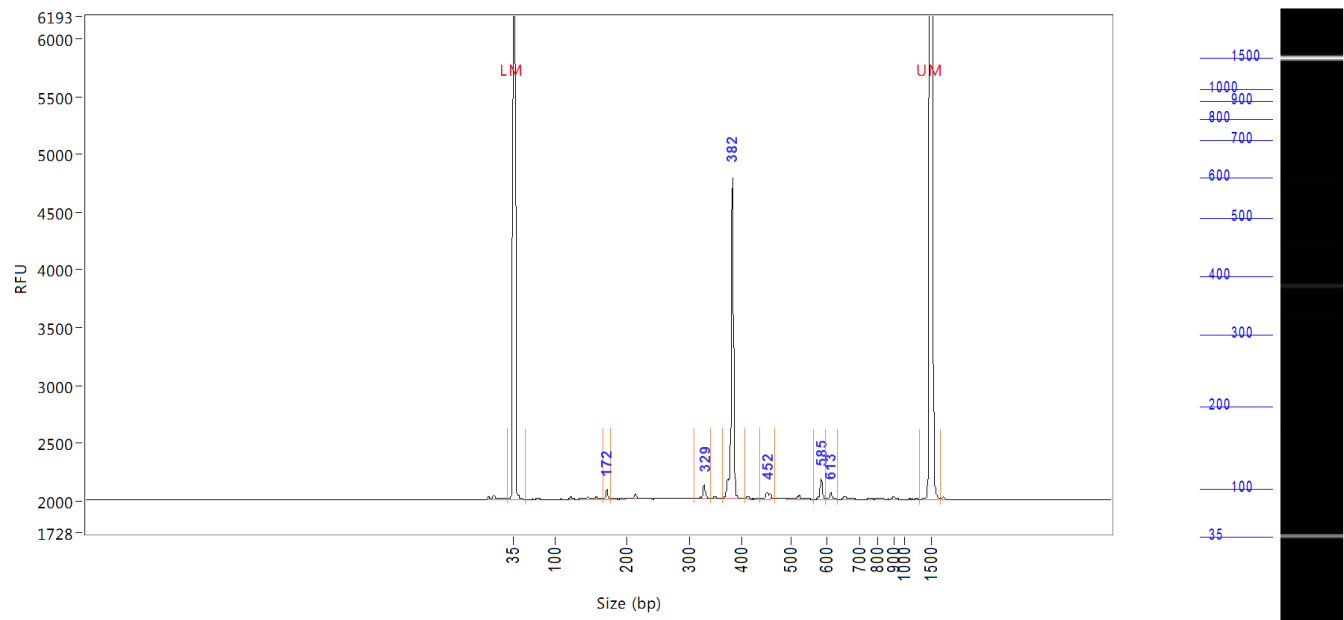
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4409	34	4.38	14750	68.576
2	619	0.8251	617	0.79	2612	10.694
3	1296	0.0644	1272	4.64	132	0.834
4	1500 (UM)	0.5000	1495	1.62	20715	77.765
TIC:		0.8895	ng/uL			
TIM:		2.276	nmole/L			
Total Conc.:		1.0480	ng/uL			

BA27_hRetina*(2)



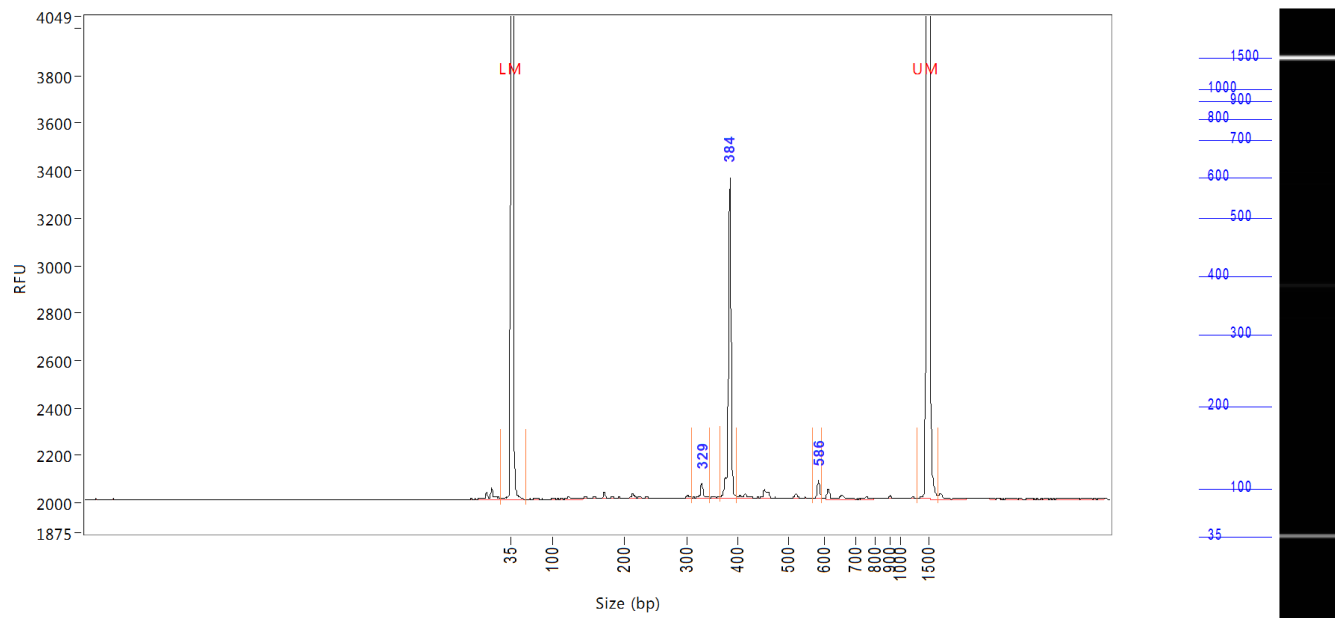
Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4050	35	4.32	15191	69.183
2	56	0.0484	55	4.61	71	0.688
3	64	0.0351	64	3.87	54	0.500
4	619	1.1698	617	0.64	4681	16.652
5	1500 (UM)	0.5000	1492	1.39	26648	85.408
TIC:		1.2533	ng/uL			
TIM:		5.423	nmole/L			
Total Conc.:		1.3895	ng/uL			

BA29_hRetina*(1)



Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4141	35	4.26	12473	56.869
2	172	0.0311	171	0.87	78	0.356
3	329	0.0506	328	1.16	120	0.579
4	382	1.0703	382	0.90	2777	12.249
5	452	0.0408	453	1.05	58	0.467
6	585	0.0629	584	0.69	179	0.720
7	613	0.0252	613	1.01	57	0.288
8	1500 (UM)	0.5000	1491	1.41	21291	68.664
TIC:		1.2809	ng/uL			
TIM:		5.550	nmole/L			
Total Conc.:		1.5070	ng/uL			

BA29_hRetina*(2)



Peak	Size (bp)	Conc. (ng/uL)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4114	35	4.75	11951	54.899
2	329	0.0312	328	1.40	64	0.346
3	384	0.5407	382	0.87	1348	6.013
4	586	0.0298	585	0.69	80	0.331
5	1500 (UM)	0.5000	1495	1.44	20541	66.729
TIC:		0.6016	ng/uL			
TIM:		2.557	nmole/L			
Total Conc.:		0.8212	ng/uL			