Supplementary File 1A. An example of a sample that should pass quality control, with the peak around 300bp.

Data Pa		G	ligh Sensiti ::\gh Ser am Sumr		ssay A Assay_DE5410	07446_2016 - 08	3-05_14-3	9-37.xad		Created: Modified:	8/5/2016 2:39:36 PM 8/5/2016 3:20:57 PM
						RB65 ACF Lib					
=U]_					291						
					2						
- 00					$\langle \rangle$						
00-					$\langle \rangle$						
0-											
0-0				1							
0-0					Ì						
0-0				. 1				10380			
0-0		S	135	> {	1 Alexandre		, dialan.	٨			
0		4	-	X	1		~363(32)	A			
0		1	-A A-					man de la commencia de la comme	v-m_n		
		25	100	200	200 400		0 200	10280		ГЬ	
L		35	100	200	300 400	600 100	0 300	0 10380		[b	p]
L		35				600 100	0 300	0 10380		[b	p]
		35 sults 1	for sampl	e1: _	300 400		0 300			[b	p]
umber		35	for sampl	e1:		600 100	0 300	1 1 0 10380 12,488	3.4	[b	[p]
lumber		35 sults 1	for sampl	e1: _			0 300		3.4	[b	p]
umber oise:	ofp	35 suits f eaks fo	for sampl	e1:	RB65 ACF Lib		0 300		3.4	[b	[p]
umber oise: eak t	ofp	35 sults f eaks fo for sa	for sampl	e 1 :	RB65 ACF Lib 55 ACF Lib	Corr. Area 1:				[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa	for sampl	e1:	RB65 ACF Lib 55 ACF Lib			12,488	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81	for sampl	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00	RB65 ACF Lib 55 ACF Lib	Corr. Area 1: Molarity [pm 5,411.3 112.3		12,488 Observ	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81 87	for sampl	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49	RB65 ACF Lib 55 ACF Lib	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4		12,488 Observ	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81 87 130	for sampl	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4		12,488 Observ	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81 87 130 297	for sampl bund: ample 1 : [bp]	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82 12,526.7	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9		12,488 Observ	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81 87 130 297 1,350	for sampl bund: ample 1 : [bp]	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8		12,488 Observ	ations	[b	p]
umber oise: eak t	ofp	35 sults f eaks fo for sa Size 35 81 87 130 297 1,350 1,525	for sampl bund: ample 1 : [bp]	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84 13.35	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8 13.3		12,488 Observ	ations	[b	p]
umber oise: eak t eak	ofp	35 sults f eaks fo for sa Size 35 81 87 130 297 1,350 1,525 1,735	for sampl bund: ample 1 : [bp] 0 5 4	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84 13.35 12.49	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8 13.3 10.9		12,488 Observ	ations	[b	p]
umber bise: eak t eak	ofp	35 sults f eaks fo for sa Size 35 81 87 130 297 1,350 1,525	for sampl bund: ample 1 : [bp] 0 5 4 1	e 1 : 8 0.4 <u>RB6</u> Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84 13.35	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8 13.3		12,488 Observ	ations larker	[b	p]
umber oise: eak t eak	able	35 sults 1 eaks for size 35 81 87 130 297 1,350 1,529 1,734 1,955 1,734 1,955	for sampl bund: ample 1 : [bp] 0 5 4 1	e 1 : 8 0.4 Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84 13.35 12.49 13.31 75.00	RB65 ACF Lib 55 ACF Lib pg/µl]	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8 13.3 10.9 10.3		12,488 Observ Lower M	ations larker	[b	p]
lumber loise: Peak t P eak	of po able	35 sults f eaks fo for si Size 35 81 87 130 297 1,350 1,525 1,734 1,955 10,33 Ie for	for sampl bund: ample 1 : [bp] 0 5 4 1 80	e 1 : 8 0.4 Conc. [125.00 6.00 10.49 106.82 12,526.7 7.84 13.35 12.49 13.31 75.00	RB65 ACF Lib 55 ACF Lib pg/µl] 76	Corr. Area 1: Molarity [pm 5,411.3 112.3 182.4 1,247.4 63,861.9 8.8 13.3 10.9 10.3 10.9	ol/I]	12,488 Observ Lower M	ations larker	[b Co lor	p]