

Lockin #	I, Q, SIG	FMs		
1	I		butter(LP,4, 0.5)	
2	I			
3	I		butter(LP,4, 0.5)	
4	I			
5	I			
6	I			
7	I			butter(LP,4, 0.05)
8	I			butter(LP,3, 0.1)
9	I			butter(LP,4, 0.05)
10	I	blank		butter(LP,3, 0.1)
11	I		butter(LP,4, 0.5)	
12	I		butter(LP,4, 0.5)	
13	I		butter(LP,4, 0.5)	
14	I		butter(LP,4, 0.5)	butter(LP,4, 0.05)
15	I	blank		
16	I		butter(LP,4, 0.5)	
17	I	blank		
18	I		butter(LP,4, 0.5)	
19	I	blank		
20	I	blank		
21	I	blank		
22	I			butter(LP,4, 0.05)
23	I	blank		butter(LP,3, 0.1)
24	I			butter(LP,4, 0.05)
25	I	blank		butter(LP,3, 0.1)
26	I		butter(LP,4, 0.5)	
27	I		butter(LP,4, 0.5)	
28	I		butter(LP,4, 0.5)	
29	I		butter(LP,4, 0.5)	
30	I	blank		
1	Q		butter(LP,4, 0.5)	
2	Q	blank		
3	Q		butter(LP,4, 0.5)	
4	Q	blank		
5	Q	blank		
6	Q	blank		
7	Q			butter(LP,4, 0.05)
8	Q	blank		
9	Q			butter(LP,4, 0.05)
10	Q	blank		
11	Q		butter(LP,4, 0.5)	
12	Q		butter(LP,4, 0.5)	butter(LP,4, 0.05)
13	Q		butter(LP,4, 0.5)	
14	Q		butter(LP,4, 0.5)	butter(LP,4, 0.05)
15	Q	blank		
16	Q		butter(LP,4, 0.5)	
17	Q	blank		
18	Q		butter(LP,4, 0.5)	
19	Q	blank		
20	Q	blank		
21	Q	blank		
22	Q			butter(LP,4, 0.05)
23	Q	blank		
24	Q			butter(LP,4, 0.05)
25	Q	blank		
26	Q		butter(LP,4, 0.5)	
27	Q		butter(LP,4, 0.5)	butter(LP,4, 0.05)
28	Q		butter(LP,4, 0.5)	
29	Q		butter(LP,4, 0.5)	butter(LP,4, 0.05)

Lockin #	I, Q, SIG	FMs			
30	Q	blank			
1	SIG	2nd order Butter BP:	10	\pm 0.5 Hz	
2	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
3	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
4	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
5	SIG	2nd order Butter BP:	1	\pm 0.5 Hz	
6	SIG	2nd order Butter BP:	1	\pm 0.5 Hz	
7	SIG	2nd order Butter BP:	10	\pm 0.5 Hz	
8	SIG	2nd order Butter BP:	1	\pm 0.5 Hz	
9	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
10	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
11	SIG	2nd order Butter BP:	40	\pm 0.5 Hz	
12	SIG	2nd order Butter BP:	40	\pm 0.5 Hz	
13	SIG	2nd order Butter BP:	44	\pm 0.5 Hz	
14	SIG	2nd order Butter BP:	44	\pm 0.5 Hz	
15	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
16	SIG	2nd order Butter BP:	12	\pm 0.5 Hz	
17	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
18	SIG	2nd order Butter BP:	14	\pm 0.5 Hz	
19	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
20	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
21	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
22	SIG	2nd order Butter BP:	12	\pm 0.5 Hz	
23	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
24	SIG	2nd order Butter BP:	14	\pm 0.5 Hz	
25	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	
26	SIG	2nd order Butter BP:	42	\pm 0.5 Hz	
27	SIG	2nd order Butter BP:	42	\pm 0.5 Hz	
28	SIG	2nd order Butter BP:	46	\pm 0.5 Hz	
29	SIG	2nd order Butter BP:	46	\pm 0.5 Hz	
30	SIG	2nd order Butter BP:	8	\pm 0.5 Hz	