

Date	Tank #	Initial	Number	Fish length (mm) mean	Fish weight (g) mean	D.O. % saturation	D.O. mg/L	Temp C	Salinity	pH	Silicate	Phospate	pH	Total alkalinity	PCO2	Sample ID	Otolith	Otolith	Sample ID	Otolith	Otolith
		number of fish	of fish sampled							#1 area mm²							#1 wgt. (g)	#2 area mm²		#2 wgt. (g)	
8/24/2011	1	35	35	41.4	0.96																
8/24/2011	2	35	35	42.1	1.01																
8/24/2011	3	35	35	42.1	1.00																
8/24/2011	4	35	35	40.9	1.01																
8/24/2011	5	35	35	43.0	1.20																
8/24/2011	6	35	35	41.8	0.97																
8/24/2011	7	35	35	42.5	1.03																
8/24/2011	8	35	35	42.0	1.00																
8/24/2011	9	35	35	41.9	1.06																
8/25/2011	1	35				95.3	7.16	22.4	24.9	-49.1											
8/25/2011	2	35				97.1	7.30	22.4	24.9	-48.8											
8/25/2011	3	35				96.2	7.24	22.3	24.9	-47.9											
8/25/2011	4	35				96.0	7.21	22.5	24.9	-41.5											
8/25/2011	5	35				100.2	7.52	22.6	24.9	-39.8											
8/25/2011	6	35				94.6	7.13	22.3	24.9	-43.4											
8/25/2011	7	35				99.8	7.47	22.6	24.9	-33.9											
8/25/2011	8	35				99.1	7.44	22.5	24.9	-35.6											
8/25/2011	9	35				95.4	7.16	22.5	24.9	-33.9											
8/26/2011	1	35				95.0	7.17	22.0	25.7	-44.0											
8/26/2011	2	35				96.4	7.28	21.9	25.7	-43.8											
8/26/2011	3	35				95.2	7.19	21.9	25.7	-43.0											
8/26/2011	4	35				96.0	7.21	22.5	24.9	-41.5											
8/26/2011	5	35				99.8	7.53	22.0	25.8	-32.0											
8/26/2011	6	35				94.0	7.10	21.8	25.7	-34.9											
8/26/2011	7	35				99.8	7.47	22.6	24.9	-33.9											
8/26/2011	8	35				98.2	7.41	22.0	25.7	-32.3											
8/26/2011	9	35				93.0	7.02	22.0	25.7	-28.6											
8/27/2011	1	35				94.6	7.08	22.3	25.7	-43.7											
8/27/2011	2	35				95.2	7.14	22.2	25.7	-44.3											
8/27/2011	3	35				94.5	7.09	22.2	25.7	-41.9											
8/27/2011	4	35				95.1	7.12	22.3	25.7	-34.7											
8/27/2011	5	35				100.1	7.50	22.4	25.6	-31.6											
8/27/2011	6	35				90.7	6.82	22.1	25.7	-39.5											
8/27/2011	7	35				96.9	7.24	22.4	25.7	-31.8											
8/27/2011	8	35				97.9	7.32	22.3	25.7	-33.1											
8/27/2011	9	35				93.4	6.99	22.3	25.7	-30.3											
8/29/2011	1	35				96.1	7.29	21.9	24.9	-46.6											
8/29/2011	2	35				98.7	7.48	21.9	24.9	-48.3											
8/29/2011	3	35				97.3	7.37	21.9	24.9	-45.9											
8/29/2011	4	35				97.4	7.35	21.9	24.9	-38.4											
8/29/2011	5	35				101.2	7.63	21.7	24.8	-37.3											
8/29/2011	6	35				94.6	7.20	21.8	24.8	-44.0											
8/29/2011	7	35				99.0	7.46	22.0	25.0	-33.3											
8/29/2011	8	35				100.0	7.55	22.0	25.0	-36.5											
8/29/2011	9	35				94.6	7.27	21.7	24.9	-35.6											
8/30/2011	1	35				95.0	7.18	22.0	25.1	-44.2											
8/30/2011	2	35				96.2	7.28	21.9	25.1	-46.3											
8/30/2011	3	35				96.3	7.28	22.0	25.1	-43.4											
8/30/2011	4	35				96.3	7.28	22.0	25.2	-39.5											
8/30/2011	5	35				101.3	7.65	21.7	24.7	-35.2											
8/30/2011	6	35				92.0	6.99	21.8	25.1	-41.8											
8/30/2011	7	35				97.5	7.36	22.1	25.2	-32.7											
8/30/2011	8	35				98.0	7.40	22.0	25.2	-33.8											
8/30/2011	9	35				98.8	7.16	21.9	25.1	-31.3											
8/31/2011	1	35	35	48.9	1.64	98.3	7.38	22.5	24.7	-44.2											
8/31/2011	2	35	34	49.9	1.85	100.6	7.55	22.5	24.7	-46.1											
8/31/2011	3	35	34	47.4	1.43	107.5	8.05	22.6	24.8	-44.7											
8/31/2011	4	35	34	49.1	1.68	99.1	7.43	22.5	24.7	-40.7											
8/31/2011	5	35	34	51.8	2.00	104.1	7.81	22.5	24.7	-38.6											
8/31/2011	6	35	35	48.5	1.72	107.5	8.05	22.6	24.8	-43.6											
8/31/2011	7	35	33	49.8	1.78	97.8	7.33	22.6	24.7	-34.9											
8/31/2011	8	35	35	48.9	1.69	93.8	7.05	22.5	24.6	-33.9											

8/31/2011	9	35	35	50.0	1.78	98.8	7.41	22.6	24.7	-31.9
9/1/2011	1	35				96.3	7.24	22.5	24.5	-40.8
9/1/2011	2	35				93.4	7.03	22.5	24.5	-42.9
9/1/2011	3	35				107.7	8.07	22.7	24.5	-45.4
9/1/2011	4	35				109.1	7.35	22.5	24.5	-36.1
9/1/2011	5	35				104.5	7.85	22.7	24.6	-33.5
9/1/2011	6	35				104.6	7.84	22.7	24.5	-44.0
9/1/2011	7	35				98.8	7.41	22.6	24.5	-34.3
9/1/2011	8	35				104.9	7.86	22.7	24.6	-38.0
9/1/2011	9	35				109.1	8.16	22.7	24.6	-36.0
9/2/2011	1	35				92.9	7.00	22.4	24.3	-42.9
9/2/2011	2	35				93.5	7.05	22.4	24.3	-42.8
9/2/2011	3	35				106.3	7.98	22.6	24.2	-42.3
9/2/2011	4	35				93.5	7.04	22.2	24.3	-39.4
9/2/2011	5	35				100.7	7.59	22.3	24.3	-40.1
9/2/2011	6	35				104.1	7.82	22.6	24.2	-41.4
9/2/2011	7	35				95.6	7.19	22.4	24.3	-34.5
9/2/2011	8	35				101.9	7.66	22.6	24.2	-36.1
9/2/2011	9	35				107.6	8.08	22.6	24.3	-35.5
9/3/2011	1	35				105.2	7.94	22.4	24.1	-44.6
9/3/2011	2	35				107.0	8.07	22.4	24.1	-47.5
9/3/2011	3	35				116.9	8.79	22.6	24.1	-46.0
9/3/2011	4	35				106.1	8.00	22.5	24.1	-42.0
9/3/2011	5	35				113.6	8.56	22.6	24.1	-41.1
9/3/2011	6	35				114.2	8.59	22.6	24.1	-45.0
9/3/2011	7	35				107.3	8.07	22.6	24.1	-33.6
9/3/2011	8	35				116.4	8.75	22.6	24.1	-36.0
9/3/2011	9	35				118.6	8.90	22.6	24.1	-29.5
9/4/2011	1	35				105.3	7.97	22.4	24.4	-40.1
9/4/2011	2	35				106.4	8.01	22.4	24.4	-41.2
9/4/2011	3	35				116.8	8.76	22.6	24.5	-40.3
9/4/2011	4	35				106.7	8.03	22.5	24.9	-36.1
9/4/2011	5	35				112.0	8.46	22.4	24.4	-38.8
9/4/2011	6	35				114.4	8.60	22.6	24.5	-38.3
9/4/2011	7	35				108.2	8.07	22.6	24.4	-26.4
9/4/2011	8	35				115.9	8.70	22.6	24.5	-29.6
9/4/2011	9	35				120.1	8.99	22.7	24.5	-30.0
9/5/2011	1	35				104.9	7.92	22.4	24.2	-37.5
9/5/2011	2	35				105.9	7.97	22.4	24.2	-38.8
9/5/2011	3	35				116.3	8.74	22.6	24.2	-38.9
9/5/2011	4	35				105.3	7.93	22.5	24.2	-31.4
9/5/2011	5	35				112.2	8.45	22.0	24.3	-34.4
9/5/2011	6	35				114.1	8.60	22.6	24.2	-36.0
9/5/2011	7	35				106.8	8.04	22.6	24.2	-24.4
9/5/2011	8	35				115.8	8.68	22.6	24.2	-27.6
9/5/2011	9	35				118.8	8.91	22.6	24.2	-27.6
9/6/2011	1	35				102.3	7.70	22.5	24.5	-40.7
9/6/2011	2	35				100.3	7.54	22.4	24.5	-40.9
9/6/2011	3	35				114.5	8.60	22.6	24.4	-43.9
9/6/2011	4	35				102.4	7.69	22.5	24.5	-32.7
9/6/2011	5	35				110.9	8.33	22.0	24.2	-30.3
9/6/2011	6	35				112.1	8.41	22.6	24.4	-37.4
9/6/2011	7	35				105.8	7.94	22.6	24.5	-25.6
9/6/2011	8	35				113.2	8.48	22.6	24.4	-29.7
9/6/2011	9	35				118.8	8.87	22.7	24.4	-25.7
9/7/2011	1	35				86.0	6.79	21.2	19.9	-25.9
9/7/2011	2	35				81.5	6.44	21.2	19.8	-29.9
9/7/2011	3	35				96.4	7.73	21.1	17.8	-29.3
9/7/2011	4	35				85.6	6.78	21.2	19.5	-18.2
9/7/2011	5	35				92.5	7.40	21.1	18.1	-22.4
9/7/2011	6	35				94.7	7.60	21.1	17.7	-26.1
9/7/2011	7	35				86.8	6.91	21.2	18.7	-15.1
9/7/2011	8	35				95.2	7.65	21.1	17.4	-17.7
9/7/2011	9	35				99.5	8.04	21.0	16.6	-15.8
9/8/2011	1	35	35	58.5	2.88	92.9	7.07	22.1	23.9	-33.5

9/8/2011	2	35	34	60.4	3.26	100.8	7.69	22.1	23.6	-35.2							
9/8/2011	3	35	34	56.7	2.73	104.6	7.98	22.1	23.4	-35.4							
9/8/2011	4	35	33	59.2	3.09	92.5	7.04	22.1	23.9	-27.5							
9/8/2011	5	35	34	61.6	3.55	98.5	7.50	22.1	23.8	-25.6							
9/8/2011	6	35	35	58.8	3.14	101.1	7.70	22.1	23.6	-32.0							
9/8/2011	7	35	31	60.5	3.35	102.4	7.80	22.1	23.6	-21.8							
9/8/2011	8	35	35	59.1	3.16	93.7	7.13	22.1	23.9	-20.0							
9/8/2011	9	35	35	61.0	3.26	96.7	7.37	22.1	23.7	-19.8							
9/9/2011	1	35				93.3	7.07	22.1	24.2	-37.8							
9/9/2011	2	35				88.7	6.72	22.1	24.2	-37.1							
9/9/2011	3	35				91.7	6.95	22.1	24.2	-34.9							
9/9/2011	4	35				91.4	6.94	22.1	24.1	-30.1							
9/9/2011	5	35				90.9	6.89	22.1	24.2	-19.7							
9/9/2011	6	35				92.3	7.00	22.1	24.2	-32.5							
9/9/2011	7	35				90.2	6.84	22.1	24.1	-18.9							
9/9/2011	8	35				86.6	6.57	22.1	24.1	-19.1							
9/9/2011	9	35				91.7	6.95	22.1	24.2	-17.5							
9/10/2011	1	35				88.2	6.71	21.8	24.5	-35.2							
9/10/2011	2	35				87.0	6.62	21.8	24.5	-34.2							
9/10/2011	3	35				83.6	6.37	21.7	24.4	-31.1							
9/10/2011	4	35				89.8	6.84	21.7	24.5	-25.1							
9/10/2011	5	35				88.7	6.76	21.6	24.5	-27.7							
9/10/2011	6	35				89.8	6.84	21.7	24.5	-29.2							
9/10/2011	7	35				79.2	6.03	21.7	24.4	-15.9							
9/10/2011	8	35				85.3	6.50	21.8	24.5	-16.5							
9/10/2011	9	35				90.0	6.85	21.6	24.5	-14.0							
9/11/2011	1	35				93.0	7.08	22.6	22.2	-43.1							
9/11/2011	2	35				92.8	7.07	22.5	22.2	-42.1							
9/11/2011	3	35				85.6	6.52	22.4	22.3	-37.3							
9/11/2011	4	35				93.4	7.10	22.6	22.2	-30.2							
9/11/2011	5	35				93.6	7.14	22.4	22.2	-27.1							
9/11/2011	6	35				91.0	6.94	22.5	22.3	-33.8							
9/11/2011	7	35				84.6	6.44	22.5	22.3	-18.6							
9/11/2011	8	35				89.2	7.07	22.5	22.3	-21.6							
9/11/2011	9	35				90.7	7.37	22.6	22.2	-20.2							
9/12/2011	1	35				88.6	6.71	22.2	23.8	-35.0							
9/12/2011	2	35				85.4	6.49	22.1	23.8	-34.8							
9/12/2011	3	35				79.8	6.06	22.1	23.7	-32.3							
9/12/2011	4	35				86.7	7.58	22.2	23.8	-27.2							
9/12/2011	5	35				85.0	6.46	21.8	23.5	-29.3							
9/12/2011	6	35				86.2	6.55	22.1	23.8	-29.4							
9/12/2011	7	35				75.5	5.74	22.2	23.7	-16.2							
9/12/2011	8	35				82.0	6.23	22.2	23.7	-20.5							
9/12/2011	9	35				87.7	6.66	22.2	23.8	-19.1							
9/13/2011	1	35				89.6	6.78	22.5	23.0	-37.1							
9/13/2011	2	35				87.0	6.60	22.5	23.0	-36.2							
9/13/2011	3	35				81.8	6.21	22.4	23.1	-32.7							
9/13/2011	4	35				91.4	6.92	22.6	23.0	-30.0							
9/13/2011	5	35				87.6	6.66	21.9	22.9	-27.5							
9/13/2011	6	35				87.8	6.65	22.4	23.0	-28.1							
9/13/2011	7	35				76.6	5.81	22.5	23.1	-19.5							
9/13/2011	8	35				83.8	6.36	22.5	23.1	-19.5							
9/13/2011	9	35				92.4	6.99	22.5	23.0	-17.7							
9/14/2011	1	35	35	66.9	4.28	91.0	6.84	22.7	23.8	-40.0							
9/14/2011	2	35	34	68.7	5.00	88.8	6.68	22.6	23.8	-38.6							
9/14/2011	3	35	33	64.5	4.22	97.8	7.34	22.7	23.9	-41.7							
9/14/2011	4	35	33	68.1	4.73	90.7	6.82	22.6	23.8	-32.4							
9/14/2011	5	35	33	70.8	5.38	92.6	6.97	22.5	23.8	-32.3							
9/14/2011	6	35	35	66.5	4.59	88.1	6.63	22.7	23.8	-32.3							
9/14/2011	7	35	31	69.8	6.63	93.6	7.03	22.7	23.8	-21.2							
9/14/2011	8	35	35	67.5	4.69	86.4	6.50	22.6	23.8	-20.0							
9/14/2011	9	35	35	69.8	4.97	92.7	6.97	22.7	23.8	-20.8							
9/15/2011	1	35				85.2	6.41	22.6	23.9	-34.7	9.72	3.78	7.540	1895	1282.7		
9/15/2011	2	35				79.0	5.95	22.6	24.0	-33.4	10.03	4.34	7.473	1860	1480.4		
9/15/2011	3	35				93.1	6.99	22.7	24.0	-36.0	10.31	3.13	7.554	1867	1221.6		

9/15/2011	4	35				85.2	6.33	22.6	24.0	-26.0	9.82	2.97	7.416	1896	1732.9
9/15/2011	5	35				85.9	6.47	22.4	24.0	-18.9	10.34	3.77	7.394	1978	1905.8
9/15/2011	6	35				81.7	6.15	22.5	24.0	-26.4	10.57	9.39	7.351	1886	2007.4
9/15/2011	7	35				89.8	6.75	22.6	24.0	-17.0	10.34	3.35	7.206	1881	2834.9
9/15/2011	8	35				77.1	5.81	22.5	24.0	-16.6	10.17	4.44	7.179	1925	3091.3
9/15/2011	9	35				85.2	6.40	22.6	24.0	-14.8	10.77	3.38	7.203	1849	2806.2
9/16/2011	1	35				83.4	6.38	21.7	24.0	-29.1					
9/16/2011	2	35				77.7	5.95	21.6	24.0	-27.0					
9/16/2011	3	35				92.9	7.10	21.8	24.0	-31.6					
9/16/2011	4	35				83.6	6.21	21.7	24.0	-20.7					
9/16/2011	5	35				82.5	6.32	21.7	24.0	-21.7					
9/16/2011	6	35				79.3	6.07	21.6	24.0	-21.3					
9/16/2011	7	35				87.1	6.66	21.7	24.0	-13.8					
9/16/2011	8	35				74.4	5.70	21.6	24.0	-11.0					
9/16/2011	9	35				83.6	6.39	21.7	24.0	-11.2					
9/17/2011	1	35				88.5	6.79	21.3	24.5	-33.5					
9/17/2011	2	35				85.1	6.53	21.3	24.6	-31.8					
9/17/2011	3	35				94.8	7.27	21.4	24.5	-33.9					
9/17/2011	4	35				87.5	6.72	21.3	24.6	-25.2					
9/17/2011	5	35				87.5	6.73	21.2	24.5	-27.2					
9/17/2011	6	35				85.1	6.54	21.2	24.6	-25.7					
9/17/2011	7	35				91.7	7.03	21.3	24.6	-17.2					
9/17/2011	8	35				78.9	6.07	21.2	24.6	-14.5					
9/17/2011	9	35				88.8	6.81	21.2	24.6	-16.2					
9/18/2011	1	35				85.4	6.63	20.7	24.6	-29.7					
9/18/2011	2	35				80.2	6.23	20.7	24.6	-27.8					
9/18/2011	3	35				92.0	7.13	20.8	24.6	-33.0					
9/18/2011	4	35				81.7	6.35	20.7	24.6	-20.1					
9/18/2011	5	35				74.6	5.83	20.4	24.4	-13.7					
9/18/2011	6	35				78.5	6.10	20.6	24.6	-25.0					
9/18/2011	7	35				88.7	6.88	20.7	24.6	-15.8					
9/18/2011	8	35				70.9	5.51	20.6	24.6	-13.4					
9/18/2011	9	35				82.4	6.40	20.7	24.6	-12.5					
9/19/2011	1	35				87.8	6.84	20.6	24.6	-32.7					
9/19/2011	2	35				83.4	6.49	20.6	24.6	-33.9					
9/19/2011	3	35				96.5	7.50	20.6	24.6	-35.5					
9/19/2011	4	35				89.1	6.74	20.5	24.6	-23.2					
9/19/2011	5	35				80.5	6.28	20.2	24.6	-22.3					
9/19/2011	6	35				83.0	6.46	20.5	24.6	-24.2					
9/19/2011	7	35				90.1	7.00	20.6	24.6	-13.4					
9/19/2011	8	35				78.7	6.13	20.5	24.6	-13.6					
9/19/2011	9	35				89.1	6.92	20.5	24.6	-13.9					
9/20/2011	1	35				83.4	6.54	20.2	24.1	-35.8					
9/20/2011	2	35				76.0	5.96	20.2	24.1	-33.4					
9/20/2011	3	35				91.2	7.16	20.2	24.2	-38.0					
9/20/2011	4	35				80.7	6.33	20.4	24.1	-26.6					
9/20/2011	5	35				61.3	4.81	20.4	24.1	-17.5					
9/20/2011	6	35				71.9	5.64	20.2	24.1	-25.7					
9/20/2011	7	35				86.0	6.75	20.2	24.1	-18.2					
9/20/2011	8	35				70.7	5.55	20.2	24.2	-16.0					
9/20/2011	9	35				80.6	6.32	20.4	24.1	-13.5					
9/21/2011	1	35	34	75.0	6.49	90.3	7.06	20.6	24.2	-37.1					
9/21/2011	2	35	33	77.0	7.31	93.4	7.28	20.6	24.2	-39.4					
9/21/2011	3	35	32	73.8	6.61	94.6	7.38	20.5	24.2	-38.8					
9/21/2011	4	35	32	76.9	7.38	89.3	6.96	20.6	24.1	-28.6					
9/21/2011	5	35	32	79.1	7.96	93.4	7.27	20.8	24.1	-32.2					
9/21/2011	6	35	35	74.6	6.66	90.1	7.03	20.5	24.2	-32.6					
9/21/2011	7	35	28	80.1	8.13	93.1	7.26	20.6	24.1	-21.9					
9/21/2011	8	35	34	76.6	7.26	89.9	7.01	20.6	24.2	-23.4					
9/21/2011	9	35	35	78.5	7.78	88.0	6.86	20.7	24.1	-20.5					
9/22/2011	1	35									1.13	2.33	7.681	1846	884.2
9/22/2011	2	35									0.28	2.25	7.663	1923	963.7
9/22/2011	3	35									0.00	2.26	7.664	1842	920.2
9/22/2011	4	35									0.00	2.39	7.530	1843	1278.9
9/22/2011	5	35									0.00	2.26	7.545	1845	1234.2

9/22/2011	6	35								0.00	2.48	7.478	1846	1453.0	
9/22/2011	7	35								0.00	2.33	7.228	1884	2696.9	
9/22/2011	8	35								0.00	2.28	7.295	1848	2256.1	
9/22/2011	9	35								0.00	2.25	7.270	1857	2406.0	
9/23/2011	1	35				84.4	6.47	21.3	24.2	-37.9					
9/23/2011	2	35				79.6	6.10	21.3	24.2	-38.2					
9/23/2011	3	35				81.7	6.26	21.4	24.2	-38.3					
9/23/2011	4	35				76.8	5.89	21.3	24.2	-28.8					
9/23/2011	5	35				84.6	6.49	21.4	24.2	-28.7					
9/23/2011	6	35				73.6	5.64	21.3	24.2	-29.7					
9/23/2011	7	35				86.4	6.62	21.3	24.2	-18.8					
9/23/2011	8	35				75.7	5.81	21.4	24.2	-19.0					
9/23/2011	9	35				73.2	5.61	21.4	24.2	-13.1					
9/24/2011	1	35				82.0	6.34	21.5	22.7	-34.5					
9/24/2011	2	35				77.7	6.00	21.5	22.7	-32.6					
9/24/2011	3	35				78.9	6.10	21.5	22.7	-30.4					
9/24/2011	4	35				74.2	5.74	21.5	22.6	-22.9					
9/24/2011	5	35				81.6	6.31	21.5	22.7	-21.4					
9/24/2011	6	35				70.9	5.47	21.5	22.7	-21.2					
9/24/2011	7	35				82.5	6.37	21.5	22.7	-15.9					
9/24/2011	8	35				73.2	5.66	21.6	22.7	-15.1					
9/24/2011	9	35				71.9	5.55	21.5	22.7	-11.2					
9/25/2011	1	35				82.2	6.33	21.3	24.1	-29.6					
9/25/2011	2	35				71.5	5.50	21.3	24.1	-30.0					
9/25/2011	3	35				74.5	5.73	21.3	24.1	-26.7					
9/25/2011	4	35				67.7	5.21	21.3	24.1	-19.8					
9/25/2011	5	35				80.8	6.23	21.3	24.1	-23.1					
9/25/2011	6	35				61.0	4.70	21.3	24.1	-22.8					
9/25/2011	7	35				81.6	6.28	21.3	24.1	-15.3					
9/25/2011	8	35				84.4	6.46	21.2	25.4	-14.9					
9/25/2011	9	35				64.0	4.93	21.3	24.1	-12.4					
9/26/2011	1	35				77.7	6.02	21.4	24.1	-27.2					
9/26/2011	2	35				71.6	5.51	21.4	24.1	-27.8					
9/26/2011	3	35				72.6	5.59	21.4	24.1	-24.4					
9/26/2011	4	35				69.0	5.30	21.4	24.1	-17.9					
9/26/2011	5	35				76.8	5.90	21.2	23.7	-22.1					
9/26/2011	6	35				62.4	4.96	21.4	24.1	-19.7					
9/26/2011	7	35				78.2	6.02	21.4	24.1	-15.4					
9/26/2011	8	35				64.6	5.23	21.4	24.1	-12.7					
9/26/2011	9	35				65.8	5.06	21.4	24.1	-12.0					
9/28/2011	1	35	34	82.2	8.67	91.8	7.03	21.7	23.9	-39.7	11.15	6.40	7.486	1798	1384.6
9/28/2011	2	35	33	84.1	9.54	83.7	6.40	21.8	23.9	-34.1	10.35	6.72	7.450	1796	1508.5
9/28/2011	3	35	4	76.3	6.95	100.2	7.67	21.7	23.9	-46.2	12.21	3.86	7.600	1787	1043.7
9/28/2011	4	35	32	84.2	9.45	83.6	6.40	21.7	23.9	-28.5	9.92	5.32	7.349	1819	1948.8
9/28/2011	5	35	32	86.9	10.63	82.9	6.35	21.7	23.9	-26.7	9.14	4.81	7.317	1791	2071.4
9/28/2011	6	35	35	81.3	8.83	85.8	6.56	21.8	23.8	-30.5	9.54	5.11	7.349	1803	1931.7
9/28/2011	7	35	28	88.3	10.75	85.0	6.50	21.7	23.9	-19.0	11.33	4.82	7.164	1800	2992.7
9/28/2011	8	35	34	83.8	9.29	82.3	6.30	21.8	23.9	-19.5	9.64	6.48	7.149	1794	3087.5
9/28/2011	9	35	35	86.1	10.12	85.9	6.57	21.7	23.9	-17.5	9.31	5.37	7.126	1804	3279.7
9/29/2011	1	35				85.1	6.56	21.4	23.5	-35.8					
9/29/2011	2	35				83.2	6.41	21.4	23.6	-35.5					
9/29/2011	3	35				99.1	7.63	21.4	23.6	-44.3					
9/29/2011	4	35				73.9	5.70	21.4	23.5	-24.2					
9/29/2011	5	35				70.0	5.40	21.3	23.4	-23.1					
9/29/2011	6	35				76.7	5.91	21.4	23.6	-26.9					
9/29/2011	7	35				76.2	5.87	21.4	23.5	-16.2					
9/29/2011	8	35				69.4	5.35	21.5	23.6	-15.0					
9/29/2011	9	35				77.5	5.97	21.4	23.5	-14.4					
9/30/2011	1	35				83.1	6.48	21.2	22.4	-30.9					
9/30/2011	2	35				81.8	6.38	21.2	22.3	-30.7					
9/30/2011	3	35				98.9	7.71	21.2	22.3	-38.7					
9/30/2011	4	35				68.1	5.31	21.1	22.5	-19.2					
9/30/2011	5	35				65.8	5.14	21.1	22.4	-16.4					
9/30/2011	6	35				72.9	5.68	21.2	22.3	-20.6					
9/30/2011	7	35				73.8	5.75	21.1	22.4	-12.2					

10/8/2011	1	35				81.1	6.36	20.4	24.1	-32.2		
10/8/2011	2	35				59.7	4.68	20.4	24.1	-24.1		
10/8/2011	3	35				104.1	8.13	20.3	24.1	-44.2		
10/8/2011	4	35				67.6	5.30	20.4	24.1	-21.7		
10/8/2011	5	35				83.4	6.54	20.4	24.1	-26.0		
10/8/2011	6	35				67.3	5.27	20.4	24.1	-23.9		
10/8/2011	7	35				68.8	5.39	20.4	24.1	-19.1		
10/8/2011	8	35				70.0	5.49	20.3	24.1	-21.2		
10/8/2011	9	35				63.3	4.96	20.4	24.1	-18.9		
10/9/2011	1	35				82.1	6.42	20.4	24.1	-33.0		
10/9/2011	2	35				64.0	5.00	20.5	24.1	-28.8		
10/9/2011	3	35				100.4	7.85	20.5	24.1	-40.6		
10/9/2011	4	35				67.0	5.24	20.5	24.1	-24.8		
10/9/2011	5	35				82.0	6.40	20.6	24.0	-26.6		
10/9/2011	6	35				71.5	5.59	20.5	24.1	-30.3		
10/9/2011	7	35				70.8	5.54	20.4	24.1	-22.9		
10/9/2011	8	35				68.3	5.34	20.4	24.1	-24.8		
10/9/2011	9	35				65.9	5.15	20.5	24.1	-22.2		
10/10/2011	1	35				93.7	7.34	20.4	23.7	-37.3		
10/10/2011	2	35				83.1	6.51	20.5	23.8	-31.6		
10/10/2011	3	35				103.3	8.09	20.4	23.7	-43.0		
10/10/2011	4	35				82.5	6.47	20.4	23.8	-26.3		
10/10/2011	5	35				94.9	7.45	20.5	23.4	-31.7		
10/10/2011	6	35				86.0	6.75	20.5	23.7	-27.6		
10/10/2011	7	35				87.4	5.86	20.4	23.7	-28.1		
10/10/2011	8	35				85.5	6.71	20.4	23.7	-27.2		
10/10/2011	9	35				80.3	6.28	20.4	23.7	-26.3		
10/11/2011	1	35				80.8	6.30	20.6	24.2	-31.6		
10/11/2011	2	35				56.4	4.39	20.7	24.2	-27.4		
10/11/2011	3	35				100.5	7.82	20.6	24.2	-44.1		
10/11/2011	4	35				64.1	4.99	20.6	24.2	-23.2		
10/11/2011	5	35				78.7	6.12	20.7	24.1	-26.7		
10/11/2011	6	35				65.1	5.07	20.7	24.2	-27.8		
10/11/2011	7	35				73.5	5.73	20.6	24.2	-23.0		
10/11/2011	8	35				72.0	5.61	20.6	24.2	-24.6		
10/11/2011	9	35				66.8	5.20	20.7	24.2	-22.1		
10/12/2011	1	35	34	95.9	14.85	88.3	6.89	20.5	24.3	-40.9		
10/12/2011	2	35	33	98.8	16.15	69.2	5.39	20.5	24.2	-33.3		
10/12/2011	3	35	4	90.8	11.44	102.8	8.02	20.5	24.3	-51.0		
10/12/2011	4	35	32	98.9	16.20	79.0	6.16	20.5	24.2	-28.3		
10/12/2011	5	35	32	101.7	17.81	85.6	6.67	20.5	24.2	-31.8		
10/12/2011	6	35	34	95.4	14.93	73.6	5.74	20.5	24.2	-33.7		
10/12/2011	7	35	27	102.6	18.19	82.5	6.44	20.5	24.2	-25.6		
10/12/2011	8	35	34	96.5	15.43	79.1	6.17	20.5	24.2	-26.2		
10/12/2011	9	35	35	100.5	17.28	74.9	5.84	20.5	24.2	-25.1		
10/13/2011	1	35				82.8	6.46	20.5	24.2	-35.7	36.013	4.947
10/13/2011	2	35				53.7	4.19	20.6	24.1	-27.8	36.013	5.699
10/13/2011	3	35				101.8	7.94	20.5	24.2	-51.7	36.184	2.792
10/13/2011	4	35				62.5	4.87	20.6	24.1	-24.8	36.129	5.22
10/13/2011	5	35				77.5	6.04	20.6	24.1	-23.7	36.553	3.589
10/13/2011	6	35				64.2	5.01	20.5	24.2	-30.0	35.916	5.351
10/13/2011	7	35				76.0	5.93	20.5	24.1	-23.5	35.526	5.784
10/13/2011	8	35				73.5	5.74	20.5	24.2	-25.8	35.706	5.44
10/13/2011	9	35				65.2	5.08	20.6	24.1	-22.3	36.259	5.564
10/14/2011	1	35				71.1	5.56	20.5	24.1	-30.8		
10/14/2011	2	35				76.4	5.96	20.5	24.1	-34.0		
10/14/2011	3	35				90.6	7.08	20.5	24.1	-47.5		
10/14/2011	4	35				72.5	5.66	20.5	24.1	-26.0		
10/14/2011	5	35				70.9	5.53	20.5	24.1	-26.9		
10/14/2011	6	35				61.3	4.79	20.5	24.1	-27.0		
10/14/2011	7	35				73.7	5.75	20.5	24.1	21.3		
10/14/2011	8	35				69.7	5.44	20.5	24.1	-22.5		
10/14/2011	9	35				63.3	4.94	20.6	24.1	-19.6		
10/15/2011	1	35				66.3	5.21	20.4	23.6	-29.0		
10/15/2011	2	35				68.0	5.33	20.4	23.6	-30.6		

[illegible]

1	97	W1	3.094	0.0053	W2	3.268	0.0053
1	97	W3	3.568	0.0058	W4	3.487	0.0055
1	94	X1	3.297	0.0050	X2	3.241	0.0050
1	96	Y1	3.486	0.0056	Y2	3.525	0.0056
1	94	Z1	2.998	0.0048	Z2	3.220	0.0048
1	97	AA1	3.166	0.0050	AA2	3.192	0.0050
1	96	AB1	3.456	0.0055	AB2	3.367	0.0055
1	99	AC1	3.466	0.0058	AC2	3.364	0.0054
1	92	AD1	2.873	0.0044	AD2	2.594	0.0042
1	79	AE1	2.285	0.0038	AE2	2.283	0.0037
2	98	A1	2.866	0.0045	A2	3.115	0.0045
2	98	B1	3.191	0.0050			
2	99	C1	3.008	0.0046	C2	3.376	0.0049
2	97	D1	3.530	0.0055	D2	3.396	0.0053
2	98	E1	3.165	0.0049	E2	3.032	0.0049
2	102	F1	3.349	0.0052	F2	3.389	0.0053
2	98	G1	3.236	0.0052	G2	3.379	0.0051
2	99	H1	3.004	0.0048			
2	10	I1	3.460	0.0051	I2	3.550	0.0050
2	98	J1	3.256	0.0049	J2	3.420	0.0050
2	100	K1	3.310	0.0054	K2	3.515	0.0055
2	97	L1	3.130	0.0047	L2	3.123	0.0046
2	108	M1	3.523	0.0055	M2	3.549	0.0054
2	101	N1	3.649	0.0056	N2	3.771	0.0056
2	107	O1	3.588	0.0054	O2	3.295	0.0053
2	100	P1	3.497	0.0053	P2	3.531	0.0053
2	101	Q1	3.246	0.0046	Q2	3.266	0.0048
2	100	R1	3.411	0.0049	R2	3.663	0.0054
2	97	S1	3.389	0.0048	S2	3.394	0.0050
2	103	T1	3.305	0.0056	T2	3.478	0.0057
2	105	U1	3.667	0.0057			
2	104			0.0057	V2	3.996	0.0062
2	98	W1	3.346	0.0051	W2	3.353	0.0051
2	105	X1	3.662	0.0058	X2	3.863	0.0061
2	98	Y1	3.062	0.0045	Y2	3.249	0.0047
2	95	Z1	3.180	0.0048	Z2	3.116	0.0045
2	100	AA1	3.207	0.0048	AA2	3.271	0.0048
2	102	AB1	3.813	0.0056	AB2	3.812	0.0055
2	104	AC1	3.342	0.0051	AC2	3.330	0.0052
2	99	AD1	2.945	0.0050	AD2	3.159	0.0050
2	100	AE1	3.462	0.0052	AE2	3.574	0.0052
3	85	A1	2.611	0.0035			
3	76	B1	2.243	0.0031	B2	2.333	0.0033
3	79	C1	2.401	0.0033			
3	80	D1	2.390	0.0032	D2	2.580	0.0032
3	79	E1	2.526	0.0034	E2	2.449	0.0033
3	78	F1	2.295	0.0030	F2	2.287	0.0031
3	77	G1	2.409	0.0032	G2	2.435	0.0032
3	74	H1	2.257	0.0030	H2	2.060	0.0028
3	70	I1	1.899	0.0024	I2	1.982	0.0026
3	78	J1	2.126	0.0029	J2	2.215	0.0030
3	79	K1	2.294	0.0034	K2	2.290	0.0032
3	94	L1	2.824	0.0042	L2	2.871	0.0045
3	92	M1	3.042	0.0047	M2	3.130	0.0046
3	94	N1	2.780	0.0038	N2	2.660	0.0040
3	81	O1	2.435	0.0032	O2	2.454	0.0032
3	79	P1	2.101	0.0031	P2	2.382	0.0032
3	90	Q1	3.056	0.0047			
3	77	R1	2.191	0.0031	R2	2.150	0.0029
3	74	S1	2.122	0.0030			
3	78	T1	2.333	0.0032	T2	2.295	0.0031
3	70	U1	2.064	0.0028			
3	76	V1	2.293	0.0029	V2	2.236	0.0032
3	77	W1	2.252	0.0032	W2	2.262	0.0029
3	80	X1	2.322	0.0030	X2	2.356	0.003

3	72	Y1	2.034	0.0023			
3	75	AA1	2.175	0.0028	AA2	2.162	0.0028
3	74	AB1	2.188	0.0029			
3	80	AC1	2.320	0.0032	AC2	2.298	0.0032
3	76	AD1	2.457	0.0033	AD2	2.419	0.0032
4	107	A1	3.005	0.0049	A2	3.359	0.0051
4	95	B1	3.382	0.0050	B2	3.416	0.0052
4	92	C1	3.060	0.0047			
4	98	D1	3.050	0.0048	D2	3.178	0.0048
4	95	E1	3.441	0.0052	E2	3.484	0.0052
4	95	F1	3.223	0.0054	F2	3.361	0.0055
4	105	G1	3.658	0.0055	G2	3.665	0.0056
4	100	H1	3.261	0.0048	H2	3.334	0.0048
4	95	I1	3.278	0.0047	I2	3.290	0.0047
4	105	J1	3.595	0.0056	J2	3.784	0.0057
4	97	K1	3.265	0.0048	K2	3.216	0.0048
4	90	L1	2.897	0.0040	L2	2.850	0.0043
4	103	M1	3.762	0.0059	M2	3.497	0.0058
4	100	N1	3.300	0.0052	N2	3.282	0.0052
4	97	O1	3.206	0.0046	O2	3.095	0.0044
4	96	P1	3.383	0.0049			
4	92	Q1	3.098	0.0043	Q2	3.053	0.0043
4	101	R1	3.197	0.0044	R2	3.288	0.0046
4	99	S1	3.580	0.0054	S2	3.337	0.0054
4	93	T1	3.180	0.0046	T2	3.096	0.0044
4	91	U1	3.075	0.0051	U2	3.417	0.0053
4	95	V1	3.573	0.0050	V2	3.436	0.0048
4	100	W1	3.841	0.0062	W2	3.824	0.0061
4	93	X1	3.655	0.0052	X2	3.596	0.0052
4	95	Y1	3.337	0.0051	Y2	3.692	0.0051
4	105	Z1	3.817	0.0063	Z2	3.071	0.0055
4	90	AA1	3.562	0.0044	AA2	2.976	0.0043
4	105	AB1	3.582	0.0058	AB2	3.774	0.0058
5	103	A1	3.913	0.0059	A2	3.426	0.0055
5	100	B1	3.241	0.0051	B2	3.328	0.0052
5	104	C1	3.462	0.0058	C2	3.474	0.0057
5	105	D1	3.380	0.0053	D2	3.428	0.0053
5	109	E1	3.512	0.0059	E2	3.523	0.0062
5	105	F1	3.576	0.0055	F2	3.480	0.0054
5	98	G1	3.547	0.0056			
5	99	H1	3.169	0.0052	H2	3.116	0.0051
5	102	I1	3.458	0.0055	I2	3.281	0.0053
5	105	J1	3.558	0.0061	J2	3.697	0.0060
5	100	K1	3.296	0.0058	K2	3.374	0.0059
5	110	L1	3.817	0.0065	L2	3.938	0.0061
5	105	M1	3.850	0.0063	M2	3.202	0.0061
5	102	N1	3.645	0.0061	N2	3.605	0.0061
5	92	O1	3.236	0.0053	O2	3.264	0.0054
5	97	P1	3.141	0.0050	P2	2.941	0.0051
5	103	Q1	3.558	0.0058	Q2	3.359	0.0059
5	104	R1	3.717	0.0065	R2	3.842	0.0064
5	101	S1	3.121	0.0052	S2	2.975	0.0052
5	107	T1	3.586	0.0054	T2	3.506	0.0054
5	93	U1	3.027	0.0045	U2	3.036	0.0043
5	107	V1	3.857	0.0057	V2	3.712	0.0056
5	101	W1	3.670	0.0061	W2	3.655	0.0061
5	99	X1	3.510	0.0050	X2	3.415	0.0055
5	108	Y1	4.111	0.0060	Y2	3.541	0.0065
5	106	Z1	3.502	0.0053	Z2	3.560	0.0054
5	107	AA1	3.538	0.0058	AA2	3.527	0.0058
5	100	AB1	3.651	0.0051	AB2	3.713	0.0053
5	102	AC1	3.071	0.0050	AC2	3.134	0.0050
5	107	AD1	4.042	0.0068	AD2	3.930	0.0068
5	106	AE1	3.328	0.0056	AE2	3.612	0.0061
5	100	AF1	3.654	0.0062	AF2	3.523	0.0062

6	96	A1	3.180	0.0048	A2	3.186	0.0049
6	89	B1	3.392	0.0048	B2	3.293	0.0050
6	100	C1	3.115	0.0049	C2	2.857	0.0048
6	92	D1	3.140	0.0047	D2	3.030	0.0046
6	100	E1	3.687	0.0060	E2	3.625	0.0059
6	100	F1	3.511	0.0059	F2	3.642	0.0059
6	96	G1	3.409	0.0052	G2	3.350	0.0050
6	86	H1	2.622	0.0041	H2	2.510	0.0039
6	95	I1	3.388	0.0052	I2	3.238	0.0052
6	98	J1	3.488	0.0052	J2	3.260	0.0050
6	104	K1	3.160	0.0052	K2	3.500	0.0057
6	95	L1	3.591	0.0056			
6	105	M1	3.093	0.0056	M2	3.785	0.0059
6	100	N1	3.193	0.0051	N2	3.296	0.0050
6	95	O1	3.021	0.0048	O2	3.157	0.0049
6	98	P1	3.226	0.0054	P2	3.190	0.0054
6	96	Q1	3.141	0.0051	Q2	3.180	0.0050
6	94	R1	3.326	0.0055	R2	3.082	0.0054
6	100	S1	3.291	0.0056	S2	3.352	0.0057
6	93	T1	3.191	0.0048	T2	3.080	0.0049
6	100	U1	3.296	0.0060	U2	3.734	0.0058
6	96	V1	3.083	0.0046	V2	3.125	0.0048
6	101	W1	3.440	0.0056	W2	3.201	0.0055
6	95	X1	2.978	0.0048	X2	2.902	0.0046
6	95	Y1	3.421	0.0058	Y2	3.166	0.0057
6	96	Z1	3.120	0.0052			
6	99	AA1	3.198	0.0052			
6	102	AB1	3.281	0.0056	AB2	3.200	0.0055
6	105	AC1	3.170	0.0051	AC2	2.862	0.0049
6	98	AD1	3.441	0.0058	AD2	3.574	0.0059
6	93	AE1	2.921	0.0048	AE2	2.721	0.0046
6	96	AF1	3.095	0.0055	AF2	3.288	0.0058
7	103	B1	3.323	0.0050	B2	3.343	0.0052
7	98	C1	3.087	0.0047	C2	2.949	0.0048
7	109	D1	4.080	0.0066	D2	4.098	0.0069
7	108	E1	3.990	0.0071	E2	3.954	0.0070
7	102	F1	3.372	0.0058	F2	3.368	0.0058
7	102	G1	3.523	0.0058	G2	3.378	0.0056
7	103	H1	3.455	0.0066	H2	3.589	0.0066
7	94	I1	3.193	0.0053	I2	3.122	0.0053
7	105	J1	3.727	0.0067	J2	3.747	0.0068
7	104	K1	3.697	0.0060	K2	3.634	0.0060
7	106	L1	3.798	0.0065	L2	3.777	0.0063
7	111	M1	4.150	0.0065	M2	3.849	0.0065
7	102	N1	3.365	0.0059			
7	101	O1	3.565	0.0065	O2	3.608	0.0061
7	101	P1	3.604	0.0060	P2	3.525	0.0057
7	101	Q1	3.413	0.0057	Q2	3.217	0.0058
7	100	R1	3.102	0.0058	R2	3.194	0.0058
7	100	S1	3.404	0.0058	S2	3.471	0.0060
7	102	T1	3.451	0.0056	T2	3.518	0.0059
7	103	U1	3.459	0.0059	U2	3.476	0.0059
7	99	W1	3.206	0.0052	W2	3.214	0.0051
7	102	X1	3.280	0.0066	X2	3.752	0.0066
7	102	Y1	3.011	0.0053	Y2	3.412	0.0058
7	95	Z1	3.168	0.0057	Z2	3.267	0.0059
7	110	AA1	3.567	0.0059			
7	103	AB1	3.519	0.0059	AB2	3.398	0.0059
7	105	AC1	3.465	0.0057	AC2	3.344	0.0057
8	93	A1	3.027	0.0045	A2	3.055	0.0049
8	87	B1	2.528	0.0036			
8	104	C1	3.268	0.0058	C2	3.417	0.0055
8	102	D1	3.278	0.0057	D2	3.331	0.0056
8	97	E1	3.155	0.0051	E2	3.153	0.0051
8	95	F1	3.197	0.0049	F2	3.061	0.0048

8	92	G1	2.952	0.0047	G2	3.227	0.0049
8	101	H1	3.182	0.0053	H2	3.169	0.0052
8	104	I1	3.707	0.0057	I2	3.678	0.0056
8	103	J1	3.365	0.0051	J2	3.299	0.0050
8	98	K1	3.168	0.0051	K2	3.405	0.0054
8	99	L1	3.403	0.0050	L2	3.324	0.0049
8	101	M1	3.359	0.0056	M2	3.391	0.0055
8	98	N1	3.018	0.0050	N2	3.111	0.0051
8	103	O1	3.475	0.0057	O2	3.305	0.0056
8	92	P1	3.051	0.0047	P2	2.847	0.0047
8	98	Q1	3.276	0.0053	Q2	3.043	0.0051
8	95	R1	3.167	0.0050	R2	3.147	0.0051
8	96	S1	3.207	0.0052	S2	3.351	0.0052
8	96	T1	3.164	0.0053			
8	102	U1	3.163	0.0052	U2	3.230	0.0052
8	109	V1	3.760	0.0065	V2	3.438	0.0060
8	108	W1	3.483	0.0058	W2	3.705	0.0059
8	102	X1	3.509	0.0055	X2	3.343	0.0052
8	101	Y1	3.580	0.0057	Y2	3.478	0.0056
8	107	Z1	3.533	0.0056	Z2	3.361	0.0055
8	96	AA1	3.259	0.0052			
8	100	AB1	3.471	0.0056	AB2	3.590	0.0058
8	98	AC1	3.560	0.0054	AC2	3.525	0.0054
8	94	AD1	3.374	0.0050	AD2	3.269	0.0048
8	106	AE1	3.643	0.0056	AE2	3.369	0.0053
8	102	AF1	3.639	0.0050	AF2	3.707	0.0057
8	107	AG1	3.634	0.0055	AG2	3.870	0.0057
8	101	AH1	3.435	0.0053	AH2	3.309	0.0051
9	103	A1	3.635	0.0060	A2	3.699	0.0060
9	90	B1	3.169	0.0050	B2	2.786	0.0050
9	100	C1	3.934	0.0060	C2	3.566	0.0057
9	100	D1	3.528	0.0054			
9	101	E1	3.586	0.0053	E2	3.450	0.0053
9	103	F1	3.688	0.0060	F2	3.731	0.0060
9	101	G1	3.240	0.0051			
9	103	H1	3.698	0.0055	H2	3.470	0.0055
9	104	I1	3.630	0.0058	I2	3.713	0.0058
9	105	J1	3.337	0.0052			
9	100	K1	3.404	0.0047	K2	3.297	0.0046
9	94	L1	3.109	0.0040			
9	101	M1	3.239	0.0045	M2	3.089	0.0044
9	100	N1	3.416	0.0046			
9	100	O1	3.465	0.0048	O2	3.395	0.0049
9	96	P1	3.353	0.0043	P2	3.164	0.0040
9	105	Q1	3.606	0.0045			
9	97	R1	3.322	0.0038	R2	3.423	0.0038
9	90	S1	3.211	0.0038			
9	103	T1	3.790	0.0050	T2	3.590	0.0047
9	94	U1	2.905	0.0032			
9	100	V1	3.625	0.0042	V2	3.407	0.0042
9	101	W1	3.188	0.0037	W2	3.326	0.0038
9	102	X1	3.215	0.0042	X2	3.233	0.0040
9	100	Y1	3.432	0.0045	Y2	3.520	0.0046
9	100	Z1	3.941	0.0052	Z2	3.913	0.0049
9	101	AA1	3.530	0.0045			
9	98	AB1	3.258	0.0037			
9	105	AC1	3.935	0.0052	AC2	3.953	0.0052
9	96	AD1	3.110	0.0036	AD2	3.077	0.0038
9	105	AE1	3.595	0.0045	AE2	3.454	0.0045
9	100	AF1	3.489	0.0043	AF2	3.431	0.0044
9	97	AG1	3.484	0.0044	AG2	3.021	0.0038
9	104	AH1	3.424	0.0046	AH2	3.547	0.0047
9	100	AI1	3.145	0.0038			
9	95	AJ1	3.321	0.0036	AJ2	3.178	0.0034