

APPENDIX I

**IMAGES core MD97-2141:
 $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ data from
*Globigerinoides ruber***

Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
0	4.29	-2.531	1.368	46	6.00	-2.666	1.221
1	4.33	-2.462	0.992	47	6.03	-2.653	0.868
2	4.38	-2.579	1.133	48	6.06	-2.528	1.044
3	4.43	-2.629	1.142	49	6.10	-2.613	1.149
4	4.48	-2.624	0.936	50	6.13	-2.638	1.296
5	4.53	-2.581	0.863	51	6.16	-2.481	1.104
6	4.58	-2.483	0.982	52	6.19	-2.629	1.051
7	4.62	-2.509	0.974	53	6.23	-2.605	1.047
8	4.67	-2.677	0.920	54	6.26	-2.525	1.219
9	4.72	-2.546	1.078	55	6.29	-2.644	1.143
10	4.77	-2.484	1.124	56	6.32	-2.587	0.966
11	4.82	-2.490	0.894	57	6.36	-2.702	1.029
12	4.87	-2.467	0.903	58	6.39	-2.635	0.965
13	4.91	-2.736	0.888	59	6.42	-2.604	0.933
14	4.96	-2.789	0.929	60	6.48	-2.621	1.278
15	4.99	-2.668	1.163	61	6.54	-2.694	0.912
16	5.03	-2.479	0.958	62	6.60	-2.577	1.042
17	5.06	-2.529	1.146	63	6.66	-2.643	1.132
18	5.09	-2.628	1.124	64	6.73	-2.611	1.138
19	5.12	-2.632	1.077	65	6.79	-2.535	1.089
20	5.16	-2.580	1.037	66	6.85	-2.655	1.097
21	5.19	-2.740	1.036	67	6.91	-2.773	1.192
22	5.22	-2.591	0.942	68	6.97	-2.640	1.035
23	5.25	-2.529	0.985	69	7.03	-2.651	0.987
24	5.29	-2.471	0.957	70	7.09	-2.612	1.040
25	5.32	-2.524	0.985	71	7.15	-2.711	1.038
26	5.35	-2.590	0.965	72	7.21	-2.576	0.981
27	5.38	-2.559	0.927	73	7.27	-2.469	1.109
28	5.42	-2.462	0.869	74	7.33	-2.448	1.064
29	5.45	-2.411	1.136	75	7.39	-2.534	1.064
30	5.48	-2.627	1.158	76	7.45	-2.577	1.118
31	5.51	-2.552	1.279	77	7.51	-2.511	1.068
32	5.55	-2.675	0.960	78	7.56	-2.483	0.905
33	5.58	-2.575	0.955	79	7.62	-2.549	1.189
34	5.61	-2.590	1.086	80	7.68	-2.497	1.112
35	5.64	-2.568	1.070	81	7.74	-2.619	0.964
36	5.67	-2.479	0.836	82	7.80	-2.458	0.972
37	5.71	-2.582	0.941	83	7.85	-2.370	0.954
38	5.74	-2.669	1.042	84	7.91	-2.520	0.947
39	5.77	-2.466	0.947	85	7.97	-2.577	1.013
40	5.80	-2.686	1.139	86	8.03	-2.314	0.904
41	5.84	-2.738	1.118	87	8.09	-2.539	0.977
42	5.87	-2.592	1.069	88	8.14	-2.423	0.985
43	5.90	-2.545	1.022	89	8.20	-2.503	0.888
44	5.93	-2.751	0.974	90	8.26	-2.357	0.942
45	5.97	-2.610	1.065	91	8.32	-2.491	0.964

Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
92	8.38	-2.414	0.725	138	10.63	-2.394	0.473
93	8.43	-2.338	0.715	139	10.66	-2.331	0.459
94	8.49	-2.249	0.790	140	10.70	-2.594	0.586
95	8.55	-2.505	1.073	141	10.73	-2.395	0.554
96	8.61	-2.568	0.961	142	10.77	-2.318	0.504
97	8.67	-2.603	0.797	143	10.80	-2.393	0.625
98	8.72	-2.384	0.897	144	10.84	-2.171	0.653
99	8.78	-2.138	0.601	145	10.87	-2.298	0.555
100	8.84	-2.561	0.792	146	10.91	-2.408	0.612
101	8.90	-2.344	0.738	147	10.94	-2.386	0.392
102	8.96	-2.574	0.698	148	10.98	-2.486	0.427
103	9.01	-2.510	0.807	149	11.01	-2.460	0.586
104	9.07	-2.391	0.846	150	11.05	-2.432	0.462
105	9.13	-2.606	0.790	151	11.06	-2.474	0.532
106	9.19	-2.516	0.807	152	11.07	-2.226	0.601
107	9.25	-2.405	0.704	153	11.09	-2.431	0.549
108	9.30	-2.562	0.787	154	11.10	-2.129	0.721
109	9.36	-2.435	0.736	155	11.11	-2.210	0.355
110	9.42	-2.528	0.707	156	11.13	-2.035	0.568
111	9.48	-2.506	0.592	157	11.14	-1.891	0.512
112	9.54	-2.367	0.718	158	11.15	-2.306	0.575
113	9.59	-2.642	0.772	159	11.20	-2.063	0.674
114	9.65	-2.565	0.802	160	11.24	-1.928	0.572
115	9.71	-2.516	0.556	161	11.29	-1.804	0.641
116	9.77	-2.553	0.680	162	11.33	-1.664	0.572
117	9.83	-2.665	0.466	163	11.37	-1.841	0.573
118	9.88	-2.525	0.700	164	11.42	-2.038	0.498
119	9.94	-2.581	0.759	165	11.46	-2.060	0.638
120	10.00	-2.363	0.603	166	11.51	-1.852	0.513
121	10.04	-2.641	0.707	167	11.55	-1.957	0.535
122	10.07	-2.648	0.889	168	11.60	-2.011	0.604
123	10.11	-2.574	0.564	169	11.64	-1.918	0.502
124	10.14	-2.566	0.673	170	11.68	-1.928	0.566
125	10.18	-2.562	0.405	171	11.73	-1.940	0.646
126	10.21	-2.350	0.549	172	11.77	-1.943	0.654
127	10.24	-2.469	0.386	173	11.82	-1.883	0.658
128	10.28	-2.482	0.848	174	11.86	-1.892	0.568
129	10.31	-2.463	0.793	175	11.91	-1.918	0.577
130	10.35	-2.516	0.647	176	11.95	-1.903	0.491
131	10.38	-2.499	0.580	177	12.00	-1.868	0.615
132	10.42	-2.568	0.562	178	12.04	-1.702	0.628
133	10.45	-2.609	0.436	179	12.08	-1.902	0.371
134	10.49	-2.519	0.388	180	12.13	-1.962	0.558
135	10.52	-2.595	0.501	181	12.17	-1.809	0.394
136	10.56	-2.469	0.497	182	12.22	-2.074	0.476
137	10.59	-2.397	0.414	183	12.26	-1.948	0.587

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184	12.31	-1.924	0.447	230	15.12	-1.394	0.626
185	12.35	-1.896	0.396	231	15.21	-1.544	0.573
186	12.39	-1.775	0.665	232	15.31	-1.746	0.639
187	12.44	-1.919	0.584	233	15.40	-1.610	0.514
188	12.48	-2.065	0.399	234	15.49	-1.651	0.364
189	12.53	-2.064	0.545	235	15.59	-1.377	0.348
190	12.57	-1.899	0.370	236	15.68	-1.381	0.574
191	12.62	-2.124	0.583	237	15.77	-1.470	0.492
192	12.66	-1.934	0.573	238	15.86	-1.378	0.510
193	12.70	-1.842	0.491	239	15.96	-1.372	0.482
194	12.75	-2.039	0.599	240	16.05	-1.360	0.520
195	12.79	-1.875	0.503	241	16.14	-1.334	0.511
196	12.84	-1.912	0.547	242	16.24	-1.262	0.496
197	12.88	-2.048	0.438	243	16.33	-1.225	0.695
198	12.93	-2.137	0.603	244	16.42	-1.171	0.509
199	12.97	-1.983	0.735	245	16.45	-1.320	0.619
200	13.01	-2.157	0.440	246	16.48	-1.313	0.575
201	13.06	-2.103	0.546	247	16.52	-1.364	0.641
202	13.10	-2.028	0.516	248	16.55	-1.512	0.489
203	13.15	-2.084	0.663	249	16.58	-1.581	0.780
204	13.19	-2.028	0.739	250	16.61	-1.413	0.557
205	13.24	-2.118	0.657	251	16.64	-1.420	0.574
206	13.31	-2.158	0.577	252	16.67	-1.427	0.742
207	13.41	-2.045	0.483	253	sample mixed with other sample		
208	13.52	-2.048	0.567	254	16.73	-1.470	0.784
209	13.62	-1.869	0.427	255	16.76	-1.565	0.753
210	13.72	-2.117	0.555	256	16.80	-1.590	0.735
211	13.83	-1.877	0.735	257	16.83	-1.581	0.793
212	13.93	-1.715	0.680	258	16.86	-1.447	0.766
213	13.99	-1.818	0.653	259	16.89	-1.365	0.624
214	14.05	-1.766	0.470	260	16.92	-1.484	0.628
215	14.11	-1.961	0.474	261	16.95	-1.319	0.647
216	14.17	-1.910	0.627	262	16.98	-1.520	0.755
217	14.23	-1.923	0.509	263	17.01	-1.400	0.651
218	14.29	-1.824	0.547	264	17.04	-1.493	0.693
219	14.35	-1.842	0.387	265	17.08	-1.343	0.809
220	14.41	-1.683	0.629	266	17.11	-1.488	0.772
221	14.47	-1.829	0.607	267	17.14	-1.401	0.736
222	14.53	-1.842	0.662	268	17.17	-1.347	0.715
223	14.59	-1.576	0.543	269	17.20	-1.264	0.786
224	14.65	-1.507	0.585	270	17.23	-1.458	0.672
225	14.71	-1.438	0.630	271	17.26	-1.363	0.738
226	14.77	-1.595	0.564	272	17.29	-1.376	0.553
227	14.84	-1.276	0.547	273	17.32	-1.406	0.626
228	14.94	-1.457	0.635	274	17.35	-1.480	0.779
229	15.03	-1.568	0.621	275	17.38	-1.507	0.625

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276	17.41	-1.445	0.826	322	19.11	-1.529	0.822
277	17.44	-1.428	0.656	323	19.14	-1.348	0.610
278	17.47	-1.357	0.638	324	19.18	-1.834	0.939
279	17.50	-1.510	0.769	325	19.22	-1.472	0.668
280	17.53	-1.473	0.610	326	19.26	-1.451	0.752
281	17.56	-1.409	0.653	327	19.29	-1.802	0.856
282	17.59	-1.542	0.649	328	19.33	-1.585	0.658
283	17.63	-1.363	0.641	329	19.37	-1.528	0.901
284	17.67	-1.631	0.754	330	19.41	-1.716	0.848
285	17.70	-1.406	0.570	331	19.45	-1.510	0.811
286	17.74	-1.323	0.586	332	19.48	-1.652	0.781
287	17.78	-1.501	0.750	333	19.52	-1.567	0.795
288	17.82	-1.425	0.720	334	19.56	-1.737	0.845
289	17.86	-1.551	0.851	335	19.60	-1.798	0.573
290	17.89	-1.449	0.813	336	19.64	-1.581	0.624
291	17.93	-1.404	0.573	337	19.67	-1.762	0.941
292	17.97	-1.599	0.807	338	19.71	-1.467	0.701
293	18.01	-1.508	0.659	339	19.75	-1.520	0.774
294	18.05	-1.551	0.853	340	19.77	-1.535	0.656
295	18.08	-1.540	0.682	341	19.80	-1.516	0.629
296	18.12	-1.573	0.769	342	19.82	-1.546	0.738
297	18.16	-1.517	0.730	343	19.84	-1.505	0.682
298	18.20	-1.382	0.704	344	19.87	-1.380	0.577
299	18.23	-1.563	0.587	345	19.89	-1.531	0.751
300	18.27	-1.577	0.796	346	19.91	-1.554	0.536
301	18.31	-1.642	0.774	347	19.94	-1.603	0.657
302	18.35	-1.404	0.716	348	19.96	-1.659	0.728
303	18.39	-1.542	0.697	349	19.98	-1.545	0.904
304	18.42	-1.669	0.584	350	20.01	-1.640	0.742
305	18.46	-1.511	0.647	351	20.03	-1.523	0.652
306	18.50	-1.627	0.822	352	20.05	-1.545	0.624
307	18.54	-1.437	0.548	353	20.08	-1.482	0.448
308	18.58	-1.400	0.693	354	20.10	-1.610	0.714
309	18.61	-1.594	0.757	355	20.13	-1.620	0.711
310	18.65	-1.431	0.687	356	20.15	-1.519	0.689
311	18.69	-1.736	0.865	357	20.17	-1.634	0.698
312	18.73	-1.629	0.666	358	20.20	-1.585	0.734
313	18.76	-1.573	0.694	359	20.22	-1.452	0.665
314	18.80	-1.478	0.736	360	20.24	-1.534	0.724
315	18.84	-1.551	0.737	361	20.27	-1.551	0.748
316	18.88	-1.440	0.695	362	20.29	-1.738	0.612
317	18.92	-1.775	0.857	363	20.31	-1.680	0.795
318	18.95	-1.470	0.724	364	20.34	-1.707	0.571
319	18.99	-1.633	0.782	365	20.36	-1.734	0.860
320	19.03	-1.756	0.798	366	20.38	-1.574	0.637
321	19.07	-1.406	0.819	367	20.41	-1.518	0.674

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368	20.43	-1.507	0.759	414	hiatus	-1.733	0.745
369	20.47	-1.619	0.717	415	hiatus	-1.900	0.821
370	sample mixed with other sample			416	hiatus	-1.880	0.879
371	20.56	-1.720	0.725	417	hiatus	-2.017	0.708
372	20.61	-1.510	0.677	418	hiatus	-1.943	0.731
373	20.65	-1.639	0.614	419	hiatus	-1.997	0.779
374	20.70	-1.602	0.697	420	hiatus	-1.940	0.729
375	20.74	-1.396	0.849	421	27.23	-1.776	0.751
376	20.79	-1.387	0.678	422	27.49	-1.873	0.821
377	20.83	-1.719	0.640	423	27.74	-2.181	0.800
378	20.87	-1.568	0.673	424	28.00	-2.111	0.777
379	20.92	-1.458	0.604	425	28.26	-1.861	0.643
380	20.96	-1.672	0.492	426	28.51	-2.106	0.697
381	21.01	-1.485	0.634	427	28.77	-1.724	0.711
382	21.05	-1.699	0.693	428	29.03	-2.002	0.690
383	21.10	-1.617	0.770	429	29.28	-1.959	0.771
384	21.14	-1.557	0.905	430	29.54	-1.878	0.836
385	21.18	-1.562	0.785	431	29.79	-1.916	0.788
386	21.23	-1.643	0.703	432	30.05	-2.037	0.881
387	21.27	-1.632	0.914	433	30.31	-2.052	0.926
388	21.32	-1.578	0.757	434	30.56	-1.983	0.931
389	21.36	-1.513	0.808	435	30.82	-1.780	0.762
390	21.41	-1.677	0.547	436	31.08	-1.775	0.775
391	21.45	-1.765	0.867	437	31.33	-1.919	0.734
392	21.50	-1.725	0.816	438	31.59	-1.829	0.866
393	21.54	-1.931	0.708	439	31.84	-1.969	0.818
394	21.58	-1.730	0.712	440	32.10	-1.941	0.964
395	21.63	-1.580	0.711	441	32.16	-1.881	0.771
396	21.67	-1.740	0.743	442	32.23	-2.036	1.132
397	21.72	-1.542	0.806	443	32.29	-1.699	0.590
398	21.76	-1.570	0.706	444	32.36	-1.875	0.719
399	21.81	-1.672	0.785	445	32.42	-1.885	0.746
400	21.85	-1.643	0.499	446	32.49	-1.920	0.806
401	hiatus	-1.436	0.743	447	32.55	-2.016	0.815
402	hiatus	-1.589	0.840	448	32.62	-2.045	0.936
403	hiatus	-1.597	0.761	449	32.68	-1.906	0.915
404	hiatus	-1.701	0.700	450	32.75	-1.935	0.788
405	hiatus	-1.696	0.759	451	32.81	-2.162	0.724
406	hiatus	-1.398	0.720	452	32.88	-1.884	0.775
407	hiatus	-1.766	0.647	453	32.94	-2.215	0.954
408	hiatus	-1.702	0.628	454	33.01	-2.019	0.796
409	hiatus	-1.675	0.568	455	33.07	-2.134	0.655
410	hiatus	-2.018	0.635	456	33.14	-2.116	0.890
411	hiatus	-1.757	0.946	457	33.20	-2.174	0.758
412	hiatus	-1.910	0.713	458	33.27	-2.084	0.769
413	hiatus	-2.003	0.580	459	33.33	-1.860	0.803

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460	33.40	-1.988	0.938	506	37.24	-2.203	0.766
461	33.46	-2.219	0.613	507	37.30	-2.292	0.785
462	33.53	-2.228	0.867	508	37.31	-2.181	0.758
463	33.59	-2.025	0.702	509	37.33	-1.916	0.700
464	33.66	-2.329	0.858	510	37.35	-1.884	0.680
465	33.72	-2.066	0.645	511	37.36	-2.000	0.791
466	33.79	-2.081	0.878	512	37.38	-2.207	0.779
467	33.85	-1.781	0.703	513	37.40	-2.009	0.794
468	33.92	-2.037	0.904	514	37.41	-1.881	0.763
469	33.98	-2.057	0.890	515	37.43	-2.083	0.996
470	34.05	-1.944	0.934	516	37.45	-1.912	0.841
471	34.11	-2.186	0.856	517	37.46	-1.954	0.861
472	34.18	-2.020	0.792	518	37.48	-1.802	0.788
473	34.24	-2.043	0.681	519	37.50	-1.883	0.850
474	34.31	-1.975	0.841	520	37.51	-1.959	0.767
475	34.37	-2.000	0.809	521	37.53	-1.711	0.854
476	34.44	-1.855	0.721	522	37.55	-1.709	0.884
477	34.50	-1.857	0.779	523	37.56	-1.798	0.654
478	34.57	-2.024	0.651	524	37.58	-1.812	0.961
479	34.63	-2.169	0.833	525	37.60	-1.842	0.587
480	34.70	-1.862	0.764	526	37.61	-1.480	0.703
481	34.76	-1.847	0.793	527	37.63	-1.635	0.851
482	34.83	-1.925	0.702	528	37.65	-1.735	0.785
483	34.89	-1.922	0.803	529	37.66	-1.481	0.853
484	34.96	-2.128	0.882	530	37.68	-1.809	0.864
485	35.02	-2.026	0.902	531	37.69	-1.510	0.764
486	35.09	-1.922	0.873	532	37.71	-1.515	0.856
487	35.15	-2.019	0.848	533	37.73	-1.735	0.922
488	35.26	-2.083	0.718	534	37.74	-1.538	0.672
489	35.37	-2.220	0.787	535	37.76	-1.636	0.754
490	35.48	-1.884	0.870	536	37.78	-1.546	0.785
491	35.59	-2.011	0.749	537	37.79	-1.738	0.798
492	35.70	-2.144	0.610	538	37.81	-1.452	0.691
493	35.81	-2.040	0.607	539	37.83	-1.495	0.593
494	35.92	-2.021	0.894	540	37.84	-1.632	0.842
495	36.03	-1.942	0.800	541	37.86	-1.705	0.647
496	36.14	-2.209	0.739	542	37.88	-1.471	0.830
497	36.25	-2.033	0.748	543	37.89	-1.467	0.761
498	36.36	-1.896	0.834	544	37.98	-1.486	0.776
499	36.47	-2.069	0.471	545	38.07	-1.615	0.956
500	36.58	-1.814	0.673	546	38.16	-1.678	0.821
501	36.69	-1.780	0.534	547	38.25	-1.912	0.927
502	36.80	-2.041	0.683	548	38.34	-1.638	0.877
503	36.91	-1.889	0.738	549	38.43	-1.765	0.633
504	37.02	-2.076	0.842	550	38.52	-1.822	1.065
505	37.13	-2.072	0.789	551	38.61	-1.808	0.714

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552	38.70	-1.986	0.836	598	41.36	-1.675	0.716
553	38.79	-2.146	0.706	599	41.42	-2.259	0.964
554	38.85	-1.908	0.721	600	41.48	-1.947	0.946
555	38.90	-1.887	0.898	601	41.54	-2.075	0.888
556	38.96	-2.017	0.870	602	41.59	-2.146	0.914
557	39.02	-1.842	0.900	603	41.65	-2.024	0.843
558	39.08	-2.062	0.853	604	41.71	-2.001	0.789
559	39.13	-1.978	0.894	605	41.77	-2.028	0.685
560	39.19	-2.086	0.831	606	41.82	-2.229	0.902
561	39.25	-1.826	0.861	607	41.88	-1.916	0.579
562	39.30	-1.960	0.753	608	41.94	-1.895	0.689
563	39.36	-1.896	0.822	609	42.00	-2.035	0.859
564	39.42	-1.922	0.752	610	42.05	-1.940	0.880
565	39.48	-1.897	0.780	611	42.11	-2.060	0.963
566	39.53	-1.863	0.709	612	42.17	-2.077	0.797
567	39.59	-1.864	0.870	613	42.23	-2.166	0.797
568	39.65	-1.924	0.978	614	42.28	-2.301	0.847
569	39.70	-1.981	0.878	615	42.34	-2.061	0.906
570	39.76	-2.197	0.926	616	42.40	-2.079	0.930
571	39.82	-1.900	0.830	617	42.46	-1.855	0.663
572	39.88	-1.898	0.811	618	42.51	-2.055	0.813
573	39.93	-1.983	0.999	619	42.57	-1.980	1.006
574	39.99	-1.755	0.844	620	42.63	-1.990	0.779
575	40.05	-1.945	0.914	621	42.69	-1.793	0.603
576	40.10	-1.979	0.873	622	42.74	-1.932	0.843
577	40.16	-1.957	1.140	623	42.80	-1.903	0.833
578	40.22	-2.100	0.937	624	42.86	-2.025	0.814
579	40.28	-2.150	0.770	625	42.92	-1.995	0.880
580	40.33	-1.986	0.795	626	42.97	-1.886	0.867
581	40.39	-1.878	0.917	627	43.03	-1.791	0.885
582	40.45	-1.986	0.892	628	43.09	-1.727	0.586
583	40.51	-1.814	0.921	629	43.15	-1.757	0.855
584	40.56	-1.939	0.871	630	43.20	-1.812	0.775
585	40.62	-1.924	0.861	631	43.26	-1.991	0.750
586	40.68	-1.900	0.762	632	43.32	-1.801	0.677
587	40.73	-2.085	0.704	633	43.37	-1.938	0.759
588	40.79	-2.033	0.951	634	43.43	-1.888	0.858
589	40.85	-1.899	0.506	635	43.49	-2.025	0.796
590	40.91	-1.871	0.842	636	43.55	-1.940	0.838
591	40.96	-2.029	0.916	637	43.60	-1.990	0.732
592	41.02	-1.899	0.865	638	43.66	-1.864	0.894
593	41.08	-1.818	0.928	639	43.72	-1.947	0.803
594	41.13	-1.715	0.661	640	43.78	-1.933	0.842
595	41.19	-1.883	0.949	641	43.83	-1.937	0.910
596	41.25	-2.038	0.831	642	43.89	-1.995	0.445
597	41.31	-2.034	0.963	643	43.95	-1.945	0.770

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644	44.01	-1.963	0.906	701	46.65	-2.077	0.776
645	44.06	-1.924	0.837	702	46.71	-1.757	0.867
646	44.12	-2.258	0.888	703	46.76	-1.866	0.627
647	44.18	-2.029	0.719	704	46.82	-1.865	0.692
648	44.24	-2.062	0.794	705	46.88	-1.845	0.982
649	44.29	-2.054	0.591	706	46.94	-1.919	0.898
650	44.35	-2.137	0.857	707	46.99	-2.018	0.819
651	44.41	-2.148	0.684	708	47.05	-1.849	0.794
652	44.47	-1.927	0.669	709	47.11	-2.023	0.679
653	44.52	-2.166	0.946	710	47.17	-1.677	0.756
654	44.58	-1.973	0.642	711	47.22	-1.838	0.567
655	44.64	-2.186	0.835	712	47.28	-2.048	0.713
656	44.70	-2.355	0.636	713	47.34	-2.012	0.973
657	44.75	-2.336	0.896	714	47.40	-1.896	0.593
658	44.81	-2.167	0.673	715	47.45	-1.995	0.775
659	44.87	-1.970	0.839	716	47.51	-1.997	0.882
660	44.93	-2.135	0.772	717	47.57	-1.783	0.734
661	44.98	-2.210	0.617	718	47.63	-1.726	0.690
673	45.04	-2.272	0.816	719	47.68	-1.940	1.014
674	45.10	-2.278	0.809	720	47.74	-1.992	0.903
675	45.16	-2.041	0.684	721	47.80	-2.146	0.906
676	45.21	-2.284	0.878	722	47.86	-2.062	0.651
677	45.27	-2.310	0.610	723	47.91	-2.118	0.651
678	45.33	-2.286	0.751	724	47.97	-2.189	0.886
679	45.39	-2.092	0.687	725	48.03	-1.958	0.893
680	45.44	-2.193	0.799	726	48.09	-1.963	0.624
681	45.50	-2.303	0.901	727	48.14	-2.005	0.816
682	45.56	-2.030	0.755	728	48.20	-1.933	0.774
683	45.62	-2.166	0.722	729	48.26	-2.158	0.822
684	45.67	-2.251	0.754	730	48.32	-2.016	0.839
685	45.73	-2.273	0.666	731	48.37	-1.984	0.748
686	45.79	-2.346	0.728	732	48.43	-1.862	0.689
687	45.85	-2.241	0.944	733	48.49	-2.077	0.853
688	45.90	-2.100	0.848	734	48.55	-2.291	0.814
689	45.96	-2.069	0.796	735	48.60	-1.899	0.684
690	46.02	-1.963	0.739	736	48.66	-2.153	0.824
691	46.08	-2.107	0.748	737	48.72	-1.969	0.641
692	46.13	-1.913	0.939	738	48.78	-2.329	0.778
693	46.19	-1.934	0.754	739	48.83	-2.177	0.688
694	46.25	-1.778	0.616	740	48.89	-2.143	0.831
695	46.31	-2.276	0.827	741	48.95	-2.097	0.757
696	46.36	-1.957	0.714	742	49.01	-2.172	0.869
697	46.42	-1.997	0.751	743	49.06	-2.237	0.790
698	46.48	-1.821	0.739	744	49.12	-2.284	0.771
699	46.54	-2.060	0.690	745	49.18	-2.223	0.631
700	46.59	-2.107	0.706	746	49.24	-2.268	0.827

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747	49.29	-2.275	0.827	793	51.94	-2.303	0.652
748	49.35	-2.289	0.834	794	51.99	-2.185	0.490
749	49.41	-2.036	0.773	795	52.05	-1.870	0.572
750	49.47	-2.029	0.765	796	52.11	-2.269	0.583
751	49.52	-2.152	0.682	797	52.17	-2.352	0.652
752	49.58	-2.041	0.743	798	52.22	-2.092	0.612
753	49.64	-2.334	0.566	799	52.28	-2.196	0.613
754	49.70	-2.057	0.808	800	52.34	-2.050	0.566
755	49.75	-2.462	0.715	801	52.40	-1.893	0.440
756	49.81	-2.476	0.800	802	52.45	-2.316	0.437
757	49.87	-2.250	0.714	803	52.51	-2.347	0.638
758	49.93	-2.241	0.718	804	52.57	-2.372	0.578
759	49.98	-2.394	0.708	805	52.63	-1.907	0.478
760	50.04	-2.110	0.696	806	52.68	-1.912	0.378
761	50.10	-2.153	0.729	807	52.74	-2.217	0.547
762	50.15	-2.205	0.766	808	52.80	-2.332	0.314
763	50.21	-2.238	0.677	809	52.86	-1.947	0.440
764	50.27	-2.412	0.718	810	52.91	-1.884	0.423
765	50.33	-2.274	0.830	811	52.97	-1.843	0.501
766	50.38	-2.143	0.700	812	53.03	-1.968	0.464
767	50.44	-2.217	0.690	813	53.09	-1.795	0.343
768	50.50	-2.067	0.649	814	53.14	-1.795	0.389
769	50.56	-2.209	0.858	815	53.20	-1.638	0.194
770	50.61	-2.172	0.481	816	53.26	-1.533	0.439
771	50.67	-2.429	0.533	817	53.32	-2.147	0.482
772	50.73	-2.223	0.697	818	53.37	-1.999	0.565
773	50.79	-2.307	0.832	819	53.43	-1.666	0.339
774	50.84	-2.400	0.868	820	53.49	-1.978	0.312
775	50.90	-2.059	0.822	821	53.55	-1.981	0.463
776	50.96	-2.279	0.764	822	53.60	-1.807	0.592
777	51.02	-2.440	0.766	823	53.66	-1.796	0.381
778	51.07	-2.304	0.800	824	53.72	-1.659	0.306
779	51.13	-2.348	0.755	825	53.77	-1.689	0.478
780	51.19	-2.311	0.575	826	53.83	-1.797	0.195
781	51.25	-2.234	0.704	827	53.89	-1.653	0.371
782	51.30	-2.251	0.743	828	53.95	-1.846	0.299
783	51.36	-2.405	0.578	829	54.00	-1.980	0.553
784	51.42	-1.948	0.584	830	54.06	-1.710	0.406
785	51.48	-2.114	0.702	831	54.12	-1.769	0.290
786	51.53	-2.009	0.560	832	54.18	-1.861	0.446
787	51.59	-2.092	0.415	833	54.23	-1.721	0.321
788	51.65	-2.088	0.815	834	54.29	-1.897	0.524
789	51.71	-2.217	0.686	835	54.35	-1.757	0.367
790	51.76	-2.118	0.560	836	54.41	-1.815	0.431
791	51.82	-2.081	0.561	837	54.46	-1.877	0.530
792	51.88	-2.213	0.419	838	54.52	-1.741	0.482

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839	54.58	-2.229	0.728	885	57.22	-2.179	0.428
840	54.64	-2.131	0.374	886	57.28	-2.042	0.658
841	54.69	-2.185	0.415	887	57.34	-2.080	0.161
842	54.75	-2.541	0.760	888	57.39	-2.143	0.553
843	54.81	-2.402	0.637	889	57.45	-2.160	0.490
844	54.87	-2.389	0.618	890	57.51	-1.991	0.516
845	54.92	-2.182	0.541	891	57.57	-2.244	0.646
846	54.98	-2.437	0.650	892	57.62	-2.456	0.394
847	55.04	-2.400	0.637	893	57.68	-2.409	0.482
848	55.10	-2.550	0.470	894	57.74	-2.221	0.337
849	55.15	-2.472	0.569	895	57.80	-2.215	0.604
850	55.21	-2.201	0.606	896	57.85	-2.028	0.481
851	55.27	-2.402	0.624	897	57.91	-2.195	0.520
852	55.33	-2.298	0.443	898	57.97	-2.381	0.527
853	55.38	-2.242	0.497	899	58.03	-2.306	0.532
854	55.44	-2.455	0.577	900	58.08	-2.227	0.500
855	55.50	-2.551	0.743	901	58.14	-2.468	0.476
856	55.56	-2.273	0.566	902	58.20	-2.209	0.388
857	55.61	-2.337	0.802	903	58.26	-2.277	0.361
858	55.67	-2.295	0.472	904	58.31	-2.205	0.571
859	55.73	-2.082	0.662	905	58.37	-2.315	0.516
860	55.79	-1.941	0.679	906	58.43	-2.402	0.350
861	55.84	-2.432	0.456	907	58.49	-2.165	0.310
862	55.90	-2.251	0.928	908	58.54	-2.099	0.594
863	55.96	-2.167	0.650	909	58.60	-2.223	0.335
864	56.02	-2.392	0.720	910	58.66	-2.253	0.473
865	56.07	-2.159	0.445	911	58.72	-2.367	0.495
866	56.13	-2.141	0.560	912	58.77	-2.313	0.556
867	56.19	-2.202	0.482	913	58.83	-2.054	0.561
868	56.25	-1.973	0.742	914	58.89	-2.249	0.564
869	56.30	-1.959	0.752	915	58.95	-2.201	0.432
870	56.36	-1.980	0.693	916	59.00	-2.028	0.490
871	56.42	-2.257	0.512	917	59.06	-2.129	0.365
872	56.48	-1.982	0.606	918	59.12	-2.104	0.489
873	56.53	-2.179	0.258	919	59.18	-1.816	0.425
874	56.59	-2.179	0.589	920	59.23	-1.922	0.392
875	56.65	-2.112	0.649	921	59.29	-2.291	0.555
876	56.71	-2.031	0.645	922	59.35	-2.113	0.510
877	56.76	-2.044	0.545	923	59.41	-2.011	0.427
878	56.82	-1.913	0.476	924	59.46	-2.268	0.451
879	56.88	-2.008	0.664	925	59.52	-2.347	0.389
880	56.94	-2.032	0.585	926	59.58	-2.439	0.453
881	56.99	-1.868	0.699	927	59.64	-2.184	0.425
882	57.05	-1.955	0.404	928	59.69	-2.061	0.510
883	57.11	-2.055	0.451	929	59.75	-2.225	0.513
884	57.16	-2.151	0.510	930	59.81	-2.053	0.391

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931	59.87	-2.037	0.656	983	67.00	-1.777	0.640
932	59.92	-2.180	0.540	984	67.20	-1.784	0.609
936	60.15	-1.940	0.435	985	67.40	-1.600	0.656
940	60.38	-1.818	0.271	986	67.60	-1.760	0.441
941	60.44	-1.909	0.387	987	67.80	-1.816	0.472
942	60.58	-1.882	0.336	988	68.00	-1.782	0.664
943	60.73	-1.986	0.618	989	68.20	-1.788	0.649
944	60.87	-1.885	0.468	990	68.40	-1.987	0.621
945	61.01	-1.536	0.360	991	68.60	-1.805	0.627
946	61.15	-1.627	0.457	992	68.80	-1.789	0.671
947	61.30	-1.540	0.345	993	69.00	-1.708	0.479
948	61.44	-1.495	0.334	994	69.20	-1.612	0.760
949	61.58	-1.644	0.447	995	69.40	-1.762	0.632
950	61.72	-1.686	0.388	996	69.60	-1.571	0.676
951	61.87	-1.495	0.382	997	69.80	-1.599	0.760
952	62.01	-1.593	0.451	998	70.00	-1.831	0.459
953	62.15	-1.429	0.305	999	70.20	-1.830	0.545
954	62.29	-1.558	0.513	1000	70.40	-1.769	0.685
955	62.44	-1.790	0.087	1001	70.60	-1.757	0.639
956	62.58	-1.758	0.409	1002	70.80	-1.560	0.650
957	62.72	-1.926	0.442	1003	71.00	-1.654	0.631
958	62.86	-1.651	0.363	1004	71.20	-1.469	0.851
959	63.01	-1.850	0.526	1005	71.40	-1.701	0.375
960	63.15	-1.772	0.374	1006	71.60	-2.053	0.643
961	63.29	-1.825	0.558	1007	71.80	-1.776	0.797
962	63.43	-1.659	0.369	1008	72.00	-1.977	0.493
963	63.58	-1.672	0.691	1009	72.20	-1.864	0.691
964	63.72	-1.683	0.355	1010	72.40	-1.851	0.452
965	63.86	-1.754	0.436	1011	72.60	-1.830	0.609
966	64.00	-1.621	0.739	1012	72.80	-1.669	0.801
967	64.15	-1.834	0.545	1013	73.00	-1.942	0.642
968	64.29	-1.535	0.613	1014	73.20	-1.741	0.583
969	64.43	-1.588	0.438	1015	73.40	-1.710	0.446
970	64.57	-1.692	0.516	1016	73.60	-1.815	0.460
971	64.72	-1.604	0.405	1017	73.80	-1.888	0.687
972	64.86	-1.864	0.558	1018	74.00	-1.914	0.741
973	65.00	-1.675	0.518	1019	74.20	-2.194	0.576
974	65.20	-1.738	0.563	1020	74.40	-1.930	0.512
975	65.40	-1.712	0.519	1021	74.60	-1.807	0.648
976	65.60	-1.698	0.314	1022	74.80	-2.147	0.865
977	65.80	-1.520	0.646	1023	75.00	-1.999	1.016
978	66.00	-1.810	0.654	1024	75.20	-2.142	0.651
979	66.20	-1.659	0.388	1025	75.40	-2.273	0.906
980	66.40	-1.818	0.563	1026	75.60	-2.153	0.956
981	66.60	-1.863	0.533	1027	75.80	-2.206	0.790
982	66.80	-1.904	0.641	1028	76.00	-2.192	0.832

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1029	76.20	-1.899	0.661	1075	81.85	-2.019	0.777
1030	76.40	-1.920	0.699	1076	81.95	-1.970	0.630
1031	76.60	-2.220	0.937	1077	82.05	-2.118	0.995
1032	76.80	-2.022	1.156	1078	82.16	-1.838	0.787
1033	77.00	-2.111	1.067	1079	82.26	-2.249	0.885
1034	77.20	-2.052	0.869	1080	82.37	-2.149	0.904
1035	77.40	-2.715	0.841	1081	82.47	-2.318	0.495
1036	77.60	-2.545	0.662	1082	82.57	-1.952	0.795
1037	77.80	-2.338	1.180	1083	82.68	-2.009	0.883
1038	78.00	-2.443	0.775	1084	82.78	-2.113	0.733
1039	78.10	-1.989	0.785	1085	82.89	-2.250	0.781
1040	78.21	-1.990	0.672	1086	82.99	-1.939	0.903
1041	78.31	-1.975	0.814	1087	83.09	-2.116	0.647
1042	78.42	-2.329	0.715	1088	83.20	-1.819	0.670
1043	78.52	-2.165	0.828	1089	83.30	-1.948	0.768
1044	78.62	-2.338	0.850	1090	83.41	-1.792	0.579
1045	78.73	-2.400	0.987	1091	83.51	-1.862	0.802
1046	78.83	-2.087	0.677	1092	83.61	-2.084	0.710
1047	78.94	-2.524	0.798	1093	83.72	-2.193	0.857
1048	79.04	-2.374	0.907	1094	83.82	-2.128	0.724
1049	79.14	-2.254	0.698	1095	83.93	-2.031	0.768
1050	79.25	-2.231	0.813	1096	84.03	-1.954	0.922
1051	79.35	-2.234	0.681	1097	84.13	-2.019	0.798
1052	79.46	-2.268	0.920	1098	84.24	-2.219	0.838
1053	79.56	-2.279	0.762	1099	84.34	-2.132	0.696
1054	79.66	-2.203	1.073	1100	84.45	-2.073	0.705
1055	79.77	-2.107	0.805	1101	84.55	-2.037	0.761
1056	79.87	-2.240	0.953	1102	84.65	-2.043	0.805
1057	79.98	-2.150	0.732	1103	84.76	-2.058	0.829
1058	80.08	-2.171	1.036	1104	84.86	-1.893	0.538
1059	80.18	-2.112	1.036	1105	84.97	-2.078	0.696
1060	80.29	-2.293	0.776	1106	85.07	-1.937	0.641
1061	80.39	-2.010	0.855	1107	85.17	-1.968	0.730
1062	80.50	-2.415	0.869	1108	85.28	-1.927	0.741
1063	80.60	-2.169	0.840	1109	85.38	-2.233	0.836
1064	80.70	-2.377	0.809	1110	85.49	-2.041	0.856
1065	80.81	-2.302	1.011	1111	85.59	-1.882	1.143
1066	80.91	-2.235	0.957	1112	85.69	-2.000	0.738
1067	81.01	-2.326	0.790	1113	85.80	-2.064	0.810
1068	81.12	-2.425	0.855	1114	85.90	-1.953	0.941
1069	81.22	-2.217	0.813	1115	86.00	-1.937	0.428
1070	81.33	-2.123	0.825	1116	86.11	-2.027	0.757
1071	81.43	-2.041	0.644	1117	86.21	-1.959	0.837
1072	81.53	-2.102	0.767	1118	86.32	-1.808	0.885
1073	81.64	-2.118	0.893	1119	86.42	-2.155	0.929
1074	81.74	-2.198	0.608	1120	86.52	-1.878	0.553

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1121	86.63	-2.128	0.737	1167	91.41	-1.914	0.767
1122	86.73	-1.782	0.758	1168	91.51	-2.046	0.714
1123	86.84	-1.996	0.834	1169	91.62	-1.925	0.737
1124	86.94	-1.943	0.717	1170	91.72	-2.150	0.687
1125	87.04	-1.913	0.870	1171	91.83	-2.140	0.921
1126	87.15	-2.015	0.663	1172	91.93	-2.125	0.862
1127	87.25	-1.952	0.895	1173	92.03	-1.734	0.909
1128	87.36	-1.913	0.842	1174	92.14	-1.827	0.878
1129	87.46	-1.970	0.726	1175	92.24	-1.945	0.865
1130	87.56	-2.127	0.858	1176	92.35	-1.918	0.896
1131	87.67	-2.094	0.843	1177	92.45	-2.178	0.814
1132	87.77	-2.064	0.773	1178	92.55	-2.001	0.685
1133	87.88	-2.168	0.927	1179	92.66	-1.876	0.618
1134	87.98	-1.891	0.799	1180	92.76	-2.314	0.809
1135	88.08	-2.134	0.872	1181	92.87	-2.060	0.758
1136	88.19	-1.950	0.814	1182	92.97	-2.131	0.857
1137	88.29	-2.025	0.873	1183	93.07	-2.404	0.903
1138	88.40	-1.980	0.942	1184	93.18	-2.441	0.706
1139	88.50	-2.321	1.000	1185	93.28	-2.134	0.782
1140	88.60	-2.055	0.795	1186	93.39	-2.031	0.716
1141	88.71	-2.130	0.787	1187	93.49	-2.065	0.570
1142	88.81	-2.149	0.899	1188	93.59	-2.512	0.772
1143	88.92	-1.867	0.782	1189	93.70	-2.239	0.679
1144	89.02	-1.834	0.906	1190	93.80	-2.648	0.916
1145	89.12	-1.953	0.742	1191	93.91	-2.443	0.514
1146	89.23	-2.065	0.798	1192	94.01	-2.317	0.853
1147	89.33	-2.112	0.667	1193	94.11	-2.270	0.803
1148	89.44	-2.256	0.634	1194	94.22	-2.262	0.822
1149	89.54	-2.098	0.662	1195	94.32	-2.178	0.811
1150	89.64	-2.119	0.726	1196	94.43	-1.991	0.644
1151	89.75	-1.895	0.711	1197	94.53	-2.027	0.800
1152	89.85	-2.022	0.761	1198	94.63	-1.908	0.809
1153	89.96	-1.872	0.745	1199	94.74	-2.032	0.774
1154	90.06	-1.975	0.819	1200	94.84	-1.619	0.750
1155	90.16	-2.081	0.693	1201	94.95	-1.680	0.549
1156	90.27	-2.360	0.785	1202	95.05	-1.672	0.676
1157	90.37	-1.811	0.596	1203	95.15	-1.637	0.739
1158	90.48	-2.172	0.823	1204	95.26	-1.415	1.016
1159	90.58	-2.442	0.705	1205	95.36	-1.980	0.849
1160	90.68	-2.336	0.735	1206	95.47	-1.346	0.959
1161	90.79	-2.256	0.591	1207	95.57	-1.195	1.204
1162	90.89	-1.969	0.918	1208	95.67	-1.702	0.581
1163	91.00	-2.219	0.889	1209	95.78	-1.917	0.773
1164	91.10	-2.321	0.784	1210	95.88	-2.189	0.987
1165	91.20	-2.038	0.259	1211	95.99	-2.130	0.907
1166	91.31	-2.134	0.950	1212	96.09	-2.178	1.036

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1213	96.19	-2.313	1.291	1287	100.57	-2.369	0.743
1214	96.30	-2.245	1.065	1288	100.65	-2.092	0.799
1215	96.40	-1.854	1.092	1289	100.74	-2.552	0.583
1216	96.50	-2.099	0.824	1290	100.82	-2.278	0.761
1217	96.61	-2.188	0.900	1291	100.90	-2.228	0.862
1218	96.71	-2.318	1.063	1292	100.98	-2.318	0.670
1219	96.82	-1.918	1.070	1293	101.07	-2.043	0.669
1220	96.92	-2.270	1.071	1294	101.15	-2.166	0.812
1221	97.02	-2.380	1.080	1295	101.23	-2.136	0.708
1222	97.13	-2.259	0.865	1296	101.31	-2.257	0.908
1223	97.23	-2.004	1.030	1297	101.40	-2.419	0.718
1224	97.34	-2.104	1.013	1298	101.48	-2.375	1.033
1225	97.44	-2.188	0.896	1299	101.56	-2.063	0.953
1254	97.54	-2.245	1.048	1300	101.64	-1.910	0.949
1255	97.65	-1.785	1.016	1301	101.73	-2.012	0.878
1256	97.75	-1.893	0.676	1302	101.81	-2.176	1.094
1257	97.86	-1.895	0.755	1303	101.89	-2.494	1.122
1258	97.96	-2.041	0.832	1304	101.97	-1.801	1.014
1259	98.06	-1.884	0.767	1305	102.06	-2.128	0.951
1260	98.17	-2.178	0.946	1306	102.14	-2.035	0.838
1261	98.27	-2.240	0.763	1307	102.22	-2.225	0.952
1262	98.38	-2.006	1.021	1308	102.30	-2.113	0.840
1263	98.48	-2.059	0.757	1309	102.39	-2.248	0.970
1264	98.58	-2.242	0.988	1310	102.47	-2.326	0.953
1265	98.69	-2.198	0.866	1311	102.55	-2.074	0.954
1266	98.79	-2.310	0.989	1312	102.64	-1.970	1.069
1267	98.90	-2.456	1.045	1313	102.72	-2.179	1.157
1268	99.00	-2.341	0.992	1314	102.80	-2.191	1.079
1269	99.08	-2.448	1.078	1315	102.88	-2.032	0.968
1270	99.17	-2.433	0.830	1316	102.97	-1.843	0.854
1271	99.25	-2.435	1.110	1317	103.05	-1.895	0.803
1272	99.33	-2.661	0.923	1318	103.13	-1.598	0.954
1273	99.41	-2.646	1.070	1319	103.21	-1.979	0.984
1274	99.50	-2.254	0.782	1320	103.30	-1.853	0.850
1275	99.58	-2.297	0.878	1321	103.38	-1.960	1.085
1276	99.66	-2.331	0.983	1322	103.46	-1.924	0.972
1277	99.74	-2.280	0.868	1323	103.54	-2.157	0.895
1278	99.83	-2.576	0.871	1324	103.63	-2.156	1.031
1279	99.91	-2.343	1.010	1325	103.71	-2.326	1.347
1280	99.99	-2.326	0.829	1326	103.79	-1.878	0.916
1281	100.07	-2.488	0.700	1327	103.87	-2.101	0.721
1282	100.16	-2.370	0.761	1328	103.96	-2.186	1.005
1283	100.24	-2.495	0.958	1329	104.04	-1.986	0.966
1284	100.32	-2.352	0.623	1330	104.12	-2.173	0.975
1285	100.40	-2.357	0.510	1331	104.21	-1.929	0.937
1286	100.49	-2.241	0.998	1332	104.29	-2.056	1.059

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1333	104.37	-2.063	0.822	1379	108.17	-2.243	0.608
1334	104.45	-1.986	0.997	1380	108.25	-2.349	1.023
1335	104.54	-2.038	0.752	1393	108.34	-2.115	0.744
1336	104.62	-2.068	0.975	1394	108.42	-2.143	0.735
1337	104.70	-1.940	1.077	1395	108.50	-2.392	0.933
1338	104.78	-2.229	1.078	1396	108.58	-2.353	0.746
1339	104.87	-2.331	0.905	1397	108.67	-2.188	0.847
1340	104.95	-2.152	0.834	1398	108.75	-1.928	0.863
1341	105.03	-2.248	0.998	1399	108.83	-2.352	0.995
1342	105.11	-2.299	1.015	1400	108.91	-2.392	0.710
1343	105.20	-2.396	0.845	1401	109.00	-2.448	0.816
1344	105.28	-2.045	0.725	1402	109.08	-2.160	0.992
1345	105.36	-2.402	1.084	1403	109.16	-2.124	0.849
1346	105.44	-2.429	0.931	1404	109.25	-2.340	0.672
1347	105.53	-2.503	0.955	1405	109.33	-2.258	0.985
1348	105.61	-2.525	1.107	1406	109.41	-2.280	0.823
1349	105.69	-2.108	0.885	1407	109.49	-2.336	0.805
1350	105.77	-2.263	0.807	1408	109.58	-2.165	0.886
1351	105.86	-1.936	1.013	1409	109.66	-2.266	1.083
1352	105.94	-2.376	0.946	1410	109.74	-2.340	0.805
1353	106.02	-2.290	0.865	1411	109.82	-2.329	0.725
1354	106.11	-2.184	1.011	1412	109.91	-2.195	0.839
1355	106.19	-2.071	0.776	1413	109.99	-2.298	0.793
1356	106.27	-2.022	0.644	1414	110.07	-2.264	0.960
1357	106.35	-2.055	0.622	1415	110.15	-2.075	0.866
1358	106.44	-1.974	0.783	1416	110.24	-2.335	0.886
1359	106.52	-2.242	0.856	1417	110.32	-2.122	1.143
1360	106.60	-2.227	0.845	1418	110.40	-2.329	0.992
1361	106.68	-2.014	0.767	1419	110.48	-2.161	1.040
1362	106.77	-2.088	0.648	1420	110.57	-1.964	0.919
1363	106.85	-1.931	0.858	1421	110.65	-2.060	0.885
1364	106.93	-2.205	0.733	1422	110.73	-2.149	0.951
1365	107.01	-1.980	1.026	1423	110.81	-2.212	0.997
1366	107.10	-2.164	0.697	1424	110.90	-2.190	1.208
1367	107.18	-2.200	0.777	1425	110.98	-2.240	0.787
1368	107.26	-2.173	0.860	1426	111.06	-2.322	0.849
1369	107.34	-2.254	0.865	1427	111.15	-2.229	0.823
1370	107.43	-2.325	0.783	1428	111.23	-2.117	0.818
1371	107.51	-1.963	0.732	1429	111.31	-1.945	0.820
1372	107.59	-2.095	0.878	1430	111.39	-2.287	0.632
1373	107.68	-2.177	0.792	1431	111.48	-1.972	0.821
1374	107.76	-2.253	0.950	1432	111.56	-2.387	0.638
1375	107.84	-2.215	0.900	1433	111.64	-2.315	0.739
1376	107.92	-2.345	0.863	1434	111.72	-2.184	0.661
1377	108.01	-2.122	0.763	1435	111.81	-1.950	0.670
1378	108.09	-2.254	0.999	1436	111.89	-2.108	0.925

Depth (cm)	Age [§] (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age [§] (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
1437	111.97	-2.244	0.859	1483	115.77	-2.474	1.031
1438	112.05	-2.191	0.611	1484	115.85	-2.377	0.845
1439	112.14	-2.222	0.572	1485	115.94	-2.647	1.129
1440	112.22	-2.159	0.684	1486	116.02	-2.383	0.712
1441	112.30	-2.543	0.724	1487	116.10	-2.323	0.705
1442	112.38	-2.226	0.708	1488	116.19	-2.382	0.750
1443	112.47	-2.300	0.904	1489	116.27	-2.054	0.669
1444	112.55	-2.583	0.742	1490	116.35	-2.185	0.889
1445	112.63	-2.286	0.814	1491	116.43	-2.242	0.676
1446	112.72	-2.295	0.854	1492	116.52	-1.844	0.801
1447	112.80	-2.253	0.849	1493	116.60	-1.996	0.596
1448	112.88	-2.367	0.838	1494	116.68	-2.073	0.788
1449	112.96	-2.030	0.650	1495	116.76	-2.755	0.667
1450	113.05	-1.776	0.763	1498	117.01	-1.880	0.659
1451	113.13	-2.200	1.034	1499	117.09	-2.027	0.793
1452	113.21	-2.379	0.728	1500	117.18	-2.246	0.655
1453	113.29	-2.198	0.731	1501	117.26	-2.370	0.771
1454	113.38	-2.108	0.897	1502	117.34	-2.414	0.700
1455	113.46	-2.061	0.795	1503	117.42	-2.032	0.780
1456	113.54	-2.160	0.845	1504	117.51	-2.260	0.519
1457	113.62	-2.227	0.952	1505	117.59	-2.476	1.030
1458	113.71	-2.128	0.874	1506	117.67	-2.531	0.820
1459	113.79	-2.205	0.819	1507	117.75	-2.383	0.652
1460	113.87	-1.914	0.818	1508	117.84	-2.357	0.795
1461	113.95	-2.051	0.825	1510	118.00	-2.170	0.554
1462	114.04	-1.775	0.775	1511	118.09	-2.370	0.635
1463	114.12	-2.083	0.564	1516	118.50	-2.818	0.699
1464	114.20	-1.906	0.852	1519	118.75	-2.575	0.836
1465	114.28	-2.237	1.018	1520	118.83	-2.283	0.935
1466	114.37	-2.052	0.845	1521	118.91	-1.886	0.661
1467	114.45	-2.010	0.765	1522	118.99	-2.526	0.682
1468	114.53	-2.338	0.902	1523	119.08	-2.380	0.903
1469	114.62	-2.225	0.752	1524	119.16	-2.327	0.738
1470	114.70	-2.142	0.800	1525	119.24	-2.666	0.831
1471	114.78	-2.146	0.884	1526	119.32	-2.040	0.720
1472	114.86	-2.054	0.820	1527	119.41	-1.966	0.612
1473	114.95	-2.041	0.960	1528	119.49	-2.163	0.972
1474	115.03	-2.133	0.684	1529	--	not enough <i>G. ruber</i>	
1475	115.11	-1.894	0.750	1530	119.66	-2.215	0.870
1476	115.19	-1.972	0.778	1531	119.74	-2.042	0.710
1477	115.28	-1.938	0.663	1532	119.82	-2.157	0.818
1478	115.36	-2.435	0.726	1533	119.90	-2.560	0.724
1479	115.44	-2.045	0.684	1534	119.99	-2.273	0.675
1480	115.52	-2.310	0.756	1535	--	not enough <i>G. ruber</i>	
1481	115.61	-2.077	0.559	1536	--	-1.579	0.861
1482	115.69	-1.897	1.014	1537	120.23	-2.181	0.539

Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
1538	120.32	-1.965	0.473	1584	124.12	-2.765	0.785
1539	120.40	-2.127	0.684	1585	124.20	-3.019	0.877
1540	120.48	-2.475	0.635	1586	124.28	-2.865	0.707
1541	120.56	-2.169	0.696	1587	124.36	-2.646	0.579
1542	120.65	-2.439	0.840	1588	124.45	-2.650	0.691
1543	120.73	-2.553	0.730	1589	124.53	-2.416	0.676
1544	120.81	-2.459	0.969	1590	124.61	-2.734	0.693
1545	120.89	-2.469	0.628	1591	124.70	-2.734	0.690
1546	120.98	-2.311	0.790	1592	124.78	-2.695	0.828
1547	121.06	-2.304	0.698	1593	124.86	-2.916	0.783
1548	121.14	-2.294	0.991	1594	124.94	-2.678	0.773
1549	121.23	-2.168	1.094	1595	125.03	-2.789	0.548
1550	121.31	-2.605	0.842	1596	125.11	-2.776	0.689
1551	121.39	-2.234	0.761	1597	125.19	-2.773	0.561
1552	121.47	-2.361	1.020	1598	125.27	-2.785	0.620
1553	121.56	-2.667	0.891	1599	125.36	-2.807	0.487
1554	121.64	-2.741	0.728	1600	125.44	-2.630	0.545
1555	121.72	-2.794	0.869	1601	125.52	-2.782	0.662
1556	121.80	-2.721	0.802	1602	125.60	-2.386	0.422
1557	121.89	-2.660	0.991	1603	125.69	-2.647	0.586
1558	121.97	-2.654	0.999	1604	125.77	-2.663	0.724
1559	122.05	-2.819	0.888	1605	125.85	-2.587	0.725
1560	122.13	-2.622	0.837	1606	125.93	-2.607	0.608
1561	122.22	-2.641	0.865	1607	126.02	-2.480	0.140
1562	122.30	-2.596	1.022	1608	126.10	-2.467	0.426
1563	122.38	-2.637	0.698	1609	126.18	-2.436	0.479
1564	122.46	-2.743	0.983	1610	126.26	-2.586	0.432
1565	122.55	-2.740	0.925	1611	126.35	-2.480	0.513
1566	122.63	-2.698	0.937	1612	126.43	-2.319	0.495
1567	122.71	-2.727	0.765	1613	126.51	-2.123	0.423
1568	122.79	-2.735	0.888	1614	126.60	-2.252	0.252
1569	122.88	-2.754	0.876	1615	126.68	-2.129	0.478
1570	122.96	-2.696	0.597	1616	126.76	-2.276	0.335
1571	123.04	-2.704	0.985	1617	126.84	-2.182	0.400
1572	123.13	-2.679	0.919	1618	126.93	-2.203	0.461
1573	123.21	-2.752	1.004	1619	127.01	-2.204	0.298
1574	123.29	-2.700	0.883	1620	127.09	-2.227	0.334
1575	123.37	-2.546	0.984	1621	127.17	-2.204	0.248
1576	123.46	-2.789	0.944	1622	127.26	-2.129	0.294
1577	123.54	-2.625	1.037	1623	127.34	-2.127	0.245
1578	123.62	-2.665	0.556	1624	127.42	-2.298	0.094
1579	123.70	-2.716	0.621	1625	127.50	-2.338	0.554
1580	123.79	-2.633	0.582	1626	127.59	-2.474	0.115
1581	123.87	-2.517	0.780	1627	127.67	-2.341	0.224
1582	123.95	-2.729	0.772	1628	127.75	-2.373	0.368
1583	124.03	-2.752	0.752	1629	127.83	-2.269	0.265

Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age ^s (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
1630	127.92	-2.425	0.407	1677	133.04	-1.579	0.296
1631	128.00	-2.370	0.354	1678	133.15	-1.417	0.150
1632	128.11	-2.292	0.278	1679	133.26	-1.537	0.496
1633	128.22	-2.315	0.290	1680	133.37	-1.538	0.385
1634	128.33	-2.415	0.280	1681	133.48	-1.401	0.243
1635	128.44	-2.663	0.513	1682	133.59	-1.532	0.447
1636	128.55	-2.459	0.536	1683	133.70	-1.519	0.390
1637	128.66	-2.338	0.319	1684	133.81	-1.367	0.264
1638	128.77	-2.167	0.304	1685	133.92	-1.637	0.478
1639	128.88	-2.101	0.352	1686	134.03	-1.622	0.403
1640	128.99	-1.812	0.222	1687	134.14	-1.627	0.511
1642	129.21	-1.646	0.080	1688	134.25	-1.562	0.309
1643	129.32	-1.541	0.330	1689	134.36	-1.420	0.366
1644	129.42	-1.546	0.300	1690	134.47	-1.321	0.332
1645	129.53	-1.637	0.199	1691	134.58	-1.471	0.077
1646	129.64	-1.996	0.547	1692	134.68	-1.457	0.280
1647	129.75	-1.572	0.282	1693	134.79	-1.491	0.299
1648	129.86	-1.661	0.334	1694	134.90	-1.628	0.504
1649	129.97	-1.709	0.357	1695	135.01	-1.507	0.166
1650	130.08	-1.747	0.300	1696	135.12	-1.670	0.350
1651	130.19	-1.705	0.191	1697	135.23	-1.376	0.149
1652	130.30	-1.700	0.327	1698	135.34	-1.460	0.384
1653	130.41	-1.483	0.421	1699	135.45	-1.462	0.365
1654	130.52	-1.551	0.359	1700	135.56	-1.627	0.543
1655	130.63	-1.569	0.160	1701	135.67	-1.470	0.129
1656	130.74	-1.587	0.190	1702	135.78	-1.379	0.581
1657	130.85	-1.662	0.186	1703	135.89	-1.764	0.301
1658	130.96	-1.586	0.171	1704	136.00	-1.577	0.380
1659	131.07	-1.297	0.093	1705	136.11	-1.466	0.464
1660	131.18	-1.532	0.236	1706	136.22	-1.654	0.484
1661	131.29	-1.308	0.413	1707	136.33	-1.311	0.269
1662	131.40	-1.629	0.016	1708	136.44	-1.321	0.251
1663	131.51	-1.412	0.236	1709	136.55	-1.677	0.357
1664	131.62	-1.623	0.234	1710	136.66	-1.512	0.406
1665	131.73	-1.745	0.373	1711	136.77	-1.653	0.527
1666	131.84	-1.629	0.453	1712	136.88	-1.688	0.428
1667	131.95	-1.573	0.251	1713	136.99	-1.547	0.526
1668	132.05	-1.584	0.327	1714	137.10	-1.732	0.478
1669	132.16	-1.590	0.588	1715	137.21	-1.557	0.514
1670	132.27	-1.505	0.167	1716	137.32	-1.745	0.378
1671	132.38	-1.678	0.411	1717	137.42	-1.954	0.490
1672	132.49	-1.528	0.433	1718	137.53	-1.930	0.447
1673	132.60	-1.650	0.125	1719	137.64	-1.731	0.526
1674	132.71	-1.403	0.277	1720	137.75	-1.647	0.412
1675	132.82	-1.464	0.295	1721	137.86	-1.721	0.446
1676	132.93	-1.654	0.292	1722	137.97	-1.537	0.354

Depth (cm)	Age [§] (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)	Depth (cm)	Age [§] (kyr)	$\delta^{18}\text{O}$ (<i>G.rub</i>) [‡] (‰)	$\delta^{13}\text{C}$ (<i>G.rub</i>) [‡] (‰)
1723	138.08	-1.739	0.361	1768	143.01	-1.861	0.605
1724	138.19	-1.722	0.267	1769	143.12	-1.697	0.456
1725	138.30	-1.686	0.362	1770	143.23	-1.614	0.369
1726	138.41	-1.634	0.331	1771	143.34	-1.381	0.365
1727	138.52	-1.792	0.403	1772	143.45	-1.575	0.400
1728	138.63	-1.520	0.463	1773	143.56	-1.641	0.455
1729	138.74	-1.767	0.466	1774	143.67	-1.683	0.371
1730	138.85	-1.630	0.411	1775	143.78	-1.492	0.440
1731	138.96	-1.440	0.273	1776	143.89	-1.608	0.536
1732	139.07	-1.459	0.345	1777	144.00	-1.761	0.559
1733	139.18	-1.312	0.277	1778	144.11	-1.753	0.486
1734	139.29	-1.584	0.397	1779	144.21	-1.841	0.705
1735	139.40	-1.661	0.439	1780	144.32	-1.660	0.338
1736	139.51	-1.490	0.360	1781	144.42	-1.427	0.555
1737	139.62	-1.670	0.206	1782	144.53	-1.681	0.579
1738	139.73	-1.525	0.238	1783	144.64	-1.757	0.368
1739	139.84	-1.445	0.222	1784	144.74	-1.245	0.482
1740	139.95	-1.273	0.286	1785	144.85	-1.680	0.407
1741	140.05	-1.251	0.115	1786	144.95	-1.824	0.802
1742	140.16	-1.426	0.438	1787	145.06	-1.650	0.438
1743	140.27	-1.397	0.353	1788	145.17	-1.809	0.529
1744	140.38	-1.156	0.454	1789	145.27	-1.741	0.427
1745	140.49	-1.461	0.387	1790	145.38	-1.962	0.493
1746	140.60	-1.534	0.674	1791	145.48	-2.062	0.560
1747	140.71	-1.706	0.459	1792	145.59	-1.510	0.292
1748	140.82	-1.558	0.486	1793	145.70	-1.599	0.379
1749	140.93	-1.619	0.483	1794	145.80	-1.413	0.409
1750	141.04	-1.714	0.440	1795	145.91	-1.585	0.778
1751	141.15	-1.672	0.456	1796	146.01	-1.637	0.386
1752	141.26	-1.520	0.425	1797	146.12	-1.685	0.429
1753	141.37	-1.235	0.549	1798	146.23	-1.892	0.390
1754	141.48	-1.517	0.363	1799	146.33	-1.743	0.413
1755	141.59	-1.387	0.378	1800	146.44	-1.784	0.147
1756	141.70	-1.514	0.609				
1757	141.81	-1.165	0.631				
1758	141.92	-1.311	0.531				
1759	142.03	-1.090	0.437				
1760	142.14	-1.293	0.457				
1761	142.25	-1.285	0.438				
1762	142.36	-1.095	0.280				
1763	142.47	-1.276	0.489				
1764	142.58	-1.267	0.445				
1765	142.68	-1.469	0.279				
1766	142.79	-1.328	0.317				
1767	142.90	-1.611	0.394				

Note:
[§] see Table 1 for age model
[‡]*G. rub* = *Globigerinoides ruber*
(215-250 μm)
samples 662-672, 1226-1253,
1381-1392 are voids
in original core
samples: 370, 933-935,
937-939, 1509,
and 1641 are lost in mail