TABLE DR1. SR ISOTOPIC AGES FROM THREE SITES OF IODP EXPEDITION 307

Site	Hole	Core	Sect	Int (cm)	mbsf (m)	Material	87Sr/86Sr	2SE*	MA† (Ma)	YA§ (Ma)	OA# (Ma)
1316	A	2	4	40	31.20	*L. pertusa*	0.7091669	0.0000062	0.429	0.262	0.682
1316	A	10	2	32	77.62	bivalve	0.7086919	0.0000060	16.578	16.358	16.798
1316	C	2	1	15	49.35	*L. pertusa*	0.7090768	0.0000074	2.482	2.151	3.077
1317	D	3	3	28	130.38	*L. pertusa*	0.7090778	0.0000106	2.446	2.011	3.377
1317	E	1	3	47	3.47	*L. pertusa*	0.7091643	0.0000076	0.571	0.295	0.770
1317	E	2	2	136	9.56	*L. pertusa*	0.7091612	0.0000058	0.631	0.441	0.801
1317	E	2	4	77	11.97	*L. pertusa*	0.7091600	0.0000054	0.654	0.482	0.820
1317	E	2	6	137	15.57	*L. pertusa*	0.7091515	0.0000066	0.839	0.651	1.040
1317	E	3	3	77	19.97	*L. pertusa*	0.7091534	0.0000074	0.795	0.599	1.020
1317	E	3	4	77	21.47	*L. pertusa*	0.7091432	0.0000070	1.025	0.817	1.173
1317	E	3	6	17	23.87	*L. pertusa*	0.7091024	0.0000066	1.670	1.485	1.943
1317	E	3	6	107	24.77	*L. pertusa*	0.7091036	0.0000062	1.644	1.470	1.883
1317	E	4	5	17	31.87	*L. pertusa*	0.7091023	0.0000058	1.672	1.502	1.916
1317	E	5	6	47	43.17	*L. pertusa*	0.7091027	0.0000074	1.663	1.464	1.962
1317	E	7	4	8	58.78	*L. pertusa*	0.7090844	0.0000066	2.236	1.916	2.541
1317	E	7	6	38	62.08	*L. pertusa*	0.7090885	0.0000078	2.108	1.771	2.435
1317	E	8	4	36	68.56	*L. pertusa*	0.7090916	0.0000064	1.997	1.702	2.293
1317	E	9	6	126	81.96	*L. pertusa*	0.7090924	0.0000066	1.966	1.680	2.276
1317	E	11	4	66	97.39	*L. pertusa*	0.7090880	0.0000072	2.125	1.774	2.432
1317	E	11	4	126	97.99	*L. pertusa*	0.7090815	0.0000064	2.324	2.029	2.649
1317	E	11	6	66	100.39	*L. pertusa*	0.7090872	0.0000078	2.053	1.779	2.481
1317	E	12	4	36	106.56	*L. pertusa*	0.7090866	0.0000062	2.074	1.850	2.445
1317	E	12	4	96	107.16	*L. pertusa*	0.7090858	0.0000056	2.195	1.901	2.452
1317	E	12	4	126	107.46	*L. pertusa*	0.7090872	0.0000064	2.053	1.822	2.432
1317	E	13	4	38	116.08	*L. pertusa*	0.7090784	0.0000076	2.424	2.093	2.938
1317	E	15	2	128	132.98	*L. pertusa*	0.7090820	0.0000076	2.308	1.938	2.683
1317	E	16	2	98	142.18	*L. pertusa*	0.7090816	0.0000060	2.320	2.040	2.626
1317	E	16	4	128	145.48	*L. pertusa*	0.7090710	0.0000062	2.736	2.375	3.637
1317	E	16	6	98	148.18	*L. pertusa*	0.7090818	0.0000074	2.314	1.982	2.683
1317	E	16	7	8	148.78	*L. pertusa*	0.7090773	0.0000070	2.464	2.148	2.986
1317	E	17	2	47	151.17	*L. pertusa*	0.7090774	0.0000074	2.460	2.132	3.016
1317	E	17	3	47	152.67	*L. pertusa*	0.7090718	0.0000068	2.696	2.329	3.614
1318	A	10	2	3	86.73	bivalve	0.7089239	0.0000076	8.960	8.106	9.520
1318	A	10	3	35	88.55	bivalve	0.7088707	0.0000088	10.688	10.147	11.246
1318	A	12	1	65	104.85	bivalve	0.7088517	0.0000100	11.154	10.778	12.354
1318	B	11	4	37	95.37	bivalve	0.7088675	0.0000120	10.794	10.147	11.604
1318	C	3	1	140	80.90	bivalve	0.7091289	0.0000062	1.237	1.111	1.357
1318	C	3	5	75	86.25	bivalve	0.7088979	0.0000058	9.848	9.478	10.216
1318	C	4	3	56	92.56	bivalve	0.7088660	0.0000076	10.849	10.361	11.405
1318	C	9	4	103	140.83	bivalve	0.7088140	0.0000068	13.381	12.740	14.624

*2SE: standard error of the mean ($2s_m$)

†MA (mean age): Age from the mean isotopic value on the mean age curve

§YA (younger age): Age from the isotopic value + 2SE on the upper limit age curve

#OA (older age): Age from the isotopic value - 2SE on the lower limit age curve