

Label	Region	Sub-region	Location	Sample type	Fraction measured	Grain-size	Time interval	[Nd] ppm	143Nd/144Nd	eNd(0)	Longitude	Latitude	Water depth	Reference	Source
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	28.77	0.512	-12.27	136.55	-36.73	2420	Gingele et al. (2007)	Du/External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	21.11	0.512	-12.43	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	20.44	0.512	-12.39	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
GeoB1381-7-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5122	-8.58	-53.08	-34.46	387	Lantzsch et al. (2014)	Du/External contribution
MGL1208-17PC	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-3.88	-161.63	0.48	2926	Reimi et al. (2016)	Du/External contribution
PS1768-8	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5125	-3.14	4.50	-53.60	3299	Huang et al. (2020)	Du/External contribution
PS1768-8	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-4.21	4.50	-53.60	3299	Huang et al. (2020)	Du/External contribution
GeoB1380-2-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5126	-0.49	-53.35	-36.09	349	Lantzsch et al. (2014)	Du/External contribution
GeoB1381-7-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-10.32	-53.08	-34.46	387	Lantzsch et al. (2014)	Du/External contribution
GeoB1383-5-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5126	-0.56	-53.09	-35.72	441	Lantzsch et al. (2014)	Du/External contribution
GeoB1383-5-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5126	-0.41	-53.09	-35.72	441	Lantzsch et al. (2014)	Du/External contribution
GeoB1383-6-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5126	-1.37	-53.06	-35.75	440	Lantzsch et al. (2014)	Du/External contribution
GeoB1383-8-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-10.23	-53.00	-35.81	438	Lantzsch et al. (2014)	Du/External contribution
GeoB1383-9-1	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5126	-0.94	-53.27	-35.51	442	Lantzsch et al. (2014)	Du/External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	28.2	0.512	-11.82	136.55	-36.73	2420	Gingele et al. (2007)	Du/External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	22.88	0.512	-12.19	136.55	-36.73	2420	Gingele et al. (2007)	Du/External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	20.73	0.512	-11.84	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	19.72	0.512	-12.82	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	18.87	0.5121	-10.28	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	P	32.53	0.512	-11.28	136.55	-36.73	2420	Gingele et al. (2007)	Du/External contribution

MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	P	32.81	0.512	-11.57	136.55	-36.73	2420	Gingele et al. (2007)	Du/External contribution
GeoB1381-4-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5123	-6.58	-53.47	-34.78	430	Lantzsche et al. (2014)	Du/External contribution
GeoB1383-9-1	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-2.55	-53.27	-35.51	442	Lantzsche et al. (2014)	Du/External contribution
NBP1103	Southern Ocean	NA	Burdwood Bank	marine sediment	detrital residue	NA	P	15.82	0.5124	-5.02	-62.23	-54.49	333	Struve et al. (2017)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	P	NA	#####	3.57	123.49	14.81	732	Xu et al. (2018)	Du/External contribution
12I712	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-15.64	82.50	4.01	4181	Liu et al. (2019)	External contribution
MD03-2611	Southern Ocean	Australian sector	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	20.07	0.5121	-9.89	136.55	-36.73	2420	Gingele et al. (2007)	External contribution
PS1768-8	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.03	4.50	-53.60	3299	Huang et al. (2020)	Du/External contribution
GeoB1383-4-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5124	-5.45	-53.70	-35.05	427	Lantzsche et al. (2014)	Du/External contribution
GeoB1383-8-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5126	-0.49	-53.00	-35.81	438	Lantzsche et al. (2014)	Du/External contribution
DSDP 18-178	Pacific Ocean	NE Pacific	NA	marine sediment	bulk	NA	MIS1	28.1	0.513	6.60	NA	56.96	4218	Vervoort et al. (2011)	Du/External contribution
MD02-2594	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5121	-10.15	17.33	-34.72	2440	Wei et al. (2016)	Tachikawa/External contribution
MD02-2594	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.04	17.33	-34.72	2440	Wei et al. (2016)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	3.12	123.49	14.81	732	Xu et al. (2018)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	3.20	123.49	14.81	732	Xu et al. (2018)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	2.79	123.49	14.81	732	Xu et al. (2018)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	2.81	123.49	14.81	732	Xu et al. (2018)	External contribution
MD06_305-2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	1.11	123.49	14.81	732	Xu et al. (2018)	External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-13.43	13.97	75.00	1768	Struve et al. (2019)	External contribution
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.7	0.5117	-17.90	-48.37	58.21	3460	Colville et al. (2011)	Literature search
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-7.90	-50.24	-32.51	657	Lantzsche et al. (2014)	Du/External contribution

GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5121	-9.85	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-10.10	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
NBP0805	Southern Ocean	NA	Near Sars	marine sediment	detrital residue	NA	P	11.6	0.5125	-2.92	-66.00	-59.82	4395	Struve et al. (2017)	External contribution
NBP0805	Southern Ocean	NA	SFZ	marine sediment	detrital residue	NA	P	21.23	0.5123	-6.52	-56.47	-60.64	2392	Struve et al. (2017)	External contribution
NBP1103	Southern Ocean	NA	WAP	marine sediment	detrital residue	NA	P	12.81	0.5128	2.46	-61.59	-63.05	597	Struve et al. (2017)	External contribution
MD06_3052	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	3.08	123.49	14.81	732	Xu et al. (2018)	External contribution
MD06_3052	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	1.66	123.49	14.81	732	Xu et al. (2018)	External contribution
MGL1208-37BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	#####	-7.23	-161.63	7.04	2798	Reimi et al. (2016)	Du/External contribution
12I712	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-15.14	82.50	4.01	4181	Liu et al. (2019)	Du/External contribution
MD12_3412	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	MIS1	32.1	0.512	-12.50	89.49	17.19	2368	Joussain et al. (2016)	Du
YDY09	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-14.74	85.96	9.99	3520	Liu et al. (2019)	External contribution
GIK23258-3	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	P	NA	#####	-12.65	13.97	75.00	1768	Struve et al. (2019)	External contribution
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.25	0.5119	-14.30	-48.37	58.21	3460	Colville et al. (2011)	Literature search
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5123	-7.47	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5121	-9.86	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-9.57	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-3.20	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
NBP0805	Southern Ocean	NA	SFZ	marine sediment	detrital residue	NA	P	15.61	0.5126	-1.06	-56.54	-60.62	4221	Struve et al. (2017)	External contribution
NBP1103	Southern Ocean	NA	Interim	marine sediment	detrital residue	NA	P	11.89	0.5125	-3.29	-66.18	-60.54	3095	Struve et al. (2017)	External contribution
ODP 145-884C	Pacific Ocean	N Pacific	Meiji Drif	marine sediment	decarb. sediment	20-63 μ m	P	NA	0.5131	8.60	168.34	51.45	3827	VanLaningha m et al. (2009)	Du/External contribution

DSDP 18-178	Pacific Ocean	NE Pacific	NA	marine sediment	bulk	NA	MIS1	16.5	0.5126	-0.50	NA	56.96	4218	Vervoort et al. (2011)	Du/External contribution
MD06_305_2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	2.54	123.49	14.81	732	Xu et al. (2018)	Du/External contribution
MD06_305_2	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	2.36	123.49	14.81	732	Xu et al. (2018)	External contribution
YDY09	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-14.25	85.96	9.99	3520	Liu et al. (2019)	Du/External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-14.05	13.97	75.00	1768	Struve et al. (2019)	External contribution
12I712	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-15.37	82.50	4.01	4181	Liu et al. (2019)	Du/External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-14.61	13.97	75.00	1768	Struve et al. (2019)	External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-13.93	13.97	75.00	1768	Struve et al. (2019)	External contribution
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	15.82	0.5119	-14.00	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.9	0.5117	-18.60	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	19.47	0.5119	-14.30	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.19	0.512	-11.80	-48.37	58.21	3460	Colville et al. (2011)	Literature search
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-9.02	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-8.84	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-9.85	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5122	-9.53	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-3.03	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-2.80	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
GIK23258-3	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	P	NA	#####	-12.66	13.97	75.00	1768	Struve et al. (2019)	External contribution
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	19.1	0.512	-12.20	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	16.77	0.5119	-14.00	-48.37	58.21	3460	Colville et al. (2011)	Literature search

GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5123	-7.43	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-10.17	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-9.54	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
YDY09	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-14.69	85.96	9.99	3520	Liu et al. (2019)	Du/External contribution
MD12_3412	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5121	-11.00	89.49	17.19	2368	Joussain et al. (2016)	Du/External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-13.93	13.97	75.00	1768	Struve et al. (2019)	External contribution
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	13.34	0.5118	-17.20	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.05	0.5117	-18.20	-48.37	58.21	3460	Colville et al. (2011)	Literature search
MD99-2227	Atlantic Ocean	N Atlantic	Greenland	marine sediment	decarb. sediment	3-63 μ m	MIS1	17.47	0.5116	-21.00	-48.37	58.21	3460	Colville et al. (2011)	Literature search
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-8.12	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-7.64	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5123	-7.04	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5124	-4.03	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-2.82	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
NBP0805	Southern Ocean	NA	Sars seamount	marine sediment	detrital residue	NA	P	7.49	0.5127	0.38	-68.88	-59.72	695	Struve et al. (2017)	External contribution
DSDP 18-174A	Pacific Ocean	NE Pacific	NA	marine sediment	bulk	NA	MIS1	18	0.5125	-3.40	NA	44.89	2799	Vervoort et al. (2011)	Du/External contribution
MD02-2594	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.76	17.33	-34.72	2440	Wei et al. (2016)	Tachikawa/External contribution
MD06_3052	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	3.47	123.49	14.81	732	Xu et al. (2018)	External contribution
GIK23258-2	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	-13.77	13.97	75.00	1768	Struve et al. (2019)	External contribution
MGL1208-31BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-7.52	-160.05	4.68	2857	Reimi et al. (2016)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5122	-8.77	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution

GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5123	-7.00	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5121	-10.21	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6211-2	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5121	-9.67	-50.24	-32.51	657	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	P	NA	0.5124	-4.23	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-3.35	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-2.40	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
MGL1208-31BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	decarb. detrital residue	NA	MIS1	NA	0.5123	-5.91	-160.05	4.68	2857	Reimi et al. (2016)	Du/External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-3.09	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
ODP 145-884C	Pacific Ocean	N Pacific	Meiji Drif	marine sediment	decarb. sediment	20-63 μ m	P	NA	0.5131	8.17	168.34	51.45	3827	VanLaningha m et al. (2009)	External contribution
GeoB6308-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	decarb. Sediment	bulk	MIS1	NA	0.5125	-2.70	-53.97	-32.51	3620	Lantzsch et al. (2014)	Du/External contribution
ODP 145-884C	Pacific Ocean	N Pacific	Meiji Drif	marine sediment	decarb. sediment	20-63 μ m	MIS1	NA	0.5131	8.39	168.34	51.45	3827	VanLaningha m et al. (2009)	External contribution
MGL1208-31BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	decarb. detrital residue	NA	MIS1	NA	0.5123	-5.81	-160.05	4.68	2857	Reimi et al. (2016)	Du/External contribution
MGL1208-37BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	decarb. detrital residue	NA	MIS1	NA	0.5123	-6.59	-161.63	7.04	2798	Reimi et al. (2016)	Du/External contribution
MGL1208-31BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	decarb. detrital residue	NA	MIS1	NA	0.5123	-5.71	-160.05	4.68	2857	Reimi et al. (2016)	Du/External contribution
252-1	Pacific Ocean	SE Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.99	-97.16	-68.19	4507	Wengler et al. (2019)	External contribution
258-1	Pacific Ocean	SE Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.23	-102.09	-68.77	4181	Wengler et al. (2019)	External contribution
70-1	Pacific Ocean	SW Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.29	-150.07	-58.58	2839	Wengler et al. (2019)	External contribution
76-1	Pacific Ocean	SW Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.44	-156.14	-55.53	3745	Wengler et al. (2019)	External contribution
105-1	Pacific Ocean	SW Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.25	174.63	-44.41	669	Wengler et al. (2019)	External contribution
266-4	Pacific Ocean	Central South Pacific	NA	marine sediment	decarb. detrital residue	<10 μ m	P	NA	#####	-4.47	-116.63	-65.62	4845	Wengler et al. (2019)	External contribution

268-1	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.64	-115.39	-63.46	5099	Wengler et al. (2019)	External contribution
2687-5	Pacific Ocean	SE Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.41	-92.56	-68.07	4454	Wengler et al. (2019)	External contribution
2699-5	Pacific Ocean	SE Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-3.24	-89.50	-61.02	4957	Wengler et al. (2019)	External contribution
272-4	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.68	-115.84	-60.61	5078	Wengler et al. (2019)	External contribution
276-1	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.41	-113.57	-56.89	3896	Wengler et al. (2019)	External contribution
292-1	Pacific Ocean	SE Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-2.97	-93.79	-56.57	5240	Wengler et al. (2019)	External contribution
34-1	Pacific Ocean	SE Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.16	-80.09	-54.37	4450	Wengler et al. (2019)	External contribution
51-2	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.16	-107.81	-52.81	3977	Wengler et al. (2019)	External contribution
62-1	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.80	-135.63	-58.28	4147	Wengler et al. (2019)	External contribution
64-2	Pacific Ocean	Central South Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.76	-139.46	-61.01	4595	Wengler et al. (2019)	External contribution
84-1	Pacific Ocean	SW Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-6.02	-159.59	-61.05	3313	Wengler et al. (2019)	External contribution
97-5	Pacific Ocean	SW Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-3.76	-171.36	-59.70	4675	Wengler et al. (2019)	External contribution
27-1	Pacific Ocean	SE Pacific	NA	marine sediment	detrital residue	<10 μ m	P	NA	#####	-4.84	-74.61	-54.38	2364	Wengler et al. (2019)	External contribution
MGL1208-31BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-7.14	-160.05	4.68	2857	Reimi et al. (2016)	Du/External contribution
MGL1208-17PC	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-4.34	-161.63	0.48	2926	Reimi et al. (2016)	Du/External contribution
MGL1208-17PC	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.78	-161.63	0.48	2926	Reimi et al. (2016)	Du/External contribution
MGL1208-17PC	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.09	-161.63	0.48	2926	Reimi et al. (2016)	Du/External contribution
MGL1208-17PC	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5126	-1.07	-161.63	0.48	2926	Reimi et al. (2016)	Du/External contribution
MD06_3052	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	#####	1.44	123.49	14.81	732	Xu et al. (2018)	External contribution
MGL1208-37BB	Pacific Ocean	Central Eq. Pacific	Line Islands	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-11.76	-161.63	7.04	2798	Reimi et al. (2016)	Du/External contribution
MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.59	-179.46	60.07	1158	Asahara et al. (2012)	Literature search

MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.47	-179.46	60.07	1158	Asahara et al. (2012)	Literature search
MC29	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-3.52	-167.50	58.50	51	Asahara et al. (2012)	Literature search
BA16-M	Pacific Ocean	W Pacific	Celebes Basin	marine sediment	decarb. sediment	NA	P	19.20	0.51205	4.20	121.32	2.42	5336	McLennan et al. (1990)	Jeandel/Hemmin g
BA23-M	Pacific Ocean	NW Pacific	Japan Basin	marine sediment	decarb. sediment	NA	P	32.70	0.51136	-9.30	130.58	36.39	2111	McLennan et al. (1990)	Jeandel/Hemmin g
CA24-S	Pacific Ocean	E Pacific	West Mexico Basin	marine sediment	decarb. sediment	NA	P	14.50	0.51205	4.20	-104.36	18.13	680	McLennan et al. (1990)	Jeandel/Hemmin g
CA25-M	Pacific Ocean	E Pacific	Middle America trench	marine sediment	decarb. sediment	NA	P	26.00	0.51190	1.30	-105.30	19.06	4912	McLennan et al. (1990)	Jeandel/Hemmin g
CA29-M	Pacific Ocean	SE Pacific	Peru Chile trench	marine sediment	decarb. sediment	NA	P	23.70	0.51158	-5.00	-81.24	-7.35	5856	McLennan et al. (1990)	Jeandel/Hemmin g
CA30-M	Indian Ocean	E Indian	Java trench	marine sediment	decarb. sediment	NA	P	35.00	0.51113	-13.80	103.07	-7.21	6454	McLennan et al. (1990)	Jeandel/Hemmin g
SS13-S	Pacific Ocean	NE Pacific	Alaska Basin	marine sediment	decarb. sediment	NA	P	17.30	0.51192	1.60	-145.59	54.37	4111	McLennan et al. (1990)	Jeandel/Hemmin g
TE1-M V27-130	Atlantic Ocean	NE Atlantic	Biscay abyssal plain	marine sediment	decarb. sediment	NA	P	36.20	0.51133	-9.90	-7.59	45.04	4526	McLennan et al. (1990)	Jeandel/Hemmin g
TE2-S V23-15	Atlantic Ocean	NW Atlantic	Newfoundl and Basin	marine sediment	decarb. sediment	NA	P	22.10	0.51058	-24.50	-45.15	43.29	4415	McLennan et al. (1990)	Jeandel/Hemmin g
TE6-S RC15-79	Atlantic Ocean	SW Atlantic	South Falkland Basin	marine sediment	decarb. sediment	NA	P	13.70	0.51161	-4.40	-60.28	-52.55	472	McLennan et al. (1990)	Jeandel/Hemmin g
KNR166-2-26JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.13	-83.25	24.33	546	Xie et al. (2012)	Tachikawa
KNR166-2-26JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.60	-83.25	24.33	546	Xie et al. (2012)	Tachikawa
KNR166-2-26JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5121	-10.97	-83.25	24.33	546	Xie et al. (2012)	Tachikawa
KNR166-2-31JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.85	-83.30	24.22	751	Xie et al. (2012)	Tachikawa
KNR166-2-31JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.77	-83.30	24.22	751	Xie et al. (2012)	Tachikawa

TE4-S V27-3	Atlantic Ocean	NW Atlantic	Sohm	marine sediment	decarb. sediment	NA	P	27.30	0.51113	-13.80	-56.60	40.80	5152	McLennan et al 1990	GCA Hemming
CA27-S	Pacific Ocean	SE Pacific	Peru Chile slope	marine sediment	decarb. sediment	NA	P	19.70	0.51167	-3.20	-73.73	-16.92	3603	McLennan et al. (1990)	Jeandel/Hemming
TE7-S RC13-220	Atlantic Ocean	E Atlantic	Angola Basin	marine sediment	decarb. sediment	NA	P	9.10	0.51056	-24.90	12.36	-12.12	1760	McLennan et al. (1990)	Jeandel/Hemming
PS78/201-7	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.70	59.42	85.54	3797	Meinhardt et al. (2016)	Tachikawa
ELT27-20e	Southern Ocean	W Antarctica	Ross Sea	marine sediment	detrital residue	<63 μ m	P	46.10	0.512283	-6.90	178.60	-71.96	2136	Roy et al. (2007)	Literature search
IO1578-48e	Southern Ocean	E Antarctica	Weddell Sea	marine sediment	detrital residue	<63 μ m	P	65.10	0.512201	-8.50	-20.01	-62.00	4890	Roy et al. (2007)	Hemming/Cook-Williams
KNR166-2-31JPC	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.51	-83.30	24.22	751	Xie et al. (2012)	Tachikawa
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.10	11.00	-5.50	914	Bayon et al. (2012)	Literature search
IODP_U14-29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	30-63 μ m	MIS1	21.4	0.512722	-3.90	129.00	31.62	732	Beny et al. (2018)	Du/External contribution
BP97-12	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.5122	-7.80	74.29	72.17	13	Chen et al. (2012)	Literature search
BP97-46	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.5122	-8.10	77.20	74.00	27	Chen et al. (2012)	Literature search
BP97-52	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.5122	-8.20	72.66	74.00	30	Chen et al. (2012)	Literature search
PS2179-1	Arctic Ocean	Lomonosov Ridge	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-11.00	138.03	87.75	1230	Chen et al. (2012)	Literature search
PS2185-3	Arctic Ocean	Lomonosov Ridge	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.90	144.17	87.53	1073	Chen et al. (2012)	Literature search
U1359	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5121	-11.20	143.93	-64.79	NA	Cook et al. (2013)	Cook-Williams
GC-95/21	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-8.30	111.63	-26.00	982	Ehlert et al. (2011)	External contribution
HU90-013-013	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	30.60	0.51198	-12.90	-48.37	58.21	3380	Innocent et al. (1997)	Hemming
HU91-045-094	Atlantic Ocean	NW Atlantic	Orphan Knoll	marine sediment	decarb. sediment	<2 μ m	MIS1	32.64	0.51146	-22.90	-45.69	50.20	3448	Innocent et al. (1997)	Hemming
PS78/285-6	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.20	125.72	78.50	2805	Meinhardt et al. (2016)	Tachikawa
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.00	94.48	11.70	2064	Miriyala et al. (2017)	External contribution

B.8704-2	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	14.8	0.5121	-11.40	-51.00	1.00	NA	Parra et al. (1997)	External contribution
USN.8706-O/5	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	23.5	0.512	-11.60	-49.00	2.00	NA	Parra et al. (1997)	External contribution
ELT37-04e	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	46.70	0.51200 3	-12.40	150.49	-64.83	3274	Roy et al. (2007)	Literature search
ELT47-07e	Southern Ocean	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	P	47.30	0.51154 4	-21.30	77.90	-66.66	1425	Roy et al. (2007)	Literature search
ELT47-14e	Southern Ocean	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	P	40.10	0.51168 1	-18.70	71.27	-61.12	4166	Roy et al. (2007)	Literature search
ELT50-13e	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	NA	0.51188 1	-14.80	105.00	-60.00	4208	Roy et al. (2007)	Literature search
IO1277-41e	Southern Ocean	E Antarctica	Dronning Maud	marine sediment	detrital residue	<63 μ m	P	94.70	0.51186 7	-15.00	-5.08	-70.00	1873	Roy et al. (2007)	Hemming/Cook-Williams
MD95-2002	Atlantic Ocean	N Atlantic	Bay of Biscaye	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-13.00	-8.45	47.45	2174	Toucanne et al 2015 QSR	Literature search
GeoB1620-6-1	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	13.811	#####	-17.47	-43.02	-1.58	1367	Zang et al. (2015)	Hemming
MC26	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.24	-176.00	60.00	132	Asahara et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.90	11.00	-5.50	914	Bayon et al. (2012)	Literature search
IODP_U14-29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	30-63 μ m	MIS1	20,2	0,51264 8	-0.30	129.00	31.62	732	Beny et al. (2018)	Du/External contribution
BP97-56	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.5122	-8.50	75.48	72.89	14	Chen et al. (2012)	Literature search
U1360	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-16.20	142.77	-66.34	NA	Cook et al. (2013)	Cook-Williams
BARP-942-4	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-9.10	94.84	6.74	2676	Ehlert et al. (2011)	External contribution
BARP-944-1	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5125	-2.50	101.85	-5.11	1099	Ehlert et al. (2011)	External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	P	NA	0.5115	-21.70	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5115	-21.60	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5115	-21.70	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5115	-22.40	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5118	-17.10	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution

GC-95/13	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5118	-16.10	113.97	-18.82	1454	Ehlert et al. (2011)	External contribution
GC-95/18	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5115	-21.50	112.83	-22.99	1055	Ehlert et al. (2011)	External contribution
GC-96/11	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-12.70	108.37	-23.95	2404	Ehlert et al. (2011)	External contribution
GC-96/8	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5122	-8.40	108.82	-24.85	2670	Ehlert et al. (2011)	External contribution
SHIP-9005	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.40	116.28	-7.45	472	Ehlert et al. (2011)	External contribution
SHIP-9020	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5121	-10.10	121.97	-10.99	2556	Ehlert et al. (2011)	External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.512	-12.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	27	0.512	-13.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5117	-18.20	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU9 I-045-093	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	29.23	0.51161	-20.10	-45.69	50.21	3448	Innocent et al. (1997)	Hemming
PS78/231-1	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.512	-11.90	-137.81	84.91	1594	Meinhardt et al. (2016)	Tachikawa
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.13	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.27	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.45	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK175/52	Indian Ocean	NE Indian	Salween	marine sediment	detrital residue	NA	P	NA	0.5121	-10.37	97.00	15.00	NA	Miriyala et al. (2017)	External contribution
ELT11-18e	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	<63 μ m	P	47.10	0.51239 9	-4.66	-102.82	-70.14	3786	Roy et al. (2007)	Literature search
PS75/1302	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 μ m	P	NA	0.5127	1.14	-134.15	-74.45	793	Simoes-Perreira et al. (2018)	Cook-Williams
SK_157_14	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	<150 μ m	MIS1	NA	0.5119	-14.55	90.10	5.19	3306	Ahmad et al. (2005)	Du / External contribution
MD96-2086	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	20.60	0.512	-11.84	12.13	-25.81	3606	Bayon et al. (2002)	Tachikawa
MD96-2086	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	23.10	0.5121	-11.33	12.13	-25.81	3606	Bayon et al. (2002)	Tachikawa

BP97-32	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.5122	-7.80	81.48	72.09	10	Chen et al. (2012)	Literature search
269	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-13.50	140.07	-61.68	NA	Cook et al. (2013)	Cook-Williams
U1358	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5116	-19.60	143.32	-66.11	NA	Cook et al. (2013)	Cook-Williams
IO1277 39B PC 14- 16 REP	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-14.80	-3.09	-68.49	230	Cook, Martin et al. unpub.	author contribution
MD 73026	Indian Ocean	Central Indian	Aseismic ridge	marine sediment	decarb. sediment	NA	P	NA	0.5128	2.90	53.17	-44.60	3440	Dia et al (1992)	External contribution
FR10/95_G C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5115	-22.30	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
GC-95/1	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5118	-16.60	128.15	-12.04	124	Ehlert et al. (2011)	External contribution
GC-95/5	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-12.10	121.03	-14.01	2472	Ehlert et al. (2011)	External contribution
GC-96/1	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5116	-20.30	114.55	-31.11	2530	Ehlert et al. (2011)	External contribution
GC-96/20	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5121	-10.30	113.51	-14.58	2497	Ehlert et al. (2011)	External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	29	0.5118	-15.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU91-045- 005	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	29.56	0.51122	-27.70	-55.00	55.00	530	Innocent et al. (1997)	Jeandel
PS78/206-2	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.40	60.10	86.44	1770	Meinhardt et al. (2016)	Tachikawa
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.76	94.48	11.70	2064	Miriyala et al. (2017)	Du/External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.90	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.25	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.75	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.39	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.38	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.40	94.48	11.70	2064	Miriyala et al. (2017)	External contribution

SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.46	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
ELT37- 09e	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	37.70	0.51181 7	-20.40	141.10	-65.55	1308	Roy et al. (2007)	Literature search
BC364	Southern Ocean	W Antarctica	Bellingsha usen	marine sediment	detrital residue	63 μ m- 2mm	P	NA	0.5123	-7.24	-83.44	-72.98	1010	Simoës- Perreira et al. (2018)	Cook-Williams
BC420	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.32	-112.86	-74.14	806	Simoës- Perreira et al. (2018)	Cook-Williams
GC362	Southern Ocean	W Antarctica	Bellingsha usen	marine sediment	detrital residue	NA	P	NA	0.5123	-5.64	-80.83	-72.60	846	Simoës- Perreira et al. (2018)	Cook-Williams
PS58/254-2	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.96	-108.45	-69.31	4016	Simoës- Perreira et al. (2018)	Cook-Williams
MD95- 2002	Atlantic Ocean	N Atlantic	Bay of Biscaye	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-11.50	-8.45	47.45	2174	Toucanne et al 2015 QSR	Literature search
MC14	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-10.08	-166.00	71.00	43	Asahara et al. (2012)	Literature search
MC15	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.27	-168.00	70.00	48	Asahara et al. (2012)	Literature search
MC16	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.73	-168.00	68.50	54	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.87	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.39	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.22	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.07	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.83	-179.46	60.07	1158	Asahara et al. (2012)	Literature search
MC31	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-5.46	-170.00	58.38	74	Asahara et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.10	11.00	-5.50	914	Bayon et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.50	11.00	-5.50	914	Bayon et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.80	11.00	-5.50	914	Bayon et al. (2012)	Literature search

KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.90	11.00	-5.50	914	Bayon et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.80	11.00	-5.50	914	Bayon et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.00	11.00	-5.50	914	Bayon et al. (2012)	Literature search
IODP_U14-29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	0-2 μ m	P	16.4	0.51212 8	-10.00	129.00	31.62	732	Beny et al. (2018)	Du/External contribution
IODP_U14-29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	0-2 μ m	MIS1	20.4	0.51218 6	-8.80	129.00	31.62	732	Beny et al. (2018)	Du/External contribution
FR10/95_G-C17	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5116	-21.10	113.50	-22.13	1093	Ehlert et al. (2011)	Du/External contribution
GC-95/6	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5119	-13.50	121.16	-14.33	2177	Ehlert et al. (2011)	External contribution
GC-96/28	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5117	-17.40	116.34	-18.80	502	Ehlert et al. (2011)	External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.5121	-9.70	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	23	0.5121	-10.20	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.512	-13.20	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.5119	-13.60	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-5.90	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
HU90-013-011	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	36.27	0.51219	-8.80	-48.00	59.50	2805	Innocent et al. (1997)	Jeandel
HU91-045-060	Atlantic Ocean	NW Atlantic	Irminger Basin	marine sediment	decarb. sediment	<2 μ m	MIS1	30.37	0.51219	-8.80	-33.58	59.85	2255	Innocent et al. (1997)	Hemming
HU91-045-080	Atlantic Ocean	NW Atlantic	Charlie Gibbs Fracture Zone	marine sediment	decarb. sediment	<2 μ m	MIS1	27.31	0.51240	-4.60	-33.53	53.07	3024	Innocent et al. (1997)	Hemming
SCAN-10PG	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51211	-10.20	140.17	13.87	4864	Jones et al. (1994)	External contribution
Y74-2-31MG2	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51232	-6.30	-113.95	20.25	3590	Jones et al. (1994)	External contribution
Y74-2-40GC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51213	-9.90	145.58	20.12	5490	Jones et al. (1994)	External contribution
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	22.10	0.512	-12.00	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa

JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	20.30	0.511	-12.00	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
PS78/275-1	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.60	120.97	80.82	3527	Meinhardt et al. (2016)	Tachikawa
SK_168/G_C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.24	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK_168/G_C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.25	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
SK175/48	Indian Ocean	NE Indian	Sittang	marine sediment	detrital residue	NA	P	NA	0.5121	-11.19	96.50	15.40	NA	Miriyala et al. (2017)	External contribution
ELT07-11e	Southern Ocean	E Antarctica	Weddell Sea	marine sediment	detrital residue	<63 μ m	P	74.70	0.51214 7	-9.60	-45.62	-66.50	4197	Roy et al. (2007)	Literature search
ELT37-06	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	34.10	0.51176 5	-17.00	145.02	-66.08	201	Roy et al. (2007)	Literature search
ELT37-10	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	42.80	0.51181 5	-16.10	137.88	-65.22	2249	Roy et al. (2007)	Literature search
BC407	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.52	-115.24	-73.21	815	Simoës-Perreira et al. (2018)	Cook-Williams
BC433	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5125	-2.59	-118.31	-71.56	1722	Simoës-Perreira et al. (2018)	Cook-Williams
BC455	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.35	-105.08	-71.07	807	Simoës-Perreira et al. (2018)	Cook-Williams
BC492	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.18	-119.96	-71.15	2073	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9902 Grab20	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-11.31	-154.82	-76.41	458	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9902 PC21	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 μ m	P	NA	0.5126	-0.54	-127.79	-74.08	702	Simoës-Perreira et al. (2018)	Cook-Williams
PS2543-3	Southern Ocean	W Antarctica	Bellingshausen	marine sediment	detrital residue	NA	P	NA	0.5123	-6.89	-89.36	-70.95	537	Simoës-Perreira et al. (2018)	Cook-Williams
PS69/283-5	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5125	-2.86	-115.38	-72.76	612	Simoës-Perreira et al. (2018)	Cook-Williams

MW98-13-163GGC	Pacific Ocean	N Pacific	NA	marine sediment	bulk	NA	P	5.26	0.5129	5.60	-158.38	21.43	2235	Vance et al. (2004)	Tachikawa
ODP Hole 967	Mediterranean Sea	Levantine Basin	NA	marine sediment	bulk	NA	P	20.10	0.5124	-4.20	32.73	34.07	2554	Vance et al. (2004)	Tachikawa
EW9504_17PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5125	-2.00	-125.89	42.24	2671	VanLaningham et al. (2008)	External contribution
GeoB 4223	Atlantic Ocean	Atlantic Ocean	Agadir Canyon	marine sediment	decarb. sediment	10-40 μ m	MIS1	26.11	0.5121	-11.40	-12.28	29.01	775	Meyer et al. (2011)	Literature search
GeoB 7920	Atlantic Ocean	E Atlantic	Cape Blanc	marine sediment	decarb. sediment	10-40 μ m	P	22.80	0.5119	-13.50	-18.34	20.45	2278	Meyer et al. (2011)	Literature search
GeoB 9508	Atlantic Ocean	E Atlantic	Senegal	marine sediment	decarb. sediment	10-40 μ m	MIS1	22.51	0.5119	-15.10	-17.57	15.30	2834	Meyer et al. (2011)	Literature search
SK_157_14	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	<150 μ m	MIS1	NA	0.5119	-13.81	90.10	5.19	3306	Ahmad et al. (2005)	Du / External contribution
MC07	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.30	-165.50	63.50	21.3	Asahara et al. (2012)	Literature search
MC12ex	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.68	-166.00	73.60	53	Asahara et al. (2012)	Literature search
MC13	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-9.09	-166.00	72.00	46	Asahara et al. (2012)	Literature search
MC13	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.80	-166.00	72.00	46	Asahara et al. (2012)	Literature search
MC13	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-9.34	-166.00	72.00	46	Asahara et al. (2012)	Literature search
MC14	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5119	-13.70	-137.51	69.30	34.2	Asahara et al. (2012)	Literature search
MC15	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5119	-14.70	-138.16	69.76	163	Asahara et al. (2012)	Literature search
MC16	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.77	-168.00	68.50	54	Asahara et al. (2012)	Literature search
MC17	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.63	-167.00	67.00	40	Asahara et al. (2012)	Literature search
MC18	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.23	-169.00	64.00	35	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-9.45	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.49	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC20	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.89	-169.00	62.00	37	Asahara et al. (2012)	Literature search

MC20	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.31	-169.00	62.00	37	Asahara et al. (2012)	Literature search
MC21	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.95	-172.00	62.00	56	Asahara et al. (2012)	Literature search
MC21	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.69	-172.00	62.00	56	Asahara et al. (2012)	Literature search
MC21	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.83	-172.00	62.00	56	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.59	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.60	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.39	-179.46	60.07	1158	Asahara et al. (2012)	Literature search
MC29	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.75	-167.50	58.50	51	Asahara et al. (2012)	Literature search
MC30	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.54	-172.00	58.50	101	Asahara et al. (2012)	Literature search
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.61	-167.50	57.00	77	Asahara et al. (2012)	Literature search
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.29	-167.50	57.00	77	Asahara et al. (2012)	Literature search
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5128	3.26	-166.23	55.77	130	Asahara et al. (2012)	Literature search
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5128	2.38	-166.23	55.77	130	Asahara et al. (2012)	Literature search
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5128	2.98	-166.23	55.77	130	Asahara et al. (2012)	Literature search
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5128	3.04	-166.23	55.77	130	Asahara et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-15.70	11.00	-5.50	914	Bayon et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.00	11.00	-5.50	914	Bayon et al. (2012)	Literature search
IODP_U14-29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	0-2 μ m	MIS1	23,1	0.51218 0	-8.80	129.00	31.62	732	Beny et al. (2018)	Du/External contribution
ODP 758A	Indian Ocean	NE Indian	Sumatra	marine sediment	decarb. sediment	NA	MIS1	12.71	0.5121	-11.00	90.40	5.40	NA	Burton and Vance (2000)	External contribution
ODP 758A	Indian Ocean	NE Indian	Sumatra	marine sediment	decarb. sediment	NA	MIS1	13.72	0.5121	-11.26	90.40	5.40	NA	Burton and Vance (2000)	External contribution

ODP 758A	Indian Ocean	NE Indian	Sumatra	marine sediment	decarb. sediment	NA	MIS1	13.36	0.5121	-11.14	90.40	5.40	NA	Burton and Vance (2000)	External contribution
ODP 758A	Indian Ocean	NE Indian	Sumatra	marine sediment	decarb. sediment	NA	MIS1	14.26	0.5121	-11.22	90.40	5.40	NA	Burton and Vance (2000)	External contribution
ODP 743 1H 1W 20-22	Antarctica	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5117	-17.80	74.69	-66.92	999	Cook, Martin et al. unpub.	author contribution
MD 73010	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.512	-12.20	48.46	-44.60	4570	Dia et al (1992)	External contribution
MD 75068	Indian Ocean	Central Indian	Ridge	marine sediment	decarb. sediment	NA	P	NA	0.5123	-7.20	78.34	-31.11	3210	Dia et al (1992)	External contribution
MD 75073	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5123	-5.90	65.44	-39.36	4755	Dia et al (1992)	External contribution
MD 75074	Indian Ocean	Central Indian	Fracture zone	marine sediment	decarb. sediment	NA	P	NA	0.5123	-5.80	63.08	-37.38	4942	Dia et al (1992)	External contribution
MD 79294	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.40	85.46	-28.54	4386	Dia et al (1992)	External contribution
BARP-941 9	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-13.10	93.82	3.25	3145	Ehlert et al. (2011)	External contribution
BARP-943 4	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-9.30	98.46	-1.75	2780	Ehlert et al. (2011)	External contribution
GC-95/26	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5118	-16.80	113.56	-29.24	1738	Ehlert et al. (2011)	External contribution
GC-95/8	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5119	-13.90	120.96	-14.92	678	Ehlert et al. (2011)	External contribution
GC-95/9	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5119	-14.50	118.02	-18.13	498	Ehlert et al. (2011)	External contribution
SHIP-9006	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.40	117.99	-4.55	1999	Ehlert et al. (2011)	External contribution
SHIP-9034	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5126	-0.80	111.01	-9.16	3330	Ehlert et al. (2011)	External contribution
SHIP-9043	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.00	104.54	-7.33	3331	Ehlert et al. (2011)	External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5121	-10.00	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	15	0.5121	-10.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.5121	-10.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution

MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.5121	-10.90	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	19	0.5118	-16.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.512	-12.90	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU87-033-007	Atlantic Ocean	NW Atlantic	Davis Strait	marine sediment	decarb. sediment	<2 μ m	MIS1	26.99	0.51123	-27.50	-57.00	64.00	823	Innocent et al. (1997)	Jeandel
HU87-033-008	Atlantic Ocean	NW Atlantic	Davis Strait	marine sediment	decarb. sediment	<2 μ m	MIS1	30.91	0.51141	-24.10	-53.00	62.00	2424	Innocent et al. (1997)	Jeandel
HU90-013-006	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	32.35	0.51179	-16.50	-46.00	60.00	1105	Innocent et al. (1997)	Jeandel
HU91-045-018	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	34.18	0.51147	-22.90	-52.13	55.03	2648	Innocent et al. (1997)	Hemming
HU91-045-051	Atlantic Ocean	NW Atlantic	Irminger Basin	marine sediment	decarb. sediment	<2 μ m	MIS1	30.33	0.51224	-7.90	-38.00	60.00	2949	Innocent et al. (1997)	Jeandel
HU91-045-063	Atlantic Ocean	NW Atlantic	Reykjanes Ridge	marine sediment	decarb. sediment	<2 μ m	MIS1	29.11	0.51256	-1.60	-30.36	59.68	1319	Innocent et al. (1997)	Hemming
TT34-07PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51214	-9.70	122.70	9.97	4586	Jones et al. (1994)	External contribution
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	19.70	0.512	-11.50	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
SK175/3	Indian Ocean	NE Indian	Arakan	marine sediment	detrital residue	NA	P	NA	0.5122	-8.88	94.30	17.50	NA	Miriyala et al. (2017)	External contribution
SK175/38	Indian Ocean	NE Indian	Irrawaddy	marine sediment	detrital residue	NA	P	NA	0.5122	-8.72	95.70	15.30	NA	Miriyala et al. (2017)	External contribution
ELT33-12	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	<63 μ m	P	66.10	0.51235 8	-5.46	-120.17	-70.00	2615	Roy et al. (2007)	Literature search
ODP188-1166e	Southern Ocean	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	P	NA	0.51173 0	-17.70	74.47	-67.41	480	Roy et al. (2007)	Literature search
BC421	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.71	-113.71	-73.62	833	Simoos-Perreira et al. (2018)	Cook-Williams
BC431	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.92	-118.16	-72.30	512	Simoos-Perreira et al. (2018)	Cook-Williams
BC443	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5125	-3.58	-113.46	-71.28	1789	Simoos-Perreira et al. (2018)	Cook-Williams
BC470	Southern Ocean	W Antarctica	Bellingshausen	marine sediment	detrital residue	NA	P	NA	0.5124	-4.55	-76.39	-69.09	670	Simoos-Perreira et al. (2018)	Cook-Williams

DF83 PC31	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	>63 μ m	P	NA	0.512	-11.86	-154.10	-76.60	713	Simoës-Perreira et al. (2018)	Cook-Williams
DF83-III BC28	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	>63 μ m	P	NA	0.5121	-10.79	-152.48	-76.83	1024	Simoës-Perreira et al. (2018)	Cook-Williams
DF83-III BC33	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-10.89	-156.40	-76.63	770	Simoës-Perreira et al. (2018)	Cook-Williams
DF8648	Southern Ocean	W Antarctica	Antartic Peninsula	marine sediment	detrital residue	NA	P	NA	0.5128	2.20	-59.74	-62.68	1234	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0001 KC17	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	NA	P	NA	0.5127	0.29	-123.53	-73.79	891	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0001 KC21	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.79	-115.84	-74.03	1049	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0702	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.97	-117.30	-74.02	350	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0702	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.46	-111.90	-74.21	343	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9601 JTC11	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5126	-11.52	-155.44	-76.78	392	Simoës-Perreira et al. (2018)	External contribution
NBP9601 TC13	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-11.22	-153.36	-76.65	739	Simoës-Perreira et al. (2018)	Cook-Williams
PS2524-1	Southern Ocean	W Antarctica	Antartic Peninsula	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-3.61	-74.78	-67.18	2926	Simoës-Perreira et al. (2018)	Cook-Williams
PS2545-1	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5126	-1.66	-121.95	-73.16	636	Simoës-Perreira et al. (2018)	Cook-Williams
PS69/251-1	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.71	-104.81	-72.11	573	Simoës-Perreira et al. (2018)	Cook-Williams

PS69/255-3	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5124	-4.61	-104.36	-71.80	654	Simoes-Perreira et al. (2018)	Cook-Williams
PS69/275-2	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5125	-2.35	-117.55	-73.89	1517	Simoes-Perreira et al. (2018)	Cook-Williams
PS69/281-3	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-1.87	-110.21	-74.33	213	Simoes-Perreira et al. (2018)	Cook-Williams
PS69/299-1	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5125	-3.28	-103.65	-73.44	718	Simoes-Perreira et al. (2018)	Cook-Williams
PS75/1331	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 μ m	P	NA	0.5127	1.26	-133.08	-74.34	474	Simoes-Perreira et al. (2018)	Cook-Williams
PS75/1591	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	63 μ m-2mm	P	NA	0.5123	-7.24	-102.36	-74.80	1046	Simoes-Perreira et al. (2018)	Cook-Williams
PS75/1681	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	63 μ m-2mm	P	NA	0.5124	-4.52	-105.87	-74.61	652	Simoes-Perreira et al. (2018)	Cook-Williams
PS75/1922	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.49	-103.33	-71.74	793	Simoes-Perreira et al. (2018)	Cook-Williams
MV0502_01JC	Pacific Ocean	Central Pacific	NA	marine sediment	detrital residue	<63 μ m	P	NA	0.5124	-4.29	-154.04	-40.01	4775	Stancin et al. (2008)	Du/External contribution
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	32.4	0.5118	-15.50	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	32.3	0.512	-13.10	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	30.8	0.512	-13.10	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
ODP Hole 967	Mediterranean Sea	Levantine Basin	NA	marine sediment	detrital residue	NA	MIS1	10.50	0.5123	-5.75	32.73	34.07	2554	Vance et al. (2004)	Literature search
GeoB 7920	Atlantic Ocean	E Atlantic	Cape Blanc	marine sediment	decarb. sediment	10–40 μ m	MIS1	8.95	0.5118	-15.40	-18.34	20.45	2278	Meyer et al. (2011)	Literature search
GeoB 7920	Atlantic Ocean	E Atlantic	Cape Blanc	marine sediment	decarb. sediment	0–10 μ m	MIS1	38.66	0.5119	-13.90	-18.34	20.45	2278	Meyer et al. (2011)	Literature search
GeoB 9508	Atlantic Ocean	E Atlantic	Senegal	marine sediment	decarb. sediment	0–10 μ m	MIS1	30.07	0.5119	-13.90	-17.57	15.30	2834	Meyer et al. (2011)	Literature search

GIK 12379	Atlantic Ocean	E Atlantic	Cape Barbas	marine sediment	decarb. sediment	0–10 μ m	P	33.80	0.5119	-14.20	-18.75	23.14	2136	Meyer et al. (2011)	Hemming
MC12	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.83	-166.96	72.43	51	Asahara et al. (2012)	Literature search
MC16	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5121	-9.58	-168.00	68.50	54	Asahara et al. (2012)	Literature search
MC18	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.63	-169.00	64.00	35	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.92	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.46	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.80	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC19	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.60	-167.50	63.00	33	Asahara et al. (2012)	Literature search
MC21	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.68	-172.00	62.00	56	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.53	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.19	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC22	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.01	-176.00	62.01	98	Asahara et al. (2012)	Literature search
MC24	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.28	-179.42	60.26	851	Asahara et al. (2012)	Tachikawa/Literature search
MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-7.87	-179.46	60.07	1158	Asahara et al. (2012)	Literature search
MC29	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.75	-167.50	58.50	51	Asahara et al. (2012)	Literature search
MC30	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.96	-172.00	58.50	101	Asahara et al. (2012)	Literature search
MC31	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.48	-170.00	58.38	74	Asahara et al. (2012)	Literature search
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.96	-167.50	57.00	77	Asahara et al. (2012)	Literature search
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5126	-1.58	-167.50	57.00	77	Asahara et al. (2012)	Literature search
IODP_U14 29	Pacific Ocean	W Pacific	South China Sea	marine sediment	detrital residue	30–63 μ m	MIS1	16,2	0.51223 0	-5.60	129.00	31.62	732	Beny et al. (2018)	Du/External contribution

ELT47 2-1 PC 14-16	Antarctica	E Antarctica	Kerguelen Plateau	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.00	80.82	-59.70	860	Cook, Martin et al. unpub.	author contribution
IO1277 17 PC 13-15	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.70	14.58	-61.98	4998	Cook, Martin et al. unpub.	author contribution
GC-95/2	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5118	-15.40	126.25	-12.55	81	Ehlert et al. (2011)	External contribution
GC-95/20	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5118	-16.60	111.83	-24.74	841	Ehlert et al. (2011)	External contribution
GC-95/4	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-12.30	122.03	-13.92	470	Ehlert et al. (2011)	External contribution
GC-96/26	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-12.30	115.52	-16.90	1958	Ehlert et al. (2011)	External contribution
SHIP-9017	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-8.60	128.28	-8.99	3294	Ehlert et al. (2011)	External contribution
SHIP-9026	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.60	118.09	-9.88	2466	Ehlert et al. (2011)	External contribution
SHIP-9028	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5126	-0.80	114.96	-10.52	2107	Ehlert et al. (2011)	External contribution
SHIP-9033	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-11.90	112.69	-10.02	2434	Ehlert et al. (2011)	External contribution
ODP 646	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	30	0.5121	-10.70	-48.37	58.21	3460	Fagel and Hillaire- Marcel (2006)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	18	0.5121	-10.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5121	-10.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	20	0.5121	-10.20	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5121	-11.30	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5121	-11.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.512	-12.00	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.512	-12.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	25	0.512	-12.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution

MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	20	0.5119	-14.00	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.5119	-14.90	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	20	0.5118	-15.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	18	0.512	-12.80	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5119	-14.00	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	27	0.5117	-18.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5119	-13.70	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU90023-101	Atlantic Ocean	N Atlantic	West Basin, Hudson Strait	marine sediment	decarb. sediment	<63	MIS1	0.00	0.5112	-28.20	-74.30	63.05	389	Farmer et al. (2003)	Hemming
HU91-045-085	Atlantic Ocean	NW Atlantic	Charlie Gibbs Fracture Zone	marine sediment	decarb. sediment	<2 μ m	MIS1	19.15	0.51207	-11.00	-38.64	53.98	3603	Innocent et al. (1997)	Hemming
KK75-PCOD03	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51210	-10.50	169.08	33.37	5736	Jones et al. (1994)	External contribution
Y70-1-23MG	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51231	-6.30	174.28	45.32	7155	Jones et al. (1994)	External contribution
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	22.40	0.512	-12.60	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	20.10	0.512	-11.70	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	17.70	0.512	-12.50	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
PS78/217-1	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.90	97.69	89.96	4122	Meinhardt et al. (2016)	Tachikawa
ELT42-09	Southern Ocean	W Antarctica	Antarctic Peninsula	marine sediment	detrital residue	<63 μ m	P	55.10	0.51242 0	-4.30	-80.40	-69.99	567	Roy et al. (2007)	Literature search
RC17-51	Southern Ocean	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	P	30.90	0.51165 5	-19.20	60.68	-65.65	3676	Roy et al. (2007)	Literature search
BC369	Southern Ocean	W Antarctica	Bellingshausen	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5124	-5.44	-82.86	-71.58	587	Simoes-Perreira et al. (2018)	Cook-Williams

BC407	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.62	-115.24	-73.21	815	Simoës-Perreira et al. (2018)	Cook-Williams
BC412	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	63 μ m-2mm	P	NA	0.5125	-2.76	-115.86	-73.92	1128	Simoës-Perreira et al. (2018)	Cook-Williams
BC442	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5125	-3.37	-113.01	-71.68	608	Simoës-Perreira et al. (2018)	Cook-Williams
BC455	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	>150 μ m	P	NA	0.5124	-4.34	-105.08	-71.07	807	Simoës-Perreira et al. (2018)	Cook-Williams
BC482	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.67	-106.27	-73.89	1113	Simoës-Perreira et al. (2018)	Cook-Williams
BC485	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5124	-4.16	-107.29	-72.73	692	Simoës-Perreira et al. (2018)	Cook-Williams
DF83-III BC26A	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	>63 μ m	P	NA	0.5121	-10.58	-155.62	-76.95	1353	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0001 KC24	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5127	0.43	-113.18	-74.17	301	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0001 PC14	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 μ m	P	NA	0.5127	0.32	-128.32	-73.11	591	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9601 PC12	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-10.95	-152.85	-76.74	881	Simoës-Perreira et al. (2018)	Cook-Williams
PD88111 Grab37	Southern Ocean	W Antarctica	Antartic Peninsula	marine sediment	detrital residue	NA	P	NA	0.5127	1.69	-63.97	-65.14	240	Simoës-Perreira et al. (2018)	External contribution
PD88111 Grab41	Southern Ocean	W Antarctica	Antartic Peninsula	marine sediment	detrital residue	NA	P	NA	0.5127	1.57	-64.09	-65.23	200	Simoës-Perreira et al. (2018)	External contribution
DSDP 598	Pacific Ocean	Central Pacific	NA	marine sediment	detrital residue	<63 μ m	P	NA	0.5123	-5.81	-124.68	-19.00	3699	Stancin et al. (2008)	External contribution
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	31.4	0.5117	-17.90	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search

MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	31.1	0.5118	-16.00	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
EW9504_1 7PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5125	-2.10	-125.89	42.24	2671	VanLaningham et al. (2008)	External contribution
EW9504_1 7PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5125	-1.80	-125.89	42.24	2671	VanLaningham et al. (2008)	External contribution
GeoB1622 4-1	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	NA	#####	-11.62	-52.08	6.66	2510	Zang et al. (2015)	Hemming
GIK 13588	Atlantic Ocean	E Atlantic	Banc D'Arguin	marine sediment	decarb. sediment	0–10 μ m	MIS1	6.33	0.5119	-14.20	-17.15	19.38	1000	Meyer et al. (2011)	Literature search
GIK 13588	Atlantic Ocean	E Atlantic	Banc D'Arguin	marine sediment	decarb. sediment	0–10 μ m	P	38.65	0.5119	-14.40	-17.15	19.38	1000	Meyer et al. (2011)	Hemming
SK_157_1 4	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	<150 μ m	MIS1	NA	0.5119	-15.14	90.10	5.19	3306	Ahmad et al. (2005)	Du / External contribution
MC18	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.5123	-6.66	-169.00	64.00	35	Asahara et al. (2012)	Tachikawa/Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.30	11.00	-5.50	914	Bayon et al. (2012)	Literature search
U1361	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	#####	-11.50	143.89	-64.41	NA	Cook et al. (2013)	Cook-Williams
ELT47 10 PC 13-15	Antarctica	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5115	-21.70	83.99	-63.95	3636	Cook, Martin et al. unpub.	author contribution
ELT50 17 PC 17-19 REP	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-13.50	120.05	-63.00	4138	Cook, Martin et al. unpub.	author contribution
ELT54 1 PC 34-36	Southern Ocean	Indian sector	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5125	-2.70	86.19	-48.11	3912	Cook, Martin et al. unpub.	author contribution
IO1277 25 PC 10-12	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-11.60	10.96	-68.08	2015	Cook, Martin et al. unpub.	author contribution
IO1277 31 PC 14-16	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5121	-11.40	4.15	-62.02	5240	Cook, Martin et al. unpub.	author contribution
ODP 744 1H 1W 22-24	Antarctica	E Antarctica	Kerguelen Plateau	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5122	-8.80	80.59	-61.57	2307	Cook, Martin et al. unpub.	author contribution
MD 73004	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5123	-7.20	61.39	-4.58	3430	Dia et al (1992)	External contribution
MD 75061	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.20	85.46	-24.28	4680	Dia et al (1992)	External contribution

MD 77159	Indian Ocean	Central Indian	Submarine fan	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.90	89.48	-0.06	4257	Dia et al (1992)	External contribution
MD 79272	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5122	-8.40	48.27	-30.40	4447	Dia et al (1992)	External contribution
MD 80302	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5117	-18.90	66.24	-63.41	3860	Dia et al (1992)	External contribution
BARP-943 1	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5121	-10.40	96.24	1.74	3235	Ehlert et al. (2011)	External contribution
GC-95/11	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.512	-13.00	115.00	-17.64	2458	Ehlert et al. (2011)	External contribution
GC-96/16	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.90	111.51	-12.19	2714	Ehlert et al. (2011)	External contribution
SHIP-9013	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5123	-6.60	125.09	-6.43	1850	Ehlert et al. (2011)	External contribution
SHIP-9022	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-9.10	122.06	-11.59	2313	Ehlert et al. (2011)	External contribution
SHIP-9040	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5127	0.70	107.46	-7.69	700	Ehlert et al. (2011)	External contribution
ODP 646	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	20	0.5119	-14.00	-48.37	58.21	3460	Fagel and Hillaire-Marcel (2006)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	28	0.5121	-9.60	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5121	-10.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	28	0.5122	-9.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	16	0.5121	-10.60	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5121	-10.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	29	0.512	-11.90	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	32	0.5121	-10.80	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5117	-18.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
JM 96 68	Atlantic Ocean	N Atlantic	Norwegian Sea	marine sediment	decarb. sediment	<63	MIS1	32.20	0.5121	-11.40	13.00	74.17	2042	Farmer et al. (2003)	Hemming
HU90-013-027	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	31.33	0.51179	-16.60	-57.12	58.76	3032	Innocent et al. (1997)	Hemming

TT49-18AC	Pacific Ocean	NW Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51237	-5.20	150.02	41.02	5185	Jones et al. (1994)	External contribution
JM06-WP-16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	20.60	0.512	-12.60	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
C.90105-O/2.5	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	46	0.512	-11.90	-49.00	2.00	NA	Parra et al. (1997)	External contribution
ELT05-22	Southern Ocean	W Antarctica	Antarctic Peninsula	marine sediment	detrital residue	<63 μ m	P	40.70	0.51268 5	0.92	-70.25	-65.95	373	Roy et al. (2007)	Literature search
ELT11-19	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	<63 μ m	P	55.10	0.51247 0	-3.28	-99.25	-70.42	3808	Roy et al. (2007)	Literature search
ELT33-11	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	<63 μ m	P	58.10	0.51250 2	-2.65	-122.26	-70.10	3639	Roy et al. (2007)	Literature search
ELT37-13	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	74.60	0.51187 6	-14.90	132.98	-64.67	1333	Roy et al. (2007)	Literature search
BC451	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m-2mm	P	NA	0.5124	-4.07	-106.04	-71.87	568	Simoës-Perreira et al. (2018)	Cook-Williams
BC459	Southern Ocean	W Antarctica	Bellingshausen	marine sediment	detrital residue	>150 μ m	P	NA	0.5123	-6.18	-86.25	-70.61	676	Simoës-Perreira et al. (2018)	Cook-Williams
BC476	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-6.03	-104.42	-74.48	1120	Simoës-Perreira et al. (2018)	Cook-Williams
NBP0001-PC22	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.35	-115.46	-74.06	1171	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9601-JTC11	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-11.47	-155.44	-76.78	392	Simoës-Perreira et al. (2018)	Cook-Williams
NBP9902-TC23	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	NA	P	NA	0.5127	0.57	-127.86	-73.78	726	Simoës-Perreira et al. (2018)	Cook-Williams
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	27.5	0.5116	-19.70	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
MD95-2002	Atlantic Ocean	N Atlantic	Bay of Biscaye	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-11.70	-8.45	47.45	2174	Toucanne et al 2015 QSR	Literature search
EW9504_1-7PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	P	NA	0.5125	-2.50	-125.89	42.24	2671	VanLaningham et al. (2008)	Du/External contribution

EW9504_1 7PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5125	-2.10	-125.89	42.24	2671	VanLaningha m et al. (2008)	External contribution
GeoB 9508	Atlantic Ocean	E Atlantic	Senegal	marine sediment	decarb. sediment	0-10 μ m	P	14.32	0.5119	-14.00	-17.57	15.30	2834	Meyer et al. (2011)	Hemming
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5126	2.37	-166.23	55.77	130	Asahara et al. (2012)	Literature search
MD96- 2098	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	12.00	0.51197	-12.95	12.63	-25.60	2910	Bayon et al. (2004, 2009)	Tachikawa
ELT50 12 PC 16-18	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-13.20	129.98	-63.01	4223	Cook, Martin et al. unpub.	author contribution
ELT50 17 PC 17-19	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-13.10	120.05	-63.00	4138	Cook, Martin et al. unpub.	author contribution
ODP 689 1H 1W 39- 42	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5121	-9.60	3.10	-65.52	2080	Cook, Martin et al. unpub.	author contribution
MD 79272	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5121	-10.10	48.27	-30.40	4447	Dia et al (1992)	External contribution
MD 79294	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.70	85.46	-28.54	4386	Dia et al (1992)	External contribution
BARP-944 0	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-8.20	100.02	-3.17	1495	Ehlert et al. (2011)	External contribution
FR10/95_G C19	Indian Ocean	NA	NA	marine sediment	decarb. Sediment	<2 μ m	MIS1	NA	0.5122	-7.90	121.03	-14.01	2452	Ehlert et al. (2011)	External contribution
GC-95/22	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5118	-16.40	112.01	-26.99	1049	Ehlert et al. (2011)	External contribution
GC-96/19	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-7.90	114.28	-12.38	3355	Ehlert et al. (2011)	External contribution
SHIP-9048	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-8.20	107.66	-5.54	43	Ehlert et al. (2011)	External contribution
ODP 646	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	20	0.5121	-10.50	-48.37	58.21	3460	Fagel and Hillaire- Marcel (2006)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	28	0.5122	-9.30	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5121	-9.80	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	18	0.5121	-10.60	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.80	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution

RP20C72-01GC	Pacific Ocean	NW Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51249	-2.90	139.98	21.30	4699	Jones et al. (1994)	External contribution
RP20C72-04GC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51212	-10.10	156.20	24.83	5262	Jones et al. (1994)	External contribution
TT49-16AC	Pacific Ocean	NW Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51223	-8.00	150.00	34.93	6035	Jones et al. (1994)	External contribution
Y70-1-12MG1	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51221	-8.40	-157.42	45.07	5372	Jones et al. (1994)	External contribution
PS78/225-4	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-11.00	-157.73	87.65	2314	Meinhardt et al. (2016)	Tachikawa
RC14 -105	Pacific Ocean	NW Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5127	0.90	157.30	39.40	NA	Nakai et al. (1993)	External contribution
V32-128	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.40	177.20	36.50	NA	Nakai et al. (1993)	External contribution
50	Atlantic Ocean	W Atlantic	Trinidad island	marine sediment	detrital residue	NA	P	46.6	0.5212	-12.10	-61.00	10.50	NA	Parra et al. (1997)	External contribution
RC17-56	Southern Ocean	E Antarctica	Dronning Maud	marine sediment	detrital residue	<63 μ m	P	19.70	0.51174 9	-17.30	36.72	-65.40	4794	Roy et al. (2007)	Literature search
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	P	28.2	0.5117	-19.20	-55.62	44.66	1,400	Stevenson et al. (2008)	Hemming
EW9504_17PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5126	-1.70	-125.89	42.24	2671	VanLaningha m et al. (2008)	External contribution
GeoB1621-2-3	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	33.504	#####	-11.15	-49.39	3.10	75	Zang et al. (2015)	Hemming
GeoB 4223	Atlantic Ocean	Atlantic Ocean	Agadir Canyon	marine sediment	decarb. sediment	0–10 μ m	MIS1	39.68	0.512	-11.60	-12.28	29.01	775	Meyer et al. (2011)	Literature search
GeoB 4223	Atlantic Ocean	Atlantic Ocean	Agadir Canyon	marine sediment	decarb. sediment	0–10 μ m	P	45.02	0.5121	-11.30	-12.28	29.01	775	Meyer et al. (2011)	Hemming
SK_157_14	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	<150 μ m	MIS1	NA	0.5118	-15.76	90.10	5.19	3306	Ahmad et al. (2005)	Du / External contribution
MC24	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.05	-179.42	60.26	851	Asahara et al. (2012)	Literature search
MC24	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.05	-179.42	60.26	851	Asahara et al. (2012)	Tachikawa/Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.30	11.00	-5.50	914	Bayon et al. (2012)	Literature search
ELT50 14 PC 16-18	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.90	105.63	-61.37	4346	Cook, Martin et al. unpub.	author contribution
ELT54 3PC 16-18 REP	Antarctica	E Antarctica	Kerguelen Plateau	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5122	-8.70	77.83	-57.42	1924	Cook, Martin et al. unpub.	author contribution

IO1277 20 PC 14-16	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-15.50	15.74	-65.00	3886	Cook, Martin et al. unpub.	author contribution
IO1277 37 PC 33-35	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-14.00	-0.67	-66.50	4473	Cook, Martin et al. unpub.	author contribution
ODP 1167 1H 1W 21- 23	Antarctica	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5115	-22.30	72.25	-66.40	1640	Cook, Martin et al. unpub.	author contribution
GC-96/10	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.512	-11.80	108.51	-24.46	2852	Ehlert et al. (2011)	External contribution
SHIP-9001	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5124	-4.40	103.20	-6.19	1348	Ehlert et al. (2011)	External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5121	-9.70	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU77027- 002TWC	Atlantic Ocean	N Atlantic	Northern Baffin Bay	marine sediment	decarb. sediment	<63	MIS1	10.70	0.5115	-23.10	-72.12	69.00	1646	Farmer et al. (2003)	Jeandel
HU90023- 101	Atlantic Ocean	N Atlantic	West Basin, Hudson Strait	marine sediment	decarb. sediment	<63	MIS1	13.20	0.5112	-28.10	-74.30	63.05	389	Farmer et al. (2003)	Hemming
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.30	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.70	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-8.50	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
HU91-045- 056	Atlantic Ocean	NW Atlantic	Irminger Basin	marine sediment	decarb. sediment	<2 μ m	MIS1	36.62	0.51218	-8.90	-36.13	59.63	3025	Innocent et al. (1997)	Hemming
PS78/248-4	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.00	149.99	84.68	1611	Meinhardt et al. (2016)	Tachikawa
1	Atlantic Ocean	W Atlantic	Trinidad island	marine sediment	detrital residue	NA	P	17.5	0.5122	-10.20	-61.00	10.50	NA	Parra et al. (1997)	External contribution
EW9504_1 7PC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	20-63 μ m	MIS1	NA	0.5125	-1.80	-125.89	42.24	2671	VanLaningha m et al. (2008)	External contribution
GeoB1622 3-2	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	34.182	#####	-11.04	-52.12	6.63	2253	Zang et al. (2015)	Hemming
MC23	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.36	-179.46	60.16	1004	Asahara et al. (2012)	Literature search

MC29	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.28	-167.50	58.50	51	Asahara et al. (2012)	Literature search
MC33	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5128	3.67	-166.23	55.77	130	Asahara et al. (2012)	Literature search
ELT47 5 PC 13-15	Antarctica	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5114	-23.50	80.42	-65.54	2948	Cook, Martin et al. unpub.	author contribution
IO1277 26 PC 13-15	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-14.80	9.18	-65.03	4658	Cook, Martin et al. unpub.	author contribution
IO1277 30 PC 12-14	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.00	6.12	-60.02	1170	Cook, Martin et al. unpub.	author contribution
IO1277 39B PC 14-16	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-15.50	-3.09	-68.49	230	Cook, Martin et al. unpub.	author contribution
ODP 646	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	16	0.5121	-9.90	-48.37	58.21	3460	Fagel and Hillaire-Marcel (2006)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	17	0.5121	-10.20	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22	0.5119	-14.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU90023-101	Atlantic Ocean	N Atlantic	West Basin, Hudson Strait	marine sediment	decarb. sediment	<63	MIS1	16.90	0.5112	-28.90	-74.30	63.05	389	Farmer et al. (2003)	Hemming
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.10	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
Y70-1-21MG1A	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51219	-8.80	180.00	45.10	5635	Jones et al. (1994)	External contribution
SK_168/G C_01	Indian Ocean	NE Indian	Andaman Sea	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.82	94.48	11.70	2064	Miriyala et al. (2017)	External contribution
KS 8582-41/42	Atlantic Ocean	W Atlantic	South-Barbados prism	marine sediment	detrital residue	NA	P	36.3	0.5121	-11.20	-59.00	13.00	NA	Parra et al. (1997)	External contribution
NBP9802-2H	Southern Ocean	W Antarctica	Ross Sea	marine sediment	detrital residue	<63 μ m	P	NA	0.51226 2	-7.30	176.96	-73.54	600	Roy et al. (2007)	Literature search
MD-2033	Atlantic Ocean	NW Atlantic	Canadian margin	marine sediment	bulk	< 63 μ m	MIS1	32.1	0.5118	-16.20	-55.62	44.66	1,400	Stevenson et al. (2008)	Literature search
GeoB 4223	Atlantic Ocean	Atlantic Ocean	Agadir Canyon	marine sediment	decarb. sediment	10–40 μ m	P	28.35	0.5121	-11.00	-12.28	29.01	775	Meyer et al. (2011)	Literature search

GeoB 7920	Atlantic Ocean	E Atlantic	Cape Blanc	marine sediment	decarb. sediment	0–10 μ m	P	17.40	0.5119	-14.80	-18.34	20.45	2278	Meyer et al. (2011)	Hemming
GeoB 9508	Atlantic Ocean	E Atlantic	Senegal	marine sediment	decarb. sediment	10–40 μ m	P	12.24	0.5119	-14.80	-17.57	15.30	2834	Meyer et al. (2011)	Literature search
GIK 12379	Atlantic Ocean	E Atlantic	Cape Barbas	marine sediment	decarb. sediment	0–10 μ m	MIS1	9.41	0.5118	-15.40	-18.75	23.14	2136	Meyer et al. (2011)	Literature search
MD96-2085	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	bulk	P	21.60	0.51205	-11.39	12.93	-29.70	3001	Bayon et al. (2004, 2009)	SedDB
ELT47 14 PC 15-17	Antarctica	E Antarctica	Prydz Bay	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-15.90	71.27	-61.11	4229	Cook, Martin et al. unpub.	author contribution
ELT49 30 PC 15-17	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-16.30	95.23	-59.01	4341	Cook, Martin et al. unpub.	author contribution
ELT49 9 PC 16-18	Southern Ocean	Indian sector	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-11.90	90.10	-43.89	3057	Cook, Martin et al. unpub.	author contribution
IO1176 73 PC 33-35	Southern Ocean	Atlantic sector	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5124	-3.80	1.08	-53.52	5229	Cook, Martin et al. unpub.	author contribution
IO1277 34 PC 25-27	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-14.40	1.55	-64.48	2679	Cook, Martin et al. unpub.	author contribution
IODP U1360 1R 1W 0-8	Antarctica	E Antarctica	Adelie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5118	-16.80	142.75	-66.30	525	Cook, Martin et al. unpub.	author contribution
ODP 690 1H 1W 21-23	Antarctica	E Antarctica	Drowning Maud Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5119	-14.00	1.20	-65.11	2914	Cook, Martin et al. unpub.	author contribution
MD 77157	Indian Ocean	Central Indian	Ridge	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.20	90.02	-4.48	4833	Dia et al. (1992)	External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	16	0.5121	-10.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
KNR140 12JPC	Atlantic Ocean	NE Atlantic	Blake Ridge	marine sediment	detrital residue	NA	MIS1	24.83	0.5119	-15.00	-72.90	29.07	4250	Gutjahr et al. (2007)	Tachikawa
KNR140 51GGC	Atlantic Ocean	NE Atlantic	Blake Ridge	marine sediment	detrital residue	NA	MIS1	17.30	0.5121	-11.00	-76.29	32.78	1790	Gutjahr et al. (2007)	Tachikawa
PS78/211-1	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.90	61.05	87.60	4026	Meinhardt et al. (2016)	Tachikawa
C.90119- O/2.5	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	92.5	0.512	-12.25	-49.00	2.00	NA	Parra et al. (1997)	External contribution
ELT50-16	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	48.30	0.51192 7	-13.90	114.81	-61.04	4301	Roy et al. (2007)	Literature search
IO1277-25	Southern Ocean	E Antarctica	Dronning Maud	marine sediment	detrital residue	<63 μ m	P	65.40	0.51207 4	-11.00	10.97	-68.61	2015	Roy et al. (2007)	Hemming/Cook-Williams

MD95-2002	Atlantic Ocean	N Atlantic	Bay of Biscaye	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5121	-11.10	-8.45	47.45	2174	Toucanne et al 2015 QSR	Hemming
GeoB1621 6-3	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	24.580	#####	-11.41	-51.26	6.24	2833	Zang et al. (2015)	Hemming
MC13	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-8.89	-166.00	72.00	46	Asahara et al. (2012)	Literature search
ELT50 10 PC 9-11	Southern Ocean	Indian sector	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.80	104.93	-53.97	3711	Cook, Martin et al. unpub.	author contribution
ELT50 18 PC 15-17 REP	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.70	119.97	-64.43	3146	Cook, Martin et al. unpub.	author contribution
ELT54 3PC 16-18	Antarctica	E Antarctica	Kerguelen Plateau	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5122	-9.40	77.83	-57.42	1924	Cook, Martin et al. unpub.	author contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	P	NA	#####	-0.99	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	P	NA	#####	-0.40	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.36	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.59	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	0.01	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.77	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-1.03	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.76	-144.15	59.56	682	Du et al. (2018)	Du/External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.73	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.79	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-1.20	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-1.04	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.68	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-1.04	-144.15	59.56	682	Du et al. (2018)	External contribution

EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	0.18	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.34	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	0.36	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-85JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.04	-144.15	59.56	682	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.50	-144.50	58.77	3680	Du et al. (2018)	Du/External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.45	-144.50	58.77	3680	Du et al. (2018)	Du/External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.86	-144.50	58.77	3680	Du et al. (2018)	Du/External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.69	-144.50	58.77	3680	Du et al. (2018)	Du/External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.38	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.92	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.06	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.50	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.42	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.38	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.61	-144.50	58.77	3680	Du et al. (2018)	External contribution
EW0408-87JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	MIS1	NA	#####	-0.39	-144.50	58.77	3680	Du et al. (2018)	External contribution
GC-95/14	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5118	-16.90	112.66	-20.05	997	Ehlert et al. (2011)	External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	P	29	0.5122	-9.30	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	21	0.512	-13.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.5121	-9.50	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
C.90115-O/2.5	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	11.9	0.5106	-12.30	-49.00	2.00	NA	Parra et al. (1997)	External contribution

GeoB1620 5-4	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	13.317	#####	-16.69	-43.10	-1.35	1955	Zang et al. (2015)	Hemming
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.83	-167.50	57.00	77	Asahara et al. (2012)	Literature search
MC32	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-3.61	-167.50	57.00	77	Asahara et al. (2012)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.10	11.00	-5.50	914	Bayon et al. (2012)	Literature search
IODP U1358 1R 1W 18-22	Antarctica	E Antarctica	Adelie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.5117	-19.20	143.31	-66.09	499	Cook, Martin et al. unpub.	author contribution
MD 73023	Indian Ocean	Central Indian	Abyssal plain	marine sediment	decarb. sediment	NA	P	NA	0.5126	0.06	51.19	-63.41	3925	Dia et al (1992)	External contribution
GC-96/21	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	<2 μ m	P	NA	0.5122	-9.00	114.27	-14.81	2919	Ehlert et al. (2011)	External contribution
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	24	0.5119	-15.10	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
HU90-013- 020	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	22.33	0.51177	-17.00	-59.00	59.00	2865	Innocent et al. (1997)	Jeandel
ELT11-17	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	<63 μ m	P	38.10	0.51240 0	-4.64	-106.64	-70.17	3456	Roy et al. (2007)	Literature search
BC361	Southern Ocean	W Antarctica	Bellingsha usen	marine sediment	detrital residue	>150 μ m	P	NA	0.5124	-4.80	-76.55	-71.99	633	Simoes- Perreira et al. (2018)	Cook-Williams
MC25	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	P	NA	0.5123	-7.58	-179.46	60.07	1158	Asahara et al. (2012)	Literature search
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	18	0.5121	-10.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
RP20C72- 11GC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51208	-11.00	170.95	28.12	5983	Jones et al. (1994)	External contribution
GeoB1620 3-1	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	8.816	#####	-16.42	-41.72	-2.04	1591	Zang et al. (2015)	Hemming
GeoB1621 7-2	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	32.237	#####	-11.02	-51.29	6.07	2440	Zang et al. (2015)	Hemming
ELT50 18 PC 15-17	Antarctica	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	0.512	-12.60	119.97	-64.43	3146	Cook, Martin et al. unpub.	author contribution
MD 80304	Indian Ocean	Central Indian	Aseismic ridge	marine sediment	decarb. sediment	NA	P	NA	0.5124	-4.90	67.45	-51.05	1950	Dia et al (1992)	External contribution
ELT05-20	Southern Ocean	W Antarctica	Antarctic Peninsula	marine sediment	detrital residue	<63 μ m	P	38.10	0.51246 9	-3.30	-74.78	-67.18	2926	Roy et al. (2007)	Literature search
GeoB1621 1-3	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	18.763	#####	-9.07	-49.35	2.88	56	Zang et al. (2015)	Hemming

GeoB1621 8-4	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	39.680	#####	-10.61	-51.52	4.77	41	Zang et al. (2015)	Hemming
MC16	Pacific Ocean	N Pacific	Chukchi Sea	marine sediment	detrital residue	NA	P	NA	0.5122	-9.48	-168.00	68.50	54	Asahara et al. (2012)	Literature search
KZA1-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	bulk	NA	MIS1	NA	0.5118	-16.10	11.00	-5.50	914	Bayon et al. (2012)	Literature search
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	18	0.5121	-10.50	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
Y74-2- 35MG3	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51208	-10.90	129.33	22.58	4647	Jones et al. (1994)	External contribution
GeoB1621 9-2	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	35.613	#####	-8.96	-51.52	4.75	38	Zang et al. (2015)	Hemming
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-8.60	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
HU90-013- 017	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	37.78	0.51219	-8.70	-48.36	58.21	3380	Innocent et al. (1997)	Hemming
KS_87106	Atlantic Ocean	W Atlantic	Barbados accretionn ary prism	marine sediment	detrital residue	NA	MIS1	12.6	0.5121	-10.50	-57.53	12.42	3780	Parra et al. (1997)	Du/External contribution
GeoB1622 2-1	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	19.566	#####	-10.28	-51.69	6.16	1749	Zang et al. (2015)	Hemming
MD96- 2086	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	26.00	0.5121	-10.12	12.13	-25.81	3606	Bayon et al. (2002)	Literature search
MD 73022	Indian Ocean	Central Indian	Ridge	marine sediment	decarb. sediment	NA	P	NA	0.5122	-7.40	50.33	-38.42	3680	Dia et al (1992)	External contribution
Y74-3- 69MG4	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51209	-10.80	151.02	33.43	5524	Jones et al. (1994)	External contribution
GeoB1620 4-2	Atlantic Ocean	SW Atlantic	NE Brazil	marine sediment	bulk	NA	MIS1	8.308	#####	-17.46	-42.34	-2.00	1211	Zang et al. (2015)	Hemming
HU91-045- 071	Atlantic Ocean	NW Atlantic	Iceland Basin	marine sediment	decarb. sediment	<2 μ m	MIS1	19.57	0.51256	-1.50	-28.74	58.94	2237	Innocent et al. (1997)	Hemming
JM06-WP- 16-MC	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	0.512	-13.00	16.92	79.90	2546	Maccali et al. (2013)	Tachikawa
MD99- 2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	29	0.5121	-10.30	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
KODOS02 _01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-8.80	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
Vinogradov v19- 17GGC	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.51283	3.80	165.02	53.70	3960	Jones et al. (1994)	External contribution

KS 8583-2711273	Atlantic Ocean	W Atlantic	South-Barbados prism	marine sediment	detrital residue	NA	P	31.5	0.512	-12.20	-59.00	13.00	NA	Parra et al. (1997)	External contribution
KS_87106	Atlantic Ocean	W Atlantic	Barbados accretionary prism	marine sediment	detrital residue	NA	MIS1	20.6	0.5121	-9.60	-57.53	12.42	3780	Parra et al. (1997)	Du/External contribution
HU77027-002PC	Atlantic Ocean	N Atlantic	Northern Baffin Bay	marine sediment	decarb. sediment	<63	MIS1	15.80	0.5115	-21.70	-69.76	74.51	1646	Farmer et al. (2003)	Hemming
MC18	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	P	NA	0.5123	-7.08	-169.00	64.00	35	Asahara et al. (2012)	Tachikawa/Literature search
MD99-2227	Atlantic Ocean	NW Atlantic	Labrador Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	19	0.5118	-16.40	-48.37	58.21	3460	Fagel et al. (2004)	Du/External contribution
B.8704-1	Atlantic Ocean	W Atlantic	Amazon	marine sediment	detrital residue	NA	P	25.8	0.512	-12.00	-51.00	1.00	NA	Parra et al. (1997)	External contribution
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.80	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.90	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.20	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
Delta clay sediment	Atlantic Ocean	W Atlantic	Orinoco	marine sediment	detrital residue	NA	P	22.9	0.5119	-13.40	-61.50	8.00	NA	Parra et al. (1997)	External contribution
ELT50-18	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	47.80	0.512006	-12.30	119.98	-64.43	3120	Roy et al. (2007)	Literature search
MD 73028	Indian Ocean	Central Indian	Aseismic ridge	marine sediment	decarb. sediment	NA	P	NA	0.5123	-6.80	61.47	-49.26	2650	Dia et al. (1992)	External contribution
NBP9802-4H	Southern Ocean	W Antarctica	Ross Sea	marine sediment	detrital residue	<63 μ m	P	NA	0.512498	-2.70	170.08	-64.20	2685	Roy et al. (2007)	Literature search
KODOS02_01_02	Pacific Ocean	Central Eq. Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.50	-125.98	16.20	4550	Hyeong et al. (2011)	Du/External contribution
JM 96-1207	Atlantic Ocean	N Atlantic	East Greenland shelf	marine sediment	decarb. sediment	NA	MIS1	NA	0.5124	-3.80	-29.35	68.10	404	Farmer et al. (2003)	Hemming
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	detrital residue	NA	MIS1	34.5	0.511800	-16.31	11.00	-5.50	914	Bayon et al. (2009)	Literature search
JM96-1216	Atlantic Ocean	N Atlantic	Outer trough	marine sediment	decarb. sediment	< 63	MIS1	16.6	0.512353	-5.60	-30.63	65.96	NA	Verplanck et al. (2009)	External contribution
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	detrital residue	NA	MIS1	40	0.511799	-16.33	11.00	-5.50	914	Bayon et al. (2009)	Literature search
KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	detrital residue	NA	MIS1	32.6	0.511812	-16.07	11.00	-5.50	914	Bayon et al. (2009)	Literature search

KZAI-01	Atlantic Ocean	SE Atlantic	Congo Fan	marine sediment	detrital residue	NA	MIS1	41.6	0.51181 3	-16.05	11.00	-5.50	914	Bayon et al. (2009)	Literature search
HU91-045-052PC	Atlantic Ocean	N Atlantic	Irminger Basin	marine sediment	decarb. sediment	< 63	MIS1	16.9	0.51197 7	-12.90	-39.31	59.49	NA	Verplanck et al. (2009)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.51197 9	-12.90	-66.63	11.33	1079	Xie et al. (2014)	External contribution
HU91-045-052PC	Atlantic Ocean	N Atlantic	Irminger Basin	marine sediment	decarb. sediment	< 63	P	16.5	0.51153 8	-21.50	-39.31	59.49	NA	Verplanck et al. (2009)	Du/External contribution
Kangerlussuaq															
Bs1191K6 A	Atlantic Ocean	N Atlantic	Fiord/Trough	marine sediment	decarb. sediment	< 63	P	19.1	0.51171 1	-18.10	-32.33	68.41	NA	Verplanck et al. (2009)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.51196 6	-13.10	-66.63	11.33	1079	Xie et al. (2014)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.51197 4	-13.00	-66.63	11.33	1079	Xie et al. (2014)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.51198 9	-12.70	-66.63	11.33	1079	Xie et al. (2014)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.51199 4	-12.60	-66.63	11.33	1079	Xie et al. (2014)	External contribution
JM96-1216	Atlantic Ocean	N Atlantic	Inner trough	marine sediment	decarb. sediment	> 63	MIS1	9	0.51220 7	-8.40	-30.63	65.96	NA	Verplanck et al. (2009)	External contribution
VM12_107	Atlantic Ocean	W Eq Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.51197 7	-12.90	-66.63	11.33	1079	Xie et al. (2014)	External contribution
Angola and Cape basins															
MD96-2087	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	15.6	0.51200 9	-12.23	13.38	-25.60	1028	Bayon et al. (2003, 2004)	Literature search
112 SL (1)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	1.29	-74.50	-38.08	4130	Lucassen et al. (2010)	Du/External contribution
113 SL (2)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	1.35	-74.17	-36.97	3182	Lucassen et al. (2010)	Du/External contribution
33 SL (1)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	2.91	-74.42	-34.74	4550	Lucassen et al. (2010)	Du/External contribution
33 SL (2)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	2.52	-74.42	-34.74	4550	Lucassen et al. (2010)	Du/External contribution
Angola and Cape basins															
MD96-2091	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	28.4	0.51151 4	-21.89	10.38	-14.88	3569	Bayon et al. (2003, 2004)	Tachikawa, Literature search
112 SL (2)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	1.19	-74.50	-38.08	4130	Lucassen et al. (2010)	Du/External contribution
113 SL (1)	Pacific Ocean	SE Pacific	Chile margin	marine sediment	decarb. sediment	NA	MIS1	NA	#####	1.40	-74.17	-36.97	3182	Lucassen et al. (2010)	Du/External contribution

SO93 105 KL	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-15.90	89.78	21.19	80	Lupker et al. (2013)	External contribution
SO93 105 KL	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-15.72	89.78	21.19	80	Lupker et al. (2013)	External contribution
SO93 105 KL	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-15.91	89.78	21.19	80	Lupker et al. (2013)	External contribution
SO93 107 KL	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-15.44	89.78	21.19	90	Lupker et al. (2013)	External contribution
SO93 107 KL	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-16.11	89.78	21.19	90	Lupker et al. (2013)	External contribution
SO93 118 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-16.11	87.75	16.54	2563	Lupker et al. (2013)	Du/External contribution
SO93 118 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-17.26	87.75	16.54	2563	Lupker et al. (2013)	Du/External contribution
SO93 118 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-15.65	87.75	16.54	2563	Lupker et al. (2013)	Du/External contribution
SO93 118 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-14.30	87.75	16.54	2563	Lupker et al. (2013)	Du/External contribution
SO93 120 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-15.30	88.00	16.50	2636	Lupker et al. (2013)	Du/External contribution
SO93 120 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-14.50	88.00	16.50	2636	Lupker et al. (2013)	Du/External contribution
SO93 120 KL	Indian Ocean	Central Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-15.30	88.00	16.50	2636	Lupker et al. (2013)	Du/External contribution
MD96- 2098	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1		0.51195 16.2 4	-13.30	12.63	-25.60	2910	Bayon et al. (2003, 2004)	Literature search
MD96- 2098	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1		0.51202 8.5 2	-11.98	12.63	-25.60	2910	Bayon et al. (2003, 2004)	Literature search
ABP51	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	4.9	0.5125	-3.60	40.08	-42.50	3,182	Anand et al. (2019)	External contribution
SK200/27	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	2.3	0.5126	-0.40	45.22	-49.01	4,377	Anand et al. (2019)	External contribution
SK 199C/01	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	22	0.5112	-28.40	75.75	9.69	87	Anand et al. (2019)	External contribution

SK199C/07	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	15.7	0.5122	-9.50	69.35	5.51	3,944	Anand et al. (2019)	External contribution
SK199C/19	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	18.7	0.5123	-7.40	63.46	-16.27	4,003	Anand et al. (2019)	External contribution
SOE 09 (1)	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	17.3	0.511	-32.70	57.02	-65.54	1,645	Anand et al. (2019)	External contribution
SOE 09 (1)	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	NA	0.5111	-30.50	57.02	-65.54	1,645	Anand et al. (2019)	External contribution
TIOA	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	22	0.5122	-8.60	65.00	0.00	3,808	Anand et al. (2019)	External contribution
2G	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	8	0.5122	-8.00	67.40	-17.10	2,875	Anand et al. (2019)	External contribution
ABP S3	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	14	0.5122	-8.50	48.00	-40.29	3,635	Anand et al. (2019)	External contribution
SK199C/04	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	13.9	0.5118	-17.10	75.39	9.41	1,516	Anand et al. (2019)	External contribution
SK199C/05	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	16.4	0.5119	-14.40	75.82	8.99	2,738	Anand et al. (2019)	External contribution
SK199C/17	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	12	0.5122	-7.90	66.01	-15.28	3,368	Anand et al. (2019)	External contribution
SK200/33	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	12.1	0.5121	-10.60	45.01	-55.01	4,185	Anand et al. (2019)	External contribution
TIOD	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	10.5	0.5122	-7.90	65.00	-15.00	3,946	Anand et al. (2019)	External contribution
ANT 2	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	10.4	0.5117	-18.80	76.05	-69.19	551	Anand et al. (2019)	External contribution

SK 199C/02	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	8.8	0.5116	-20.80	75.60	9.64	319	Anand et al. (2019)	External contribution
SK 199C/12	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	11.6	0.5122	-8.80	67.10	-4.69	3,320	Anand et al. (2019)	External contribution
SK 199C/13	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	8.8	0.5122	-8.50	67.17	-7.36	3,305	Anand et al. (2019)	External contribution
SK 199C/14	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	15.3	0.5122	-8.40	65.96	-9.18	3,373	Anand et al. (2019)	External contribution
SN2	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	NA	0.5126	0.10	57.30	-47.00	4,400	Anand et al. (2019)	External contribution
SN2	Southern Ocean	Indian sector	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	6.8	0.5126	-0.50	57.30	-47.00	4,400	Anand et al. (2019)	External contribution
SOE 09 (3)	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	11.4	0.5109	-34.80	58.40	-66.34	1,300	Anand et al. (2019)	External contribution
2G	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	7.2	0.5122	-9.20	67.40	-17.10	2,875	Anand et al. (2019)	External contribution
ABP 13A	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	6.6	0.5121	-9.70	61.02	-7.29	3,700	Anand et al. (2019)	External contribution
ANT 1	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	7	0.5115	-21.40	75.53	-69.09	721	Anand et al. (2019)	External contribution
ANT 3	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	10.7	0.5117	-18.50	76.06	-69.21	525	Anand et al. (2019)	External contribution
SK 199C/06	Indian Ocean	NE Indian	Southwest Coast of India (SWCI)	marine sediment	detrital residue	NA	P	12.1	0.512	-12.50	73.56	8.13	2,250	Anand et al. (2019)	External contribution
SO-09(4)	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	5.6	0.5109	-33.60	54.00	-4.58	525	Anand et al. (2019)	External contribution
TIOB	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	8.7	0.5121	-9.50	65.00	-5.00	4,127	Anand et al. (2019)	External contribution

TIOC	Indian Ocean	Central Indian Ridge (CIR)	NA	marine sediment	detrital residue	NA	P	6.7	0.5122	-8.90	65.00	-10.00	3,142	Anand et al. (2019)	External contribution
SK199C/10	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	5.8	0.5124	-3.80	67.88	-1.92	2,597	Anand et al. (2019)	External contribution
SK199C/16	Indian Ocean	Central Indian Ridge (CIR)	Southwest Indian Ridge (SWIR)	marine sediment	detrital residue	NA	P	3.5	0.5122	-9.10	67.14	-12.59	3,722	Anand et al. (2019)	External contribution
SOE 09 (2)	Antarctica	Indian sector	NA	marine sediment	detrital residue	NA	P	4.8	0.5113	-26.50	57.18	-66.08	1,400	Anand et al. (2019)	External contribution
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	34.3	0.5124	-5.10	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	33.4	0.5124	-5.40	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	33.6	0.5124	-5.40	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	37	0.5122	-7.80	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	35.1	0.5124	-5.60	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	34.2	0.5124	-5.40	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	35	0.5124	-4.70	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	33.2	0.5123	-6.00	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	34.1	0.5123	-6.10	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
KL23	Africa	Red Sea	NA	marine sediment	decarb. sediment	< 63 μ m	MIS1	32.7	0.5123	-5.90	35.05	24.75	702.00	Palchan et al. (2013)	Literature search
HH1200	Pacific Ocean	NE Pacific	Oregon margin	marine sediment	detrital residue	NA	P	14.73	NA	-1.86	-124.98	43.08	1216	Abbott et al. (2016)	Tachikawa
HH1200	Pacific Ocean	NE Pacific	Oregon margin	marine sediment	detrital residue	NA	P	15.96	NA	-0.78	-124.98	43.08	1216	Abbott et al. (2016)	Tachikawa
HH200	Pacific Ocean	NE Pacific	Oregon margin	marine sediment	detrital residue	NA	P	13.80	NA	-0.82	-124.90	45.87	500	Abbott et al. (2016)	Tachikawa
HH3000	Pacific Ocean	NE Pacific	Oregon margin	marine sediment	detrital residue	NA	P	17.09	NA	-1.69	-125.63	43.87	3060	Abbott et al. (2016)	Tachikawa
NGHP17	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	NA	-7.10	93.11	10.75	1350	Ali et al. (2015)	Literature search

NGHP17	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	NA	-5.80	93.11	10.75	1350	Ali et al. (2015)	Literature search
NGHP17	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	NA	-6.80	93.11	10.75	1350	Ali et al. (2015)	Literature search
NGHP17	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	NA	-6.20	93.11	10.75	1350	Ali et al. (2015)	Literature search
NGHP17	Indian Ocean	N Indian	NA	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	NA	-5.70	93.11	10.75	1350	Ali et al. (2015)	Literature search
SK-234-60	Indian Ocean	N Indian	Andaman Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5124	-5.50	94.08	12.08	2000	Awashti et al. (2014)	Du / External contribution
SK-234-60	Indian Ocean	N Indian	Andaman Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5122	-7.90	94.08	12.08	2000	Awashti et al. (2014)	Du / External contribution
SK-234-60	Indian Ocean	N Indian	Andaman Sea	marine sediment	decarb. sediment	<2 μ m	MIS1	NA	0.5124	-5.60	94.08	12.08	2000	Awashti et al. (2014)	Du / External contribution
PS75/059-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5123	-6.60	-125.43	-54.21	3613	Basak et al. (2018)	External contribution
PS75/059-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5123	-5.80	-125.43	-54.21	3613	Basak et al. (2018)	External contribution
PS75/059-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5124	-5.50	-125.43	-54.21	3613	Basak et al. (2018)	External contribution
PS75/073-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5122	-8.00	-151.61	-57.20	3234	Basak et al. (2018)	External contribution
PS75/073-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5122	-8.10	-151.61	-57.20	3234	Basak et al. (2018)	External contribution
PS75/073-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5123	-7.20	-151.61	-57.20	3234	Basak et al. (2018)	External contribution
PS75/073-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5123	-6.90	-151.61	-57.20	3234	Basak et al. (2018)	External contribution
PS75/073-2	Southern Ocean	Pacific sector	NA	marine sediment	decarb. sediment	>125 μ m	MIS1	NA	0.5123	-7.00	-151.61	-57.20	3234	Basak et al. (2018)	External contribution
VM-14-25	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	bulk	NA	P	NA	0.51254	-1.90	-61.23	-40.43	35	Basile et al. (1997) in de Mahiques et al. (2008)	Literature search
VM-15-113	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	bulk	NA	P	NA	0.51251	-2.60	-64.97	-54.17	101	Basile et al. (1997) in de Mahiques et al. (2008)	Literature search
VM-15-152	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	bulk	NA	P	NA	0.51256	-1.60	-56.70	-38.43	68	Basile et al. (1997) in de Mahiques et al. (2008)	Literature search

VM-18-59	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	bulk	NA	P	NA	0.51243	-4.00	-64.38	-48.15	104	Basile et al. (1997) in de Mahiques et al. (2008)	Literature search
VM-12-33	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	bulk	NA	P	NA	0.51247	-3.40	-63.92	-44.10	77	Basile et al. (1997) in Michaelovitch de Mahiques et al. (2007)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-5.69	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-6.97	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-7.00	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-5.01	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-4.51	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-3.64	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-2.45	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-3.62	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-3.81	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-2.10	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-4.20	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-2.27	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-2.98	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-3.01	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-1.73	29.47	31.81	NA	Bastian et al. (2016)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	<2μm	MIS1	NA	NA	-2.34	29.47	31.81	NA	Bastian et al. (2016)	Literature search

MD96-2085	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	26.1	NA	-10.90	12.93	-29.70	3001	Bayon et al. (2003, 2004)	Literature search
MD96-2085	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	25.6	NA	-11.59	12.93	-29.70	3001	Bayon et al. (2003, 2004)	Literature search
MD96-2085	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	21.5	NA	-10.92	12.93	-29.70	3001	Bayon et al. (2003, 2004)	Literature search
MD96-2091	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	22.5	NA	-20.34	10.38	-14.88	3569	Bayon et al. (2003, 2004)	Literature search
MD96-2091	Atlantic Ocean	SE Atlantic	Angola and Cape basins	marine sediment	detrital residue	NA	MIS1	25.6	NA	-21.95	10.38	-14.88	3569	Bayon et al. (2003, 2004)	Tachikawa, Literature search
ER-CS-38 Pockmark field	Atlantic Ocean	E Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.79	7.40	3.60	540	Bayon et al. (2011)	Tachikawa
ER-CS-40 Mud Volcano	Atlantic Ocean	E Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.23	7.40	3.50	680	Bayon et al. (2011)	Tachikawa
N1-KSF-01	Atlantic Ocean	E Atlantic	Gulf of Guinea	marine sediment	detrital residue	NA	P	NA	NA	-11.79	6.85	2.93	NA	Bayon et al. (2011)	Literature search
N1-KSF-01 reference area	Atlantic Ocean	E Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.79	6.40	2.70	1780	Bayon et al. (2011)	Tachikawa
N1-KSF-42	Atlantic Ocean	E Atlantic	Gulf of Guinea	marine sediment	detrital residue	NA	P	NA	NA	-11.70	6.85	2.93	NA	Bayon et al. (2011)	Literature search
N1-KSF-42 reference area	Atlantic Ocean	E Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.70	6.40	2.70	1780	Bayon et al. (2011)	Tachikawa
Amazon	America	Brazil	NA	marine sediment	detrital residue	2-63 μ m	P	NA	0.51208	-10.70	-43.39	3.10	NA	Bayon et al. (2015)	Literature search
Amazon	America	Brazil	NA	marine sediment	detrital residue	< 2 μ m	P	NA	0.51209	-10.50	-43.39	3.10	NA	Bayon et al. (2015)	Literature search
Chao Phraya	Asia	Thailand	NA	marine sediment	detrital residue	2-63 μ m	P	NA	0.51213	-9.80	100.58	13.57	NA	Bayon et al. (2015)	Literature search
Chao Phraya	Asia	Thailand	NA	marine sediment	detrital residue	< 2 μ m	P	NA	0.51221	-8.40	100.58	13.57	NA	Bayon et al. (2015)	Literature search

Congo	Africa	DRC	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51182	-15.80	11.23	-5.70	NA	Bayon et al. (2015)	Literature search
Congo	Africa	DRC	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51184	-15.50	11.23	-5.70	NA	Bayon et al. (2015)	Literature search
Danube	Europe	Romania	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51220	-8.50	29.62	45.06	NA	Bayon et al. (2015)	Literature search
Fly	Australia	PNG	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51238	-4.90	144.00	-8.67	NA	Bayon et al. (2015)	Literature search
Fly	Australia	PNG	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51243	-3.80	144.00	-8.67	NA	Bayon et al. (2015)	Literature search
Fraser	America	Canada	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51220	-8.50	-123.37	49.16	NA	Bayon et al. (2015)	Literature search
Fraser	America	Canada	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51242	-4.20	-123.37	49.16	NA	Bayon et al. (2015)	Literature search
MacKenzie	America	Canada	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51197	-13.00	-137.29	69.26	NA	Bayon et al. (2015)	Literature search
MacKenzie	America	Canada	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51201	-12.20	-137.29	69.26	NA	Bayon et al. (2015)	Literature search
Mekong	Asia	Cambodia	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51209	-10.50	105.06	10.96	NA	Bayon et al. (2015)	Literature search
Mekong	Asia	Cambodia	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51220	-8.60	105.06	10.96	NA	Bayon et al. (2015)	Literature search
Mississippi	America	USA	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51200	-12.30	-89.49	28.93	NA	Bayon et al. (2015)	Literature search
Mississippi	America	USA	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51209	-10.80	-89.49	28.93	NA	Bayon et al. (2015)	Literature search
Niger	Africa	Nigeria	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51202	-11.90	6.68	3.20	NA	Bayon et al. (2015)	Literature search
Niger	Africa	Nigeria	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51203	-11.90	6.68	3.20	NA	Bayon et al. (2015)	Literature search
Nile	Africa	Egypt	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51214	-9.60	30.38	32.51	NA	Bayon et al. (2015)	Literature search
Nile	Africa	Egypt	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51227	-7.10	30.38	32.51	NA	Bayon et al. (2015)	Literature search
Red River	Asia	Vietnam	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51197	-12.80	106.52	20.26	NA	Bayon et al. (2015)	Literature search
Red River	Asia	Vietnam	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51201	-12.20	106.52	20.26	NA	Bayon et al. (2015)	Literature search
Vistula	Europe	Poland	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.51189	-14.50	19.28	54.65	NA	Bayon et al. (2015)	Literature search
Vistula	Europe	Poland	NA	marine sediment	detrital residue	< 2 μm	P	NA	0.51189	-14.50	19.28	54.65	NA	Bayon et al. (2015)	Literature search

Yellow River	Asia	China	NA	marine sediment	detrital residue	2-63 μ m	P	NA	0.51207	-10.90	118.91	37.80	NA	Bayon et al. (2015)	Literature search
Yellow River	Asia	China	NA	marine sediment	detrital residue	< 2 μ m	P	NA	0.51203	-11.90	118.91	37.80	NA	Bayon et al. (2015)	Literature search
P362-2/33	Mediterranean Sea	Levantine Basin	Nile Delta	marine sediment	detrital residue	bulk	MIS1	NA	NA	-3.80	29.75	31.68	NA	Blanchet et al. (2014)	Own
P362-2/33	Mediterranean Sea	Levantine Basin	Nile Delta	marine sediment	detrital residue	bulk	P	NA	0.51235	-5.69	29.75	31.68	NA	Blanchet et al. (2014)	Own
64PE349-8	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	MIS1	NA	0.51209	-10.65	17.38	33.62	NA	Blanchet et al. (in prep.)	Own
64PE349-8	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	MIS1	NA	0.51206	-11.31	17.38	33.62	NA	Blanchet et al. (in prep.)	Own
64PE349-8	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	MIS1	NA	0.51213	-9.85	17.38	33.62	NA	Blanchet et al. (in prep.)	Own
64PE349-8	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	MIS1	NA	0.51207	-11.02	17.38	33.62	NA	Blanchet et al. (in prep.)	Own
64PE349-8	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	P	NA	NA	-12.73	17.38	33.62	NA	Blanchet et al. (in prep.)	Own
IODP 1302	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	P	7.91	NA	-22.43	-45.64	50.17	NA	Blaser et al. (2016)	Tachikawa
IODP 1304	Atlantic Ocean	N Atlantic	NA	marine sediment	detrital residue	NA	P	2.98	NA	-2.01	-33.53	53.06	NA	Blaser et al. (2016)	Tachikawa
IODP 1305	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	P	8.14	NA	-12.36	-48.53	57.48	NA	Blaser et al. (2016)	Tachikawa
IODP 1308	Atlantic Ocean	N Atlantic	NA	marine sediment	detrital residue	NA	P	1.68	NA	-13.58	-24.24	49.88	NA	Blaser et al. (2016)	Tachikawa
IODP 1314	Atlantic Ocean	N Atlantic	NA	marine sediment	detrital residue	NA	P	3.43	NA	-1.43	-27.89	56.36	NA	Blaser et al. (2016)	Tachikawa
ODP 1063	Atlantic Ocean	W Atlantic	NA	marine sediment	detrital residue	NA	MIS1	13.28	NA	-15.70	-57.62	33.69	NA	Blaser et al. (2016)	Tachikawa
ODP 643	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	6.02	NA	-6.38	1.03	67.72	NA	Blaser et al. (2016)	Tachikawa
ODP 659	Arctic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	6.66	NA	-14.84	-21.03	18.08	NA	Blaser et al. (2016)	Tachikawa
BC437B-1	Antarctica	Amundsen Sea embayment	NA	marine sediment	detrital residue	NA	P	25.00	NA	-2.66	-113.30	-71.65	NA	Carter12GC A	Tachikawa
GeoB7702-3	Mediterranean Sea	Levantine Basin	Eastern Levantine Basin	marine sediment	bulk	bulk	MIS1	NA	NA	-4.64	34.08	31.65	NA	Castaneda et al. (2016)	Literature search
GeoB7702-3	Mediterranean Sea	Levantine Basin	Eastern Levantine Basin	marine sediment	bulk	bulk	P	NA	NA	-0.75	34.08	31.65	NA	Castaneda et al. (2016)	Literature search

PS1388-3	Atlantic Ocean	NA	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-14.90	-5.92	-69.03	2526	Chen2013Thesis in Du et al. (2020)	Du
ID-18247	Indian Ocean	N Indian	Indus shelf	marine sediment	bulk	NA	P	0.00	NA	-11.20	37.00	25.00	NA	Clift et al. (2002)	Jeandel
DSDP 593	Indian Ocean	E Indian	Challenger Plateau	marine sediment	detrital residue	NA	MIS1	NA	NA	-6.49	167.67	-40.50	1068	Cogez et al. (2015)	External contribution
DSDP 593	Indian Ocean	E Indian	Challenger Plateau	marine sediment	detrital residue	NA	MIS1	NA	NA	-6.29	167.67	-40.50	1068	Cogez et al. (2015)	External contribution
DSDP 594	Indian Ocean	E Indian	Campbell Plateau	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.31	174.93	-45.52	1204	Cogez et al. (2015)	External contribution
ODP 806	Indian Ocean	E Indian	Ontong Java Plateau	marine sediment	detrital residue	NA	MIS1	NA	NA	-4.36	160.00	0.00	NA	Cogez et al. (2015)	External contribution
ODP 806	Indian Ocean	E Indian	Ontong Java Plateau	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.77	160.00	0.00	NA	Cogez et al. (2015)	External contribution
ODP Leg 108, Site 658C	Atlantic Ocean	E Atlantic	NA	marine sediment	detrital residue	< 63 μ m	MIS1	NA	NA	-14.33	-18.59	20.76	2263	Cole et al. (2009)	SedDB
ODP Leg 108, Site 658C	Atlantic Ocean	E Atlantic	NA	marine sediment	detrital residue	< 63 μ m	P	NA	NA	-15.10	-18.59	20.76	2263	Cole et al. (2009)	Scheuvens
MD77-169	Indian Ocean	NE Indian	Andaman Sea	marine sediment	decarb. sediment	NA	P	24.00	0.51213	-10.00	95.05	10.20	NA	Colin et al. (1999)	Jeandel
MD77-171	Indian Ocean	NE Indian	Andaman Sea	marine sediment	decarb. sediment	NA	P	21.50	0.51216	-9.20	94.15	11.75	NA	Colin et al. (1999)	Jeandel
MD77-176	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	24.20	0.51216	-9.30	93.12	14.50	NA	Colin et al. (1999)	Jeandel
MD77-178	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	16.80	0.51220	-8.60	93.08	17.19	NA	Colin et al. (1999)	Jeandel
MD77-179	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	24.30	0.51198	-12.80	91.02	18.35	NA	Colin et al. (1999)	Jeandel
MD77-180	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	30.30	0.51199	-12.60	89.85	18.47	NA	Colin et al. (1999)	Jeandel
MD77-181	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	26.50	0.51200	-12.50	90.48	17.39	NA	Colin et al. (1999)	Jeandel
MD77-183	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	26.30	0.51218	-9.00	91.72	15.15	NA	Colin et al. (1999)	Jeandel
MD77-186	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	23.60	0.51208	-10.90	92.00	11.45	NA	Colin et al. (1999)	Jeandel

MD77-190	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	24.10	0.51209	-10.70	87.82	7.68	NA	Colin et al. (1999)	Jeandel
RC12-339	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	23.60	0.51205	-11.50	90.03	9.13	NA	Colin et al. (1999)	Jeandel
RC12-340	Indian Ocean	NE Indian	Andaman Sea	marine sediment	decarb. sediment	NA	P	25.20	0.51211	-10.40	90.02	12.70	NA	Colin et al. (1999)	Jeandel
RC12-341	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	21.40	0.51211	-10.30	89.58	13.05	NA	Colin et al. (1999)	Jeandel
RC12-344	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	29.10	0.51206	-11.30	96.07	12.77	NA	Colin et al. (1999)	Jeandel
VM29-15	Indian Ocean	N Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	19.90	0.51209	-10.80	88.73	11.95	NA	Colin et al. (1999)	Jeandel
VM29-18	Indian Ocean	N Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	27.50	0.51187	-15.10	85.40	16.63	NA	Colin et al. (1999)	Jeandel
VM29-19	Indian Ocean	N Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	21.00	0.51192	-13.90	82.58	14.70	NA	Colin et al. (1999)	Jeandel
VM29-20	Indian Ocean	N Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	25.60	0.51181	-16.10	81.70	11.53	NA	Colin et al. (1999)	Jeandel
VM29-21	Indian Ocean	N Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	25.10	0.51181	-16.20	81.75	9.65	NA	Colin et al. (1999)	Jeandel
MD01-2454	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-10.20	-15.65	55.53	747	Colin et al. (2010)	Literature search
MD01-2454	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-10.30	-15.65	55.53	747	Colin et al. (2010)	Literature search
MD01-2454	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-12.90	-15.65	55.53	747	Colin et al. (2010)	Literature search
MD01-2454	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	NA	P	NA	NA	-10.00	-15.65	55.53	747	Colin et al. (2010)	Literature search
274	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-4.60	173.43	-69.00	NA	Cook et al. (2013)	Cook-Williams
1165	Southern Ocean	E Antarctica	Adélie Land	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-16.20	67.22	-64.38	NA	Cook et al. (2013)	Cook-Williams
M5-422	Indian Ocean	N Indian	Gulf of Oman	marine sediment	detrital residue	NA	P	NA	NA	-6.40	59.05	24.39	NA	Cullen et al. (2012)	External contribution
575	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51254	-2.00	-53.80	-37.37	NA	de Mahiques et al. (2008)	Literature search
1045	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51263	-0.10	-61.96	-39.84	NA	de Mahiques et al. (2008)	Literature search
1126	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51252	-2.40	-58.43	-41.20	NA	de Mahiques et al. (2008)	Literature search
1451	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51262	-0.30	-65.42	-44.74	NA	de Mahiques et al. (2008)	Literature search

1509	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51254	-1.80	-65.03	-46.14	NA	de Mahiques et al. (2008)	Literature search
1518	Atlantic Ocean	SW Atlantic	Argentina	marine sediment	decarb. sediment	NA	P	NA	0.51259	-1.00	-66.40	-46.14	NA	de Mahiques et al. (2008)	Literature search
6539	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51189	-14.60	-41.98	-23.08	NA	de Mahiques et al. (2008)	Literature search
6541	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51192	-14.00	-41.71	-23.60	NA	de Mahiques et al. (2008)	Literature search
6542	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51190	-14.40	-41.61	-23.95	NA	de Mahiques et al. (2008)	Literature search
6553	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51213	-9.90	-42.79	-23.82	NA	de Mahiques et al. (2008)	Literature search
6554	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51200	-12.50	-42.76	-23.89	NA	de Mahiques et al. (2008)	Literature search
6573	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51210	-10.60	-44.62	-24.91	NA	de Mahiques et al. (2008)	Literature search
6611	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51220	-8.50	-47.36	-28.41	NA	de Mahiques et al. (2008)	Literature search
6613	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51217	-9.10	-47.92	-28.17	NA	de Mahiques et al. (2008)	Literature search
6626	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51201	-12.40	-43.75	-24.23	NA	de Mahiques et al. (2008)	Literature search
6630	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51208	-10.90	-45.30	-25.82	NA	de Mahiques et al. (2008)	Literature search
6652	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51215	-9.50	-45.80	-25.85	NA	de Mahiques et al. (2008)	Literature search
6664	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51199	-12.70	-44.17	-25.19	NA	de Mahiques et al. (2008)	Literature search

6669	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51188	-14.80	-44.71	-24.13	NA	de Mahiques et al. (2008)	Literature search
6678	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51209	-10.90	-45.19	-24.77	NA	de Mahiques et al. (2008)	Literature search
6683	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51209	-10.70	-45.54	-25.06	NA	de Mahiques et al. (2008)	Literature search
6692	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51214	-9.70	-46.95	-25.84	NA	de Mahiques et al. (2008)	Literature search
6700	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51214	-9.70	-46.37	-25.42	NA	de Mahiques et al. (2008)	Literature search
6704	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51210	-10.50	-46.05	-25.24	NA	de Mahiques et al. (2008)	Literature search
6735	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51198	-12.90	-44.07	-23.75	NA	de Mahiques et al. (2008)	Literature search
6740	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51188	-14.70	-43.43	-23.43	NA	de Mahiques et al. (2008)	Literature search
6742	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51207	-11.10	-43.16	-23.99	NA	de Mahiques et al. (2008)	Literature search
6743	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51199	-12.60	-42.79	-23.92	NA	de Mahiques et al. (2008)	Literature search
6752	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51201	-12.20	-42.11	-23.73	NA	de Mahiques et al. (2008)	Literature search
6763	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51179	-16.50	-41.02	-23.13	NA	de Mahiques et al. (2008)	Literature search
6773	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51176	-17.10	-40.03	-21.82	NA	de Mahiques et al. (2008)	Literature search
6814	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51216	-9.40	-48.70	-29.25	NA	de Mahiques et al. (2008)	Literature search

6821	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51220	-8.50	-48.21	-29.82	NA	de Mahiques et al. (2008)	Literature search
6834	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51219	-8.80	-50.69	-33.58	NA	de Mahiques et al. (2008)	Literature search
6836	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51208	-10.80	-50.85	-33.18	NA	de Mahiques et al. (2008)	Literature search
6837	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51225	-7.50	-50.85	-33.18	NA	de Mahiques et al. (2008)	Literature search
6844	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51216	-9.30	-50.45	-32.35	NA	de Mahiques et al. (2008)	Literature search
6846	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51217	-9.10	-50.45	-32.21	NA	de Mahiques et al. (2008)	Literature search
6847	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51218	-9.00	-50.18	-32.32	NA	de Mahiques et al. (2008)	Literature search
6852	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51218	-8.90	-50.40	-31.49	NA	de Mahiques et al. (2008)	Literature search
6856	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51222	-8.30	-47.99	-30.27	NA	de Mahiques et al. (2008)	Literature search
6858	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51216	-9.30	-49.00	-30.00	NA	de Mahiques et al. (2008)	Literature search
EW0408-66JC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	P	16138	NA	4.87	-137.10	57.87	426	Du et al. (2016)	Literature search
EW0408-88MC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	P	18334	NA	4.54	-144.13	59.53	686	Du et al. (2016)	Literature search
EW0408-88MC	Pacific Ocean	NE Pacific	Gulf of Alaska	marine sediment	bulk	NA	P	18819	NA	3.67	-144.50	58.77	3686	Du et al. (2016)	Literature search
M771/398	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.30	-71.87	-17.47	496	Ehlert et al. (2013)	Tachikawa/Literature search
M771/403	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.00	-71.86	-17.43	296	Ehlert et al. (2013)	Tachikawa/Literature search
M771/409	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.10	-71.97	-17.64	920	Ehlert et al. (2013)	Tachikawa/Literature search

M771/420	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.70	-75.58	-15.19	516	Ehlert et al. (2013)	Tachikawa/Literature search
M771/458	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.50	-78.43	-11.00	698	Ehlert et al. (2013)	Tachikawa/Literature search
M771/520	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-5.50	-78.03	-11.00	196	Ehlert et al. (2013)	Tachikawa/Literature search
M771/602	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.30	-78.31	-11.27	618	Ehlert et al. (2013)	Tachikawa/Literature search
M771/602	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-2.50	-78.31	-11.27	618	Ehlert et al. (2013)	Tachikawa/Literature search
M771/620	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.20	-77.32	-12.31	150	Ehlert et al. (2013)	Tachikawa/Literature search
M772/002-4	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.20	-75.73	-15.08	290	Ehlert et al. (2013)	Tachikawa/Literature search
M772/022-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-3.80	-78.77	-10.89	1923	Ehlert et al. (2013)	Tachikawa/Literature search
M772/028-1	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-5.00	-79.90	-9.29	1105	Ehlert et al. (2013)	Tachikawa/Literature search
M772/031-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.50	-79.45	-9.05	114	Ehlert et al. (2013)	Tachikawa/Literature search
M772/047-3	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-4.70	-80.52	-7.87	625	Ehlert et al. (2013)	Tachikawa/Literature search
M772/053-1	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.20	-81.57	-5.48	2607	Ehlert et al. (2013)	Tachikawa/Literature search
M772/054-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-5.90	-81.31	-5.48	297	Ehlert et al. (2013)	Tachikawa/Literature search
M772/056-1	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	0.512429	NA	-4.10	-81.12	-3.75	350	Ehlert et al. (2013)	Tachikawa/Literature search
M772/065-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5126	0.00	-81.12	-1.95	206	Ehlert et al. (2013)	Tachikawa/Literature search
M772/067-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.20	-82.62	-1.75	2075	Ehlert et al. (2013)	Tachikawa/Literature search
M772/069-2	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5126	-1.10	-80.95	-3.27	339	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.50	-77.66	-12.05	180	Ehlert et al. (2013)	Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.10	-77.66	-12.05	180	Ehlert et al. (2013)	Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5126	-1.40	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.30	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search

SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.30	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5126	-1.50	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5126	-1.30	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-1.70	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.20	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.90	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.40	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-3.60	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
SO147-106KL	Pacific Ocean	SE Pacific	Peru margin	marine sediment	detrital residue	NA	MIS1	NA	0.5124	-4.50	-77.66	-12.05	180	Ehlert et al. (2013)	Tachikawa/Literature search
HU91-045-080TWC	Atlantic Ocean	N Atlantic	East Greenland	marine sediment	decarb. sediment	NA	P	NA	NA	-3.47	-33.53	53.06	3024	Fagel and Mattielli (2011)	Hemming
MD99-2254	Atlantic Ocean	N Atlantic	East Greenland	marine sediment	decarb. sediment	NA	P	NA	NA	-3.45	-30.66	56.80	2240	Fagel and Mattielli (2011)	Hemming
Orange River Mud	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	29.50	0.51206	-11.20	16.46	-28.62	NA	Franzese et al. (2006)	Literature search
RC11-77	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	16.92	0.51238	-5.12	-16.45	-53.05	4098	Franzese et al. (2006)	Literature search
RC11-80	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	19.35	0.51234	-5.88	-0.05	-46.75	3656	Franzese et al. (2006)	Literature search
RC11-86	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	21.90	0.51206	-11.19	18.45	-35.78	2829	Franzese et al. (2006)	Literature search
RC12-289	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	17.87	0.51237	-5.22	-23.70	-47.90	4484	Franzese et al. (2006)	Literature search
RC13-227	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	19.10	0.51197	-13.04	8.87	-21.88	4301	Franzese et al. (2006)	Literature search
RC13-229	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	16.20	0.51205	-11.55	11.30	-25.50	4191	Franzese et al. (2006)	Literature search
RC13-243	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	19.20	0.51227	-7.28	0.33	-36.90	4790	Franzese et al. (2006)	Literature search
RC13-251	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	20.65	0.51222	-8.26	11.67	-42.52	4341	Franzese et al. (2006)	Literature search

RC13-255	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	NA	0.51239	-4.83	2.90	-50.58	3332	Franzese et al. (2006)	Literature search
RC17-69	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	<63 μ m	P	23.60	0.51195	-13.41	32.60	-31.50	NA	Franzese et al. (2006)	Literature search
VM14-77	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	<63 μ m	P	21.60	0.51186	-15.25	32.87	-29.63	NA	Franzese et al. (2006)	Literature search
VM19-214	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	<63 μ m	P	33.30	0.51184	-15.52	38.85	-23.37	NA	Franzese et al. (2006)	Literature search
VM19-240	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	<63 μ m	P	21.80	0.51205	-11.57	13.28	-30.58	3103	Franzese et al. (2006)	Literature search
BC07	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-8.46	32.67	33.67	NA	Freydier et al. (2001)	Literature search
BC07	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	P	14.70	NA	-9.20	32.67	33.67	893.00	Freydier et al. (2001)	Literature search/Tachikawa
BC19	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	MIS1	23.00	NA	-11.60	28.60	33.80	2750	Freydier et al. (2001)	Tachikawa
BC19	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-8.16	28.60	33.80	NA	Freydier et al. (2001)	Literature search
BC3	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	MIS1	21.60	NA	-12.60	24.77	33.85	2180	Freydier et al. (2001)	Tachikawa
BC3	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-10.82	24.77	33.85	NA	Freydier et al. (2001)	Literature search
UM42	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	NA	MIS1	22.30	NA	-11.90	17.85	34.95	1375	Freydier et al. (2001)	Tachikawa
UM42	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-11.48	17.85	34.95	NA	Freydier et al. (2001)	Literature search
SL114	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	NA	MIS1	NA	NA	-10.35	21.40	35.28	NA	Freydier et al. (2001), Wu et al., 2016	Literature search
SL114	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	NA	P	23.10	0.51202	-12.10	21.40	35.28	NA	Freydier et al. (2001), Tachikawa et al. (2004), Wu et al., 2016	Literature search
RC9-179	Mediterranean Sea	Levantine Basin	SE of Crete	marine sediment	decarb. sediment	bulk	P	27.56	0.51217	-8.40	26.13	34.81	NA	Frost et al. (1986)	Scheuven
RC9-194	Mediterranean Sea	Thyrranian Basin	NA	marine sediment	decarb. sediment	bulk	P	32.44	0.51223	-7.60	11.32	40.68	NA	Frost et al. (1986)	Scheuven

RC9-197	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	decarb. sediment	bulk	P	26.91	0.51212	-10.10	5.95	42.03	NA	Frost et al. (1986)	Scheuvens
SH74/1060	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	21.29	0.51254	-2.00	34.56	36.56	NA	Frost et al. (1986)	Scheuvens
SH74/1088	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	17.77	0.51237	-5.80	34.56	36.56	NA	Frost et al. (1986)	Scheuvens
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	19.8	0.512	-13.00	74.00	6.00	2766	Goswani et al. (2012)	Du/External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	6	0.5121	-9.80	74.00	6.00	2766	Goswani et al. (2012)	Du/External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	8.7	0.512	-13.10	74.00	6.00	2766	Goswani et al. (2012)	Du/External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	13.4	0.5119	-13.70	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.7	0.5119	-13.80	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	6.5	0.5119	-14.10	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.5	0.5119	-14.40	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.9	0.5119	-14.30	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	11.7	0.5121	-10.90	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3101G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	20	0.5121	-11.30	74.00	6.00	2766	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	15.5	0.5122	-9.40	71.70	12.80	1680	Goswani et al. (2012)	Du/External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	25.6	0.512	-12.90	71.70	12.80	1680	Goswani et al. (2012)	Du/External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	14.4	0.5121	-10.70	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.1	0.5121	-10.00	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	11.1	0.5121	-9.60	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.3	0.5121	-9.90	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	9.9	0.5121	-9.90	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	10.9	0.5121	-9.90	71.70	12.80	1680	Goswani et al. (2012)	External contribution

SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	10.2	0.5122	-8.80	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	12.3	0.5122	-9.50	71.70	12.80	1680	Goswani et al. (2012)	External contribution
SS_3104G	Indian Ocean	NE Indian	Arabian Sea	marine sediment	decarb. Sediment	NA	MIS1	7.4	0.5121	-11.00	71.70	12.80	1680	Goswani et al. (2012)	External contribution
CV-2	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	bulk	P	32.10	0.51201	-12.20	-29.73	19.40	NA	Grousset et al. (1988, 1998)	Scheuven
Flux-5	Atlantic Ocean	N Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	90.20	0.51284	3.90	-25.19	37.25	NA	Grousset et al. (1988)	Literature search
Flux-6	Atlantic Ocean	N Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	53.60	0.51251	-2.50	-21.14	40.13	NA	Grousset et al. (1988)	Literature search
Flux-7	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	25.70	0.51207	-11.10	-12.40	46.37	NA	Grousset et al. (1988)	Literature search
Flux-8	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	25.90	0.51204	-11.60	-8.53	47.51	NA	Grousset et al. (1988)	Literature search
Inter-B1	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	25.70	0.51204	-11.60	-10.60	45.35	2588.00	Grousset et al. (1988)	Literature search
Inter-B2	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	27.10	0.51201	-12.30	-11.83	43.75	4987.00	Grousset et al. (1988)	Literature search
K-12	Atlantic Ocean	N Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	61.90	0.51289	4.90	-26.13	37.95	3225.00	Grousset et al. (1988)	Literature search
KC 8221	Atlantic Ocean	NE Atlantic	W of Street of Gibraltar	marine sediment	decarb. sediment	bulk	P	30.20	0.51221	-8.40	-7.65	36.88	580.00	Grousset et al. (1988)	Scheuven
KS 73134	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	25.50	0.51207	-11.10	-13.25	56.52	2300.00	Grousset et al. (1988)	SedDB
KS 7920	Atlantic Ocean	N Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	32.50	0.51189	-14.50	-27.75	45.63	3430.00	Grousset et al. (1988)	Literature search
KS 7929	Atlantic Ocean	NE Atlantic	NA	marine sediment	decarb. sediment	Bulk	P	25.50	0.51201	-12.20	-15.07	46.31	3490.00	Grousset et al. (1988)	Literature search
KS 8228	Atlantic Ocean	NE Atlantic	W of Street of Gibraltar	marine sediment	decarb. sediment	bulk	P	22.10	0.51203	-11.80	-8.72	35.83	2798.00	Grousset et al. (1988)	Scheuven
KS 8231	Mediterranean Sea	Alboran Basin	Alboran Sea	marine sediment	decarb. sediment	bulk	P	30.30	0.51212	-10.10	-3.22	36.15	855.00	Grousset et al. (1988)	Scheuven
R2P 645 m	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	decarb. sediment	bulk	P	29.20	0.51205	-11.50	3.47	42.47	NA	Grousset et al. (1990)	Scheuven
BOFS-28	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	30.70	0.51195	-13.40	-22.82	24.57	NA	Grousset et al. (1998)	Scheuven

BOFS-29	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	27.10	0.51189	-14.60	-21.12	20.57	NA	Grousset et al. (1998)	Scheuvs
BOFS-31	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	27.40	0.51194	-13.60	-20.17	19.00	NA	Grousset et al. (1998)	Scheuvs
BOFS-32	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	29.40	0.51194	-13.60	-22.00	22.52	NA	Grousset et al. (1998)	Scheuvs
K02	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	21.90	0.51190	-14.30	-17.28	19.48	NA	Grousset et al. (1998)	Scheuvs
K09	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	24.50	0.51188	-14.80	-18.25	21.33	NA	Grousset et al. (1998)	Scheuvs
K15	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	27.40	0.51190	-14.40	-17.27	23.73	NA	Grousset et al. (1998)	Scheuvs
K20b	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	32.20	0.51191	-15.30	-16.65	25.03	NA	Grousset et al. (1998)	Scheuvs
K23	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	35.30	0.51204	-11.70	-7.02	34.33	NA	Grousset et al. (1998)	Scheuvs
K25	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	33.00	0.51197	-13.00	-10.42	32.40	NA	Grousset et al. (1998)	Scheuvs
Ro	Atlantic Ocean	E Atlantic	off Senegal	marine sediment	decarb. sediment	< 30 μ m	P	41.90	0.51189	-14.50	-17.35	14.33	NA	Grousset et al. (1998)	Scheuvs
VM22-189	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	40.00	0.51168	-18.60	-21.12	4.92	NA	Grousset et al. (1998)	Scheuvs
VM22-196	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	32.40	0.51183	-15.70	-18.95	13.83	NA	Grousset et al. (1998)	Scheuvs
VM27-175	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	34.60	0.51273	1.90	-22.20	8.80	NA	Grousset et al. (1998)	Scheuvs
VM30-41K	Atlantic Ocean	E Atlantic	NA	marine sediment	decarb. sediment	< 30 μ m	P	26.60	0.51206	-11.30	-23.05	0.22	NA	Grousset et al. (1998)	Scheuvs
ELT05-20	Southern Ocean	Antarctica	Antarctic Peninsula	marine sediment	detrital residue	<63 μ m	P	38.10	0.51246 9	-3.30	-74.78	-67.18	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT05-22	Southern Ocean	Antarctica	Antarctic Peninsula	marine sediment	detrital residue	<63 μ m	P	40.70	0.51268 5	0.90	-70.25	-65.95	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT07-11	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	74.70	0.51214 7	-9.60	-45.62	-66.50	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB

ELT11-17	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	38.10	0.51240 0	-4.60	114.81	-61.04	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT11-18	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	47.10	0.51239 9	-4.70	-102.82	-70.14	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT11-19	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	55.10	0.51247 0	-3.30	-99.26	-70.42	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT27-20	Southern Ocean	Antarctica	Ross Sea	marine sediment	detrital residue	<63 μ m	P	46.10	0.51228 3	-6.90	178.60	-71.96	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT33-11	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	58.10	0.51250 2	-2.70	-122.26	-70.10	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT33-12	Southern Ocean	Antarctica	W Antarctica	marine sediment	detrital residue	<63 μ m	P	66.10	0.51235 8	-5.50	-120.17	-70.00	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT37-04	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	46.70	0.51200 3	-12.40	150.49	-64.83	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT37-06	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	34.10	0.51176 5	-17.00	145.02	-66.08	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT37-09	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	37.70	0.51181 7	-20.40	141.10	-65.55	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT37-10	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	42.80	0.51181 5	-16.10	137.88	-65.22	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB

ELT37-13	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	74.60	0.51187 6	-14.90	132.98	-64.67	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT47-07	Southern Ocean	Antarctica	Pryzd Bay	marine sediment	detrital residue	<63 μ m	P	47.30	0.51154 4	-21.30	77.90	-66.66	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT47-14	Southern Ocean	Antarctica	Pryzd Bay	marine sediment	detrital residue	<63 μ m	P	40.10	0.51168 1	-18.70	71.27	-61.12	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT50-13	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	NA	0.51188 1	-14.80	105.00	-60.00	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT50-16	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	48.30	0.51192 7	-13.90	-106.64	-70.17	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
ELT50-18	Southern Ocean	Antarctica	Wilkes Land	marine sediment	detrital residue	<63 μ m	P	47.80	0.51200 6	-12.30	119.98	-64.43	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
IO1277-25	Southern Ocean	Antarctica	Dronning Maud Land	marine sediment	detrital residue	<63 μ m	P	65.40	0.51207 4	-11.00	10.97	-68.61	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
IO1277-41	Southern Ocean	Antarctica	Dronning Maud Land	marine sediment	detrital residue	<63 μ m	P	94.70	0.51186 7	-15.00	-5.08	-70.00	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
IO1578-48	Southern Ocean	Antarctica	Weddel Sea	marine sediment	detrital residue	<63 μ m	P	65.10	0.51220 1	-8.50	-20.01	-62.00	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
R2P 645 m	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	bulk	bulk	P	21.40	0.51211	-10.20	3.47	42.47	NA	Henry et al. (1994)	Literature search
135-834B-33R-1 (2690m)	Pacific Ocean	S Pacific	Lau basin	marine sediment	decarb. sediment	NA	P	10.33	NA	9.20	-177.87	-18.57	NA	Hergt et al. (1994)	Jeandel

135-835B-3R2 (2905m)	Pacific Ocean	S Pacific	Lau basin	marine sediment	decarb. sediment	NA	P	5.44	NA	8.80	-177.30	-18.50	NA	Hergt et al. (1994)	Jeandel
135-836A-3HCC (2466m)	Pacific Ocean	S Pacific	Lau basin	marine sediment	decarb. sediment	NA	P	5.10	NA	7.50	-176.82	-20.13	NA	Hergt et al. (1994)	Jeandel
BOW-8A	Pacific Ocean	N Pacific	Bering Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-0.63	176.92	54.78	884	Horikawa et al. (2010)	Tachikawa
GeoB2104-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.96	-46.37	-27.29	1503	Howe et al. (2016b)	External contribution
GeoB2104-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-10.01	-46.37	-27.29	1503	Howe et al. (2016b)	External contribution
GeoB2107-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5121	-9.62	-46.45	-27.18	1048	Howe et al. (2016b)	External contribution
GeoB2107-3	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-9.04	-46.45	-27.18	1048	Howe et al. (2016b)	External contribution
BOFS30/3K	Atlantic Ocean	E Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.90	-20.72	19.75	3580	Howe et al. (2017b)	Literature search
KNR159_5_33GGC	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.90	-46.20	-27.60	2082	Howe et al. (2018)	Du/External contribution
KNR159_5_33GGC	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.60	-46.20	-27.60	2082	Howe et al. (2018)	Du/External contribution
KNR159_5_33GGC	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.80	-46.20	-27.60	2082	Howe et al. (2018)	External contribution
KNR159_5_33GGC	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.10	-46.20	-27.60	2082	Howe et al. (2018)	External contribution
GL_1090	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-13.80	-42.50	-24.90	2225	Howe et al. (2018)	External contribution
GL_1090	Atlantic Ocean	SW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-13.80	-42.50	-24.90	2225	Howe et al. (2018)	External contribution
ODP1241B	Indian Ocean	E Indian	Cocos Ridge	marine sediment	detrital residue	NA	MIS1	NA	NA	4.40	-86.45	-5.85	2027	Hu and Piotrowski (2018)	External contribution
ODP1241B	Indian Ocean	E Indian	Cocos Ridge	marine sediment	detrital residue	NA	MIS1	NA	NA	2.60	-86.45	-5.85	2027	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	2.50	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	2.00	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution

V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.60	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.30	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	4.00	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.90	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.40	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.30	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	4.40	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	4.20	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
V21-30	Indian Ocean	E Indian	Galapagos Islands	marine sediment	detrital residue	NA	MIS1	NA	NA	3.70	-89.68	-1.22	617	Hu and Piotrowski (2018)	External contribution
KNR197-3-46CDH	Atlantic Ocean	W Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.20	-53.66	7.84	947	Huang et al. (2014)	Tachikawa
KNR197-3-46CDH	Atlantic Ocean	W Eq. Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.50	-53.66	7.84	947	Huang et al. (2014)	Tachikawa
TT28-17AC	Pacific Ocean	NA	C	marine sediment	detrital residue	NA	P	NA	NA	-8.90	177.08	38.98	NA	Jones et al. (2000)	Literature search
TT49-02PC	Pacific Ocean	NA	C	marine sediment	detrital residue	NA	P	NA	NA	-9.50	166.67	35.35	NA	Jones et al. (2000)	Literature search
V32-132	Pacific Ocean	NA	C	marine sediment	detrital residue	NA	P	NA	NA	-9.10	-168.03	33.78	NA	Jones et al. (2000)	Literature search
W8209B-01GC	Pacific Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.50	-132.00	39.80	NA	Jones et al. (2000)	Literature search
W8809A-38GC	Pacific Ocean	NA	C	marine sediment	detrital residue	NA	P	NA	NA	-9.50	-134.65	41.08	NA	Jones et al. (2000)	Literature search

Y70-1-06PC	Pacific Ocean	NA	NA	marine sediment	detrital residue	NA	P	NA	NA	-7.20	-142.58	45.00	NA	Jones et al. (2000)	Literature search
Core NIOP 905 P	Indian Ocean	Somalia	NA	marine sediment	decarb. sediment	< 2 μ m	MIS1	NA	0.51234	-5.91	51.63	10.26	NA	Jung et al. (2004)	Literature search
Core NIOP 905 P	Indian Ocean	Somalia	NA	marine sediment	decarb. sediment	< 2 μ m	P	NA	0.51230	-6.59	51.63	10.26	NA	Jung et al. (2004)	Literature search
GC3	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5116	-20.29	72.00	20.00	355	Kessarkar et al. (2003)	External contribution
GC5	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5227	-18.45	72.00	20.00	280	Kessarkar et al. (2003)	External contribution
SK 148/22	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5119	-14.81	68.50	22.30	56	Kessarkar et al. (2003)	External contribution
SK 148/32	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5117	-17.26	69.00	20.50	111	Kessarkar et al. (2003)	External contribution
SK111/22	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5119	-14.57	68.28	18.29	3235	Kessarkar et al. (2003)	Du
SK126/16	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5116	-19.66	76.06	8.02	1420	Kessarkar et al. (2003)	Du
SK126/39	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5121	-10.59	73.36	12.35	1940	Kessarkar et al. (2003)	Du
SK126/50	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5118	-15.98	70.85	15.00	2650	Kessarkar et al. (2003)	Du
SK148/21	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5119	-14.10	66.97	21.45	1900	Kessarkar et al. (2003)	Du
SK148/38	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.512	-12.58	72.00	20.00	31	Kessarkar et al. (2003)	External contribution
SK148/4	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5116	-19.74	76.13	7.95	1380	Kessarkar et al. (2003)	Du
SK148/55	Indian Ocean	E Indian	NA	marine sediment	decarb. sediment	NA	MIS1	NA	0.5119	-13.71	70.91	17.48	500	Kessarkar et al. (2003)	Du
AAS37/2	Indian Ocean	NA	NA	marine sediment	decarb. sediment	NA	MIS1	16.68	0.5118	-15.82	81.04	2.42	4000	Kessarkar et al. (2005)	Du/External contribution
AAS37/2	Indian Ocean	NA	NA	marine sediment	decarb. sediment	NA	MIS1	17.43	0.5119	-14.61	81.04	2.42	4000	Kessarkar et al. (2005)	External contribution
SK148/2	Indian Ocean	NA	NA	marine sediment	decarb. sediment	NA	MIS1	11.36	0.5117	-18.12	84.00	10.00	3600	Kessarkar et al. (2005)	Du/External contribution
U1456	Indian Ocean	N Idian	Arabian Sea	marine sediment	detrital residue	NA	MIS1	10.9	NA	-8.3	68.84	16.62	3640	Khim et al. (2020)	Literature search
GeoB4901-5	Atlantic Ocean	E Atlantic	NA	marine sediment	detrital residue	NA	P	NA	NA	-11.80	6.72	2.68	2177.00	Kraft et al. (2013)	Author contribution

GeoB4902-4	Atlantic Ocean	E Atlantic	NA	marine sediment	detrital residue	NA	P	NA	NA	-11.00	6.03	2.35	3221	Kraft et al. (2013)	Author contribution
GeoB4905-2	Atlantic Ocean	E Atlantic	NA	marine sediment	detrital residue	NA	P	NA	NA	-15.80	9.39	2.50	1329	Kraft et al. (2013)	Author contribution
MD99-2308Hy (2520m)	Atlantic Ocean	N Atlantic	Greenland	marine sediment	bulk	NA	P	26.99	NA	-13.70	-13.99	72.90	NA	Lacan (2002)	Jeandel
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	14.17	-1.04	167.73	50.42	3300	Lam et al. (2013)	Du/External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	9.33	2.34	167.73	50.42	3300	Lam et al. (2013)	Du/External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	10.99	2.24	167.73	50.42	3300	Lam et al. (2013)	Du/External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	12.48	2.96	167.73	50.42	3300	Lam et al. (2013)	External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	12.44	3.16	167.73	50.42	3300	Lam et al. (2013)	External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	12.02	-1.51	167.73	50.42	3300	Lam et al. (2013)	External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	11.82	-2.28	167.73	50.42	3300	Lam et al. (2013)	External contribution
VINO19_4_GGC_37	Pacific Ocean	NW Pacific	Detroit Seamount	marine sediment	detrital residue	NA	MIS1	NA	9.93	-3.48	167.73	50.42	3300	Lam et al. (2013)	External contribution
A1	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51201	-12.20	-102.58	82.12	NA	Maccali et al. (2018)	External contribution
A10	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51196	-13.30	-107.26	79.43	NA	Maccali et al. (2018)	External contribution
A11	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51192	-14.00	-102.20	79.26	NA	Maccali et al. (2018)	External contribution

A12	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51186	-15.20	-106.41	74.88	NA	Maccali et al. (2018)	External contribution
A13	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51199	-12.60	130.92	71.50	NA	Maccali et al. (2018)	External contribution
A14	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51224	-7.80	160.03	71.92	NA	Maccali et al. (2018)	External contribution
A15	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51203	-11.80	125.93	74.53	NA	Maccali et al. (2018)	External contribution
A16	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51207	-11.20	125.93	74.53	NA	Maccali et al. (2018)	External contribution
A17	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51218	-8.90	165.00	70.09	NA	Maccali et al. (2018)	External contribution
A18	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51199	-12.60	138.97	74.32	NA	Maccali et al. (2018)	External contribution
A19	Arctic Ocean	Chukchi Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51228	-7.00	-170.37	67.47	NA	Maccali et al. (2018)	External contribution
A2	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51188	-14.80	-137.99	69.35	NA	Maccali et al. (2018)	External contribution
A20	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51189	-14.50	-133.97	69.87	NA	Maccali et al. (2018)	External contribution
A21	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51200	-12.50	-96.09	81.17	NA	Maccali et al. (2018)	External contribution
A22	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51220	-8.60	179.89	69.98	NA	Maccali et al. (2018)	External contribution
A23	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51186	-15.20	133.88	73.75	NA	Maccali et al. (2018)	External contribution
A24	Arctic Ocean	Chukchi Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51215	-9.50	-156.50	71.75	NA	Maccali et al. (2018)	External contribution
A25	Arctic Ocean	Chukchi Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51219	-8.80	-165.50	69.80	NA	Maccali et al. (2018)	External contribution
A29	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51209	-10.70	155.40	73.97	NA	Maccali et al. (2018)	External contribution
A3	Arctic Ocean	Barents Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51188	-14.70	42.61	71.74	NA	Maccali et al. (2018)	External contribution
A30	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51186	-15.20	149.50	72.58	NA	Maccali et al. (2018)	External contribution
A31	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.51201	-12.20	122.00	74.33	NA	Maccali et al. (2018)	External contribution

A32	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51222	-8.20	175.00	70.45	NA	Maccali et al. (2018)	External contribution
A33	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51226	-7.40	170.00	70.72	NA	Maccali et al. (2018)	External contribution
A34	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51197	-13.00	120.00	75.50	NA	Maccali et al. (2018)	External contribution
A35	Arctic Ocean	Chuksi Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51227	-7.10	-173.41	67.58	NA	Maccali et al. (2018)	External contribution
A36	Arctic Ocean	Laptev Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51201	-12.20	143.73	74.33	NA	Maccali et al. (2018)	External contribution
A4	Arctic Ocean	Kara Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51200	-12.50	58.95	73.05	NA	Maccali et al. (2018)	External contribution
A47	Arctic Ocean	Barents Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51214	-9.70	40.60	84.81	NA	Maccali et al. (2018)	External contribution
A48	Arctic Ocean	Barents Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51202	-12.10	47.89	82.66	NA	Maccali et al. (2018)	External contribution
A49	Arctic Ocean	Barents Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51218	-9.00	25.84	79.57	NA	Maccali et al. (2018)	External contribution
A5	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51196	-13.30	-102.61	80.48	NA	Maccali et al. (2018)	External contribution
A50	Arctic Ocean	Barents Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51207	-11.00	34.06	78.57	NA	Maccali et al. (2018)	External contribution
A51	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51164	-19.50	-63.26	81.62	NA	Maccali et al. (2018)	External contribution
A52	Arctic Ocean	Fram Strait	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51182	-15.90	-4.68	79.62	NA	Maccali et al. (2018)	External contribution
A6	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51196	-13.30	-102.61	80.48	NA	Maccali et al. (2018)	External contribution
A7	Arctic Ocean	Kara Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51215	-9.60	66.92	78.48	NA	Maccali et al. (2018)	External contribution
A8	Arctic Ocean	Kara Sea	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51210	-10.60	77.93	81.42	NA	Maccali et al. (2018)	External contribution
A9	Arctic Ocean	Mackenzie-Canadian Arctic	NA	marine sediment	detrital residue	63-100 μ m	P	NA	0.51196	-13.30	-107.26	79.43	NA	Maccali et al. (2018)	External contribution
core 7616	Atlantic Ocean	S Brazilian shelf	SW Atlantic	marine sediment	decarb. sediment	NA	P	NA	0.51208	-10.70	-45.64	-25.10	NA	Mantovanelli et al. (2018)	Literature search

core 7620	Atlantic Ocean	SW Atlantic	S Brazilian shelf	marine sediment	decarb. sediment	NA	P	NA	0.51174	-17.50	-41.98	-22.94	NA	Mantovanelli et al. (2018)	Literature search
BB 9979 W	Pacific Ocean	W Pacific	Australia	marine sediment	decarb. sediment	NA	P	32.00	NA	-6.30	146.15	-17.30	NA	McCulloch et al. (2003)	Jeandel
SO213-01-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.80	-85.03	-36.22	NA	Molina-Kescher et al. (2014)	External contribution
SO213-06-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-4.50	-92.38	-37.35	NA	Molina-Kescher et al. (2014)	External contribution
SO213-08-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-4.80	-95.35	-37.48	NA	Molina-Kescher et al. (2014)	External contribution
SO213-10-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.00	-93.72	-38.60	NA	Molina-Kescher et al. (2014)	External contribution
SO213-12-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.00	-85.47	-42.38	NA	Molina-Kescher et al. (2014)	External contribution
SO213-14-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-2.10	-84.48	-40.30	NA	Molina-Kescher et al. (2014)	External contribution
SO213-17-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-2.70	-84.50	-40.62	NA	Molina-Kescher et al. (2014)	External contribution
SO213-20-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-2.90	-80.30	-39.45	2702.00	Molina-Kescher et al. (2014)	External contribution
SO213-22-4	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-1.40	-75.92	-39.20	NA	Molina-Kescher et al. (2014)	External contribution
SO213-24-2	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.70	-102.12	-36.95	NA	Molina-Kescher et al. (2014)	External contribution
SO213-26-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.60	-109.92	-36.00	NA	Molina-Kescher et al. (2014)	External contribution
SO213-49-3	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.50	-114.02	-39.95	NA	Molina-Kescher et al. (2014)	External contribution

SO213-54-4	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.60	-120.50	-43.70	NA	Molina-Kescher et al. (2014)	External contribution
SO213-57-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-2.60	-113.45	-46.98	NA	Molina-Kescher et al. (2014)	External contribution
SO213-59-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-4.70	-116.88	-45.83	3159.00	Molina-Kescher et al. (2014)	External contribution
SO213-63-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.60	-119.08	-44.67	NA	Molina-Kescher et al. (2014)	External contribution
SO213-66-5	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.20	-151.70	-45.38	NA	Molina-Kescher et al. (2014)	External contribution
SO213-68-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-5.20	-155.28	-45.12	NA	Molina-Kescher et al. (2014)	External contribution
SO213-76-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.60	-178.03	-46.22	NA	Molina-Kescher et al. (2014)	External contribution
SO213-78-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.40	-179.62	-46.25	NA	Molina-Kescher et al. (2014)	External contribution
SO213-79-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-4.00	-179.57	-45.85	NA	Molina-Kescher et al. (2014)	External contribution
SO213-81-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-4.20	178.00	-46.00	NA	Molina-Kescher et al. (2014)	External contribution
SO213-84-2	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.50	-174.58	-45.12	992.00	Molina-Kescher et al. (2014)	External contribution
SO213-85-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.50	-174.53	-44.77	NA	Molina-Kescher et al. (2014)	External contribution
SO213-87-1	Pacific Ocean	S Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-3.70	-174.10	-44.08	NA	Molina-Kescher et al. (2014)	External contribution
TT175-83P	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	NA	P	18.50	NA	-6.10	-131.70	46.30	NA	Nakai et al. (1993)	Jeandel

V20-122	Pacific Ocean	N Pacific	NA	marine sediment	detrital residue	NA	MIS1	12.30	NA	-0.50	161.40	46.30	NA	Nakai et al. (1993)	Jeandel
1090-B-001-01W	Atlantic Ocean	S Atlantic	Agulhas Ridge	marine sediment	detrital residue	NA	P	NA	0.5122	-9.40	8.90	-42.91	3702.00	Noble et al. (2012)	Literature search/Hemming
1093-A-001-01A	Atlantic Ocean	S Atlantic	Near Polar Front	marine sediment	detrital residue	NA	P	NA	0.5124	-5.20	5.87	-49.98	3626.00	Noble et al. (2012)	Literature search/Hemming
1094-A-001-01A	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5127	0.40	5.13	-53.18	2807.00	Noble et al. (2012)	Hemming
1094-A-001-01A	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5126	0.20	5.13	-53.18	2807.00	Noble et al. (2012)	Hemming
177-1088B	Atlantic Ocean	S Atlantic	Agulhas Ridge	marine sediment	detrital residue	NA	MIS1	NA	0.51210	-10.50	13.56	-41.14	2082.00	Noble et al. (2012)	SedDB
177-1089A	Atlantic Ocean	S Atlantic	Cape Basin	marine sediment	detrital residue	NA	P	NA	0.51208	-11.00	9.89	-40.94	4620.00	Noble et al. (2012)	SedDB
GC027	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5122	-8.00	-40.14	-61.79	NA	Noble et al. (2012)	SedDB
KC088	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.70	-52.70	-63.95	1441	Noble et al. (2012)	SedDB
KC089	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-7.30	-52.33	-63.92	1449	Noble et al. (2012)	SedDB
PS2819-1	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.30	-17.85	-72.39	1432	Noble et al. (2012)	SedDB
PS2820-1	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5125	-2.60	-15.78	-71.67	1341	Noble et al. (2012)	SedDB
TPC288	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	MIS1	NA	0.5123	-6.90	-37.97	-59.14	2864	Noble et al. (2012)	Literature search
TPC288	Southern Ocean	Antarctica	NA	marine sediment	detrital residue	NA	P	NA	0.5124	-4.90	-37.97	-59.14	2864	Noble et al. (2012)	SedDB
TPC290	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	P	NA	0.5124	-5.10	-45.01	-55.55	3826	Noble et al. (2012)	SedDB
WIND 1B	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.512	-12.40	35.54	-35.13	NA	Noble et al. (2012)	Literature search
WIND-1B	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	0.512	-12.80	35.54	-35.13	NA	Noble et al. (2012)	SedDB
CHAT 5K	Pacific Ocean	SW Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-2.90	-171.55	40.78	4240	Noble et al. (2013)	Tachikawa
CHAT10K	Pacific Ocean	SW Pacific	NA	marine sediment	detrital residue	NA	P	NA	NA	-2.60	-180.00	40.03	3003	Noble et al. (2013)	Tachikawa
V28-341 (750m)	Indian Ocean	E Indian	Timor	marine sediment	bulk	NA	P	17.33	NA	-9.30	130.13	-9.06	NA	Othman et al. (1989)	Jeandel

V33-75 (3396m)	Indian Ocean	E Indian	Sunda	marine sediment	bulk	NA	P	16.98	NA	-3.10	107.11	-8.25	NA	Othman et al. (1989)	Jeandel
V33-77 (3014m)	Indian Ocean	E Indian	Sunda	marine sediment	bulk	NA	P	13.75	NA	-2.80	106.43	-8.70	NA	Othman et al. (1989)	Jeandel
V33-79 (3000m)	Indian Ocean	E Indian	Sunda	marine sediment	bulk	NA	P	13.38	NA	-2.60	106.40	-7.90	NA	Othman et al. (1989)	Jeandel
V34-55 (2996m)	Indian Ocean	E Indian	Sunda	marine sediment	bulk	NA	P	8.27	NA	-7.70	88.57	-6.02	NA	Othman et al. (1989)	Jeandel
MD99- 2198	Atlantic Ocean	W Eq. Atlantic	Tobago Basin	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.74	-61.33	12.15	1330	Pahnke et al. (2008)	External contribution
MD99- 2198	Atlantic Ocean	W Eq. Atlantic	Tobago Basin	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.49	-61.33	12.15	1330	Pahnke et al. (2008)	External contribution
MD99- 2198	Atlantic Ocean	W Eq. Atlantic	Tobago Basin	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.67	-61.33	12.15	1330	Pahnke et al. (2008)	External contribution
MD99- 2198	Atlantic Ocean	W Eq. Atlantic	Tobago Basin	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.47	-61.33	12.15	1330	Pahnke et al. (2008)	External contribution
DSDP_204	Pacific Ocean	W Pacific	Fiji basin	marine sediment	detrital residue	NA	MIS1	35.40	#####	-3.51	-174.11	-24.95	5354	Pearce et al.(2007)	Du/External contribution
DSDP_286	Pacific Ocean	W Pacific	Fiji basin	marine sediment	detrital residue	NA	MIS1	39.00	#####	-3.63	166.37	-16.53	4465	Pearce et al.(2007)	Du/External contribution
DF79-47	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-12.00	148.73	-66.67	NA	Pierce et al. (2011)	Cook-Williams
DF80-20	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-10.10	163.68	-69.78	NA	Pierce et al. (2011)	Cook-Williams
DF80-34	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-3.50	162.83	-69.92	NA	Pierce et al. (2011)	Cook-Williams
ELT37-09	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-21.20	141.10	-65.55	NA	Pierce et al. (2011)	Cook-Williams

ELT37-13	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-14.70	132.98	-64.67	NA	Pierce et al. (2011)	Cook-Williams
ELT49-30	Southern Ocean	NA	Queen Mary Land	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-11.90	95.23	-59.01	NA	Pierce et al. (2011)	Cook-Williams
ELT49-30	Southern Ocean	E Antarctica	Aurora and Wilkes Subglacial Basin	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-13.80	127.45	-63.97	NA	Pierce et al. (2011)	Cook-Williams
NBP0101 JPC11 2305–2310	Southern Ocean	NA	Adelie Land	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-23.60	143.05	-66.56	NA	Pierce et al. (2011)	Cook-Williams
SO93/1_27 KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	31	NA	-17.80	82.83	4.37	4235	Pierson_Wickmann2001P aleo	Du
SO93/3_11 8KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	36.3	NA	-14.30	86.80	17.00	NA	Pierson_Wickmann2001P aleo	Du
SO93/3_12 0KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	37.5	NA	-14.50	87.20	16.00	NA	Pierson_Wickmann2001P aleo	Du
SO93/3_12 0KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	32	NA	-15.30	87.20	16.00	NA	Pierson_Wickmann2001P aleo	Du
SO93/3_12 0KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	32.1	NA	-14.40	87.20	16.00	NA	Pierson_Wickmann2001P aleo	Du
SO93/3_12 6KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	27.4	NA	-11.70	90.03	19.97	1253	Pierson_Wickmann2001P aleo	Du
SO93/3_86 KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	36.7	NA	-14.00	90.90	21.00	NA	Pierson_Wickmann2001P aleo	Du
SO93/3_86 KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	34.5	NA	-12.00	90.90	21.00	NA	Pierson_Wickmann2001P aleo	Du

SO93/3_96 KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	35.8	NA	-14.10	89.50	21.40	NA	Pierson_Wic kmann2001P aleo	Du
SO93/3_96 KL	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	P	38.5	NA	-14.90	89.50	21.40	NA	Pierson_Wic kmann2001P aleo	Du
495	Atlantic Ocean	W Atlantic	Guatemala	marine sediment	bulk	NA	P	19.00	NA	2.00	-91.00	13.00	NA	Plank & Langmuir (1998)	Jeandel
KNR159_5 _30GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.00	-46.07	-28.13	2500	Pöppelmeier et al. (2019a)	External contribution
KNR159_5 _30GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.20	-46.07	-28.13	2500	Pöppelmeier et al. (2019a)	External contribution
KNR159_5 _30GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.70	-46.07	-28.13	2500	Pöppelmeier et al. (2019a)	External contribution
KNR159_5 _90GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	P	NA	NA	-9.10	-46.63	-27.35	1105	Pöppelmeier et al. (2019a)	Du/External contribution
KNR159_5 _90GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.30	-46.63	-27.35	1105	Pöppelmeier et al. (2019a)	Du/External contribution
KNR159_5 _90GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.30	-46.63	-27.35	1105	Pöppelmeier et al. (2019a)	Du/External contribution
KNR159_5 _90GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.40	-46.63	-27.35	1105	Pöppelmeier et al. (2019a)	External contribution
KNR159_5 _90GGC	Atlantic Ocean	SW Atlantic	Brazil margin	marine sediment	detrital residue	NA	MIS1	NA	NA	-8.50	-46.63	-27.35	1105	Pöppelmeier et al. (2019a)	External contribution
Bay of Biscay	Atlantic Ocean	E Atlantic	Bay of Biscaye	marine sediment	decarb. sediment	NA	P	25.00	NA	-11.60	-15.06	46.30	NA	Revel et al. (1996)	Jeandel
Myrdalssa ndur	Atlantic Ocean	N Atlantic	Iceland (South)	marine sediment	decarb. sediment	NA	P	54.00	0.51302	7.60	-21.20	63.50	NA	Revel et al. (1996)	Literature search
ODP 645	Atlantic Ocean	NW Atlantic	Baffin Bay	marine sediment	decarb. sediment	NA	P	21.00	0.51100	-32.00	-64.65	70.46	NA	Revel et al. (1996)	Literature search
Rom1	Atlantic Ocean	N Atlantic	Faeroe Islands	marine sediment	decarb. sediment	NA	P	7.00	0.51230	-6.50	-7.50	62.00	NA	Revel et al. (1996)	Literature search

SU-9033	Atlantic Ocean	NE Atlantic	Iceland Basin	marine sediment	decarb. sediment	NA	P	21.20	0.51281	3.40	-22.08	60.57	NA	Revel et al. (1996)	Literature search
SU-90P18	Atlantic Ocean	NE Atlantic	East Greenland	marine sediment	decarb. sediment	NA	P	23.00	0.51146	-23.00	-30.30	64.36	NA	Revel et al. (1996)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	NA	P	NA	0.51214	-9.70	29.47	31.81	NA	Revel et al. (2010, 2014, 2015)	Literature search
MS27PT	Mediterranean Sea	Levantine Basin	Nile delta	marine sediment	decarb. sediment	NA	MIS1	NA	0.51238	-4.99	29.47	31.81	NA	Revel et al. (2010)	Literature search
MD04-2622	Mediterranean Sea	Levantine Basin	Nile Delta	marine sediment	detrital residue	NA	MIS1	NA	NA	-6.16	33.50	33.10	NA	Revel et al. (2015)	Literature search
MD04-2627	Mediterranean Sea	Levantine Basin	Nile Delta	marine sediment	detrital residue	NA	MIS1	NA	0.51244	-3.81	29.80	31.85	NA	Revel et al. (2015)	Literature search
Core E26.1 (E1-1 cm)	Australia	E Tasman Sea	NA	marine sediment	decarb. sediment	10 µm	MIS1	10.00	0.51235	-5.60	168.33	-40.28	NA	Revel-Rolland et al. (2006)	Literature search
KSGC31-671	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	detrital residue	bulk	MIS1	NA	NA	-10.88	3.30	43.01	NA	Revillon et al. (2011)	Literature search
KSGC31-90	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	detrital residue	bulk	P	NA	NA	-11.07	3.30	43.01	NA	Revillon et al. (2011)	Literature search
KSGC32-20	Mediterranean Sea	Liguro-Balearic Basin	Gulf of Lyons	marine sediment	detrital residue	bulk	P	NA	NA	-11.78	3.10	42.96	NA	Revillon et al. (2011)	Literature search
BOFS10K	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.60	-20.70	54.70	2777	Roberts15EP SL	Tachikawa
BOFS11K	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.88	-20.30	55.20	2004	Roberts15EP SL	Tachikawa
BOFS17K	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.80	-16.50	58.00	1150	Roberts15EP SL	Tachikawa
BOFS8K	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.47	-22.10	52.50	4045	Roberts15EP SL	Tachikawa
Antarctic (Dronning Maud)	Southern Ocean	E Antarctica	Dronning Maud	marine sediment	detrital residue	NA	P	59.93	NA	-14.00	20.00	-70.00	NA	Roy et al. (2007)	Jeandel
Antarctic (Prydz Bay)	Southern Ocean	E Antarctica	Prydz Bay	marine sediment	detrital residue	NA	P	39.43	NA	-18.80	60.00	-65.00	NA	Roy et al. (2007)	Jeandel
Antarctic (Ross Sea)	Southern Ocean	W Antarctica	Ross Sea	marine sediment	detrital residue	NA	P	46.10	NA	-6.80	170.00	-70.00	NA	Roy et al. (2007)	Jeandel
Antarctic (Weddell Sea)	Southern Ocean	E Antarctica	Weddell Sea	marine sediment	detrital residue	NA	P	69.90	NA	-8.00	-40.00	-75.00	NA	Roy et al. (2007)	Jeandel

Antarctic (West Antarctic)	Southern Ocean	W Antarctica	NA	marine sediment	detrital residue	NA	P	52.90	NA	-3.70	-120.00	-70.00	NA	Roy et al. (2007)	Jeandel
Antarctic (Wilkes Land)	Southern Ocean	E Antarctica	Wilkes Land	marine sediment	detrital residue	NA	P	47.43	NA	-14.30	120.00	-65.00	NA	Roy et al. (2007)	Jeandel
V-55 (900m)	Indian Ocean	NW Indian	Gulf of Aden	marine sediment	bulk	NA	P	29.60	NA	6.30	43.15	11.60	NA	Schilling et al. (1992)	Jeandel
143R-1 (3640m)	Pacific Ocean	E Pacific	Costa Rica rift	marine sediment	bulk	NA	P	5.44	NA	9.80	-83.00	3.00	NA	Shimizu et al. (1989)	Jeandel
DF85 96-1	Southern Ocean	W Antarctica	eastern Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.28	-103.65	-73.44	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT05-20	Southern Ocean	W Antarctica	Antarctic Peninsula	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.61	-74.78	-67.18	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT05-22	Southern Ocean	W Antarctica	Antarctic Peninsula	marine sediment	detrital residue	NA	MIS1	NA	NA	0.92	-70.25	-65.95	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT11-17	Southern Ocean	W Antarctica	eastern Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-4.64	-106.64	-70.17	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT11-18	Southern Ocean	W Antarctica	eastern Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-4.66	-102.82	-70.14	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT11-19	Southern Ocean	W Antarctica	eastern Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-3.28	-99.25	-70.42	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT33-11	Southern Ocean	W Antarctica	western Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-2.65	-122.26	-70.10	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT33-12	Southern Ocean	W Antarctica	western Amundsen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-5.46	-120.17	-70.00	NA	Simoes- Perreira et al. (2018)	Cook-Williams
ELT42-09	Southern Ocean	W Antarctica	Bellingsha usen Sea	marine sediment	detrital residue	NA	MIS1	NA	NA	-4.25	-80.39	-69.99	NA	Simoes- Perreira et al. (2018)	Cook-Williams
EW9709- 01	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	<38 μ m	P	NA	0.5121	-10.20	-140.00	33.00	NA	Stancin et al. (2006)	External contribution
EW9709- 07	Pacific Ocean	NE Pacific	NA	marine sediment	detrital residue	<38 μ m	P	NA	0.5121	-10.30	-135.40	8.80	NA	Stancin et al. (2006)	External contribution

MET3901-008/000	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	bulk	MIS1	NA	NA	-10.60	-7.07	36.38	577	Stumpf et al. (2010)	Literature search
MET3901-036/000	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	bulk	MIS1	NA	NA	-10.50	-9.68	37.81	1745	Stumpf et al. (2010)	Literature search
MET3901-058/000	Atlantic Ocean	NE Atlantic	NA	marine sediment	detrital residue	bulk	MIS1	NA	NA	-9.70	-10.68	39.04	1974	Stumpf et al. (2010)	Literature search
AP01	Mediterranean Sea	Ionian Basin	NA	marine sediment	detrital residue	NA	P	21.50	NA	-11.80	19.12	39.22	NA	Tachikawa et al (2004)	Literature search
MD84-641	Mediterranean Sea	Levantine Basin	NA	marine sediment	detrital residue	NA	P	18.70	NA	-6.10	33.63	33.03	NA	Tachikawa et al (2004)	Literature search
MST1	Mediterranean Sea	Aegean Basin	Aegean Sea	marine sediment	detrital residue	NA	P	18.10	NA	-7.60	25.20	36.17	NA	Tachikawa et al (2004)	Literature search
MT15	Mediterranean Sea	Liguro-Balearic Basin	Balearic Sea	marine sediment	detrital residue	NA	P	22.40	NA	-12.50	4.50	38.88	NA	Tachikawa et al (2004)	Literature search
SL73	Mediterranean Sea	Aegean Basin	Aegean Sea	marine sediment	detrital residue	NA	P	17.00	NA	-8.40	24.52	39.67	NA	Tachikawa et al (2004)	Literature search
SL9	Mediterranean Sea	Levantine Basin	NA	marine sediment	detrital residue	NA	P	16.20	NA	-10.30	31.67	34.28	NA	Tachikawa et al (2004)	Literature search
SK187/PC33	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	17	NA	-15.50	84.50	16.27	3003	Tripathy et al. (2011)	Du/External contribution
SK187/PC33	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	22	NA	-16.90	84.50	16.27	3003	Tripathy et al. (2011)	External contribution
SK187/PC33	Indian Ocean	NE Indian	Bay of Bengal	marine sediment	decarb. sediment	NA	MIS1	18	NA	-14.60	84.50	16.27	3003	Tripathy et al. (2011)	External contribution
ODP 740, 741	Southern Ocean	NA	Gamburtsev Subglacial Mountains	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-23.10	76.68	-68.76	NA	van de Flierdt et al. (2008)	Cook-Williams
OPDP 740, 741	Southern Ocean	NA	Gamburtsev Subglacial Mountains	marine sediment	bulk	<63 μ m	MIS1	NA	NA	-23.70	76.38	-68.39	NA	van de Flierdt et al. (2008)	Cook-Williams
64PE304_80	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	NA	MIS1	NA	NA	-15.10	37.87	-18.24	1329	Van der Lubbe et al. (2016)	Du/External contribution
64PE304-47	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-11.20	41.33	-14.58	2804.00	Van der Lubbe et al. (2016)	Literature search
64PE304-56	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-14.40	41.32	-16.85	2652.00	Van der Lubbe et al. (2016)	Literature search

64PE304-66	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.10	40.05	-16.53	1103.00	Van der Lubbe et al. (2016)	Literature search
64PE304-68	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.20	40.03	-16.50	756.00	Van der Lubbe et al. (2016)	Literature search
64PE304-82	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.30	37.40	-18.88	939.00	Van der Lubbe et al. (2016)	Literature search
64PE304-86	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-14.70	36.87	-19.35	197.00	Van der Lubbe et al. (2016)	Literature search
64PE304-88	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.70	36.90	-19.37	410.00	Van der Lubbe et al. (2016)	Literature search
GIK16155-1	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.10	35.90	-20.87	836.00	Van der Lubbe et al. (2016)	Literature search
GIK16156-1	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.50	36.41	-18.94	NA	Van der Lubbe et al. (2016)	Literature search
GIK16156-5	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.20	36.40	-18.94	24.00	Van der Lubbe et al. (2016)	Literature search
GIK16157-4	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-17.70	36.54	-18.72	18.00	Van der Lubbe et al. (2016)	Literature search
GIK16158-2	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.60	37.97	-17.55	25.00	Van der Lubbe et al. (2016)	Literature search
GIK16159-1	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.40	37.92	-17.76	55.00	Van der Lubbe et al. (2016)	Literature search
GIK16160-1	Indian Ocean	SW Indian	Mozambique Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.80	37.87	-18.24	1343.00	Van der Lubbe et al. (2016)	Literature search
East Seram	Pacific Ocean	W Pacific	Papua New Guinea	marine sediment	decarb. sediment	NA	P	24.00	NA	-8.70	132.00	-4.00	NA	Vroon et al. (1995)	Jeandel
East Serua	Indian Ocean	E Eq. Indian	Indonesia	marine sediment	decarb. sediment	NA	P	21.50	NA	-8.10	132.00	-7.00	NA	Vroon et al. (1995)	Jeandel

East Timor	Indian Ocean	E Eq. Indian	Indonesia	marine sediment	decarb. sediment	NA	P	20.40	NA	-9.50	128.00	-9.00	NA	Vroon et al. (1995)	Jeandel
D-ORC-15	Southern Ocean	E Antarctica	Weddell Sea	marine sediment	detrital residue	NA	P	23.98	0.5123	-6.20	-45.70	-61.58	290	Walter et al. (2000)	Cook-Williams/External contribution
PS1016-1	Southern Ocean	W Antarctica	Weddell Sea	marine sediment	detrital residue	NA	P	18.56	0.5121	-10.40	-40.83	-77.26	702	Walter et al. (2000)	Cook-Williams/External contribution
PS1490-2	Southern Ocean	E Antarctica	Weddell Sea	marine sediment	detrital residue	NA	P	10.64	0.5122	-7.70	-35.08	-74.68	497	Walter et al. (2000)	Cook-Williams/External contribution
PS1537-2*	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	P	11.27	0.5127	1.50	-55.87	-61.98	1812	Walter et al. (2000)	Cook-Williams/External contribution
PS2515_3	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	MIS1	16.16	0.5124	-4.40	-45.29	-53.55	3471	Walter et al. (2000)	Cook-Williams/External contribution
PS1563-1	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	P	14.1	0.5126	-1.10	-68.46	-64.78	2800	Walter et al. (2000)	Cook-Williams/External contribution
PS2319-1	Southern Ocean	W Antarctica	Weddell Gyre	marine sediment	detrital residue	NA	MIS1	17.9	0.5123	-5.70	-42.68	-59.79	4323	Walter et al. (2000)	Cook-Williams/External contribution
PS2319-1	Southern Ocean	W Antarctica	Weddell Gyre	marine sediment	detrital residue	NA	MIS1	15.69	0.5123	-7.50	-42.68	-59.79	4323	Walter et al. (2000)	Cook-Williams/External contribution
PS2659-2	Southern Ocean	W Antarctica	Bellingshausen Sea	marine sediment	detrital residue	NA	P	20.91	0.5124	-3.90	-85.69	-50.75	4579	Walter et al. (2000)	Cook-Williams/External contribution
PS2684-1	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	P	24.01	0.5125	-2.60	-95.02	-69.42	4229	Walter et al. (2000)	Cook-Williams/External contribution
PS2697-1	Southern Ocean	W Antarctica	Bellingshausen Sea	marine sediment	detrital residue	NA	P	18.09	0.5125	-3.00	-89.49	-63.00	4783	Walter et al. (2000)	Cook-Williams/External contribution
PS2716-2	Southern Ocean	W Antarctica	Bellingshausen Sea	marine sediment	detrital residue	NA	P	18.7	0.5124	-4.60	-84.91	-56.02	5277	Walter et al. (2000)	Cook-Williams/External contribution
PS2805-1*	Southern Ocean	W Antarctica	Weddell Sea/ W Antarctica Peninsula	marine sediment	detrital residue	NA	P	21.2	0.5123	-5.70	-56.53	-66.09	466	Walter et al. (2000)	Cook-Williams/External contribution

GeoB3603-2	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.65	17.55	-35.13	2840	Wei et al. (2016)	Du/External contribution
GeoB3603-2	Atlantic Ocean	S Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.00	17.55	-35.13	2840	Wei et al. (2016)	External contribution
964A	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-12.15	17.76	36.27	NA	Weldeab et al. (2002a)	Scheuvs
966A	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-6.81	32.70	33.81	NA	Weldeab et al. (2002a)	Scheuvs
968A	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-6.36	32.75	34.34	NA	Weldeab et al. (2002a)	Scheuvs
969A	Mediterranean Sea	Levantine Basin	S of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.24	24.89	33.85	NA	Weldeab et al. (2002a)	Scheuvs
970A	Mediterranean Sea	Levantine Basin	S of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-10.94	24.80	33.74	NA	Weldeab et al. (2002a)	Scheuvs
971A	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.08	24.69	33.73	NA	Weldeab et al. (2002a)	Scheuvs
973A	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-12.09	18.96	35.79	NA	Weldeab et al. (2002a)	Scheuvs
KL49	Mediterranean Sea	Aegean Basin	Sea of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-8.37	25.57	36.15	NA	Weldeab et al. (2002a)	Scheuvs
KL50	Mediterranean Sea	Aegean Basin	Sea of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-5.79	25.91	35.61	NA	Weldeab et al. (2002a)	Scheuvs
KL53	Mediterranean Sea	Levantine Basin	S of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.14	24.86	33.87	NA	Weldeab et al. (2002a)	Scheuvs
KL55	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-12.54	19.91	34.30	NA	Weldeab et al. (2002a)	Scheuvs
KL59	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.00	22.67	35.82	NA	Weldeab et al. (2002a)	Scheuvs
KL60	Mediterranean Sea	Ionian Basin	S. of Sicily	marine sediment	decarb. sediment	bulk	P	NA	NA	-12.11	13.19	37.34	NA	Weldeab et al. (2002a)	Scheuvs
KL82	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-2.79	34.18	32.33	NA	Weldeab et al. (2002a)	Scheuvs
KL83	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-3.24	34.16	32.62	NA	Weldeab et al. (2002a)	Scheuvs
KL85	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-2.98	34.03	32.62	NA	Weldeab et al. (2002a)	Scheuvs
MC10	Mediterranean Sea	Ionian Basin	G. of Taranto	marine sediment	decarb. sediment	bulk	P	NA	NA	-10.01	17.04	40.14	NA	Weldeab et al. (2002a)	Scheuvs
MC21	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-9.34	28.57	33.61	NA	Weldeab et al. (2002a)	Scheuvs
MC22	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-9.48	29.46	33.25	NA	Weldeab et al. (2002a)	Scheuvs

MC23	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-5.25	30.61	32.69	NA	Weldeab et al. (2002a)	Scheuvers
MC24	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-3.28	31.18	32.33	NA	Weldeab et al. (2002a)	Scheuvers
MC25	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-3.80	31.89	32.02	NA	Weldeab et al. (2002a)	Scheuvers
MC35	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-1.03	34.85	33.03	NA	Weldeab et al. (2002a)	Scheuvers
MC38	Mediterranean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-3.82	32.63	34.44	NA	Weldeab et al. (2002a)	Scheuvers
MC515	Mediterranean Sea	Aegean Basin	Sporades B.	marine sediment	decarb. sediment	bulk	P	NA	NA	-7.63	23.73	39.28	NA	Weldeab et al. (2002a)	Scheuvers
MC521	Mediterranean Sea	Aegean Basin	Sea of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-8.21	25.28	35.82	NA	Weldeab et al. (2002a)	Scheuvers
MC522	Mediterranean Sea	Aegean Basin	Sea of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-8.43	25.44	35.85	NA	Weldeab et al. (2002a)	Scheuvers
MC531	Mediterranean Sea	Ionian Basin	S. of Otranto	marine sediment	decarb. sediment	bulk	P	NA	NA	-9.66	18.97	39.54	NA	Weldeab et al. (2002a)	Scheuvers
MC532	Mediterranean Sea	Ionian Basin	S. of Otranto	marine sediment	decarb. sediment	bulk	P	NA	NA	-9.62	19.01	39.96	NA	Weldeab et al. (2002a)	Scheuvers
MC533	Mediterranean Sea	Ionian Basin	G. of Messina	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.18	16.16	37.01	NA	Weldeab et al. (2002a)	Scheuvers
MC534	Mediterranean Sea	Ionian Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-10.96	21.47	35.24	NA	Weldeab et al. (2002a)	Scheuvers
MC536	Mediterranean Sea	Ionian Basin	G. of Messina	marine sediment	decarb. sediment	bulk	P	NA	NA	-10.90	16.01	37.40	NA	Weldeab et al. (2002a)	Scheuvers
SL67	Mediterranean Sea	Levantine Basin	SE of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-9.48	27.30	34.82	NA	Weldeab et al. (2002a)	Scheuvers
SL71	Mediterranean Sea	Ionian Basin	SW of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.45	23.20	34.82	NA	Weldeab et al. (2002a)	Scheuvers
Gulf of Guinea	Atlantic Ocean	E Atlantic	Gulf of Guinea	marine sediment	detrital residue	NA	P	20.73	0.51203	-11.80	5.49	3.62	NA	Weldeab et al. (2011)	Author contribution
MD03-2707	Atlantic Ocean	E Atlantic	Gulf of Guinea	marine sediment	detrital residue	NA	P	35.18	0.51176	-17.11	9.39	2.50	NA	Weldeab et al. (2011)	Author contribution
GeoB8332-4	Atlantic Ocean	SE Atlantic	NA	marine sediment	decarb. sediment	<125 μ m	P	NA	0.51207	-11.12	16.66	-29.13	NA	Weldeab et al. (2013)	Author contribution
712-1	Arctic Ocean	E Fram Strait	NA	marine sediment	detrital residue	NA	P	NA	NA	-11.40	6.77	78.92	1490.5	Werner et al. (2014)	Tachikawa
715-3	Arctic Ocean	E Fram Strait	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.00	6.25	79.20	1480.5	Werner et al. (2014)	Tachikawa
723-1	Arctic Ocean	E Fram Strait	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-10.90	5.34	79.16	1350.7	Werner et al. (2014)	Tachikawa

725-2	Arctic Ocean	E Fram Strait	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.10	11.32	80.95	1960	Werner et al. (2014)	Tachikawa
GS7605-11 (2625m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	21.43	NA	-9.10	-59.64	14.72	NA	White and Dupre (1985)	Jeandel
GS7605-48 (2430m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	26.80	NA	-9.60	-60.35	13.03	NA	White and Dupre (1985)	Jeandel
GS7605-53 (1685m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	27.57	NA	-11.60	-59.37	12.55	NA	White and Dupre (1985)	Jeandel
RC16-168 (836m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	22.60	NA	-10.70	-48.40	3.40	NA	White and Dupre (1985)	Jeandel
RC16-44 (1639m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	29.30	NA	-13.30	-59.58	11.03	NA	White and Dupre (1985)	Jeandel
115-707C-27R-6 (1552m)	Indian Ocean	Mascarene ridge	NA	marine sediment	decarb. sediment	NA	P	4.00	NA	7.30	60.00	-10.00	NA	White et al. (1990)	Jeandel
115-713A-19R-2 (2266m)	Indian Ocean	Maldives	NA	marine sediment	decarb. sediment	NA	P	7.50	NA	6.40	73.30	0.40	NA	White et al. (1990)	Jeandel
WIND-10B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-18.33	47.55	-29.12	2871	Wilson et al. (2012)	Tachikawa
WIND-12B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-18.18	47.92	-25.85	4196	Wilson et al. (2012)	Tachikawa
WIND-24B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-15.40	51.33	-28.54	4163	Wilson et al. (2012)	Tachikawa
WIND-28B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-14.17	51.77	-10.16	4147	Wilson et al. (2012)	Tachikawa
WIND-30B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.05	52.12	-7.98	3950	Wilson et al. (2012)	Tachikawa
WIND-32B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.80	58.22	-11.24	4117	Wilson et al. (2012)	Tachikawa
WIND-32B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.80	58.22	-11.24	4117	Wilson et al. (2012)	Tachikawa
WIND-35B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-9.36	58.07	-16.42	3934	Wilson et al. (2012)	Tachikawa
WIND-5B	Indian Ocean	S Indian	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.69	47.57	-31.57	3684	Wilson et al. (2012)	Tachikawa

CP10BC	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	MIS1	NA	0.51206	-11.17	16.57	34.55	NA	Wu et al. (2016)	Literature search
CP10BC	Mediterranean Sea	Ionian Basin	Gulf of Sirte	marine sediment	detrital residue	bulk	P	NA	NA	-11.90	16.57	34.55	NA	Wu et al. (2016)	Literature search
EEP848	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.81	NA	-3.92	-110.48	-2.99	3854.7	Xie and Marcantonio (2012)	Literature search
EEP848	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.27	NA	-4.16	-110.48	-2.99	3854.7	Xie and Marcantonio (2012)	Literature search
EEP848	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-4.28	-110.48	-2.99	3854.7	Xie and Marcantonio (2012)	Literature search
138-849	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	P	NA	NA	-3.31	-110.52	0.18	3839	Xie and Marcantonio (2012)	Literature search
138-849	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.34	NA	-3.36	-110.52	0.18	3839	Xie and Marcantonio (2012)	Literature search
138-849	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.72	NA	-3.25	-110.52	0.18	3839	Xie and Marcantonio (2012)	Literature search
138-849	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-3.41	-110.52	0.18	3839	Xie and Marcantonio (2012)	Literature search
138-850	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	P	0.54	NA	-3.60	-110.52	1.30	3786.1	Xie and Marcantonio (2012)	Literature search
138-850	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.75	NA	-3.49	-110.52	1.30	3786.1	Xie and Marcantonio (2012)	Literature search
138-850	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-3.52	-110.52	1.30	3786.1	Xie and Marcantonio (2012)	Literature search
138-851	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	P	0.74	NA	-3.52	-110.57	2.77	3760.3	Xie and Marcantonio (2012)	Literature search
138-851	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	0.79	NA	-3.52	-110.57	2.77	3760.3	Xie and Marcantonio (2012)	Literature search

138-851	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-3.43	-110.57	2.77	3760.3	Xie and Marcantonio (2012)	Literature search
138-852	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	1.88	NA	-3.81	-110.08	5.29	3860.1	Xie and Marcantonio (2012)	Literature search
138-852	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	1.59	NA	-3.54	-110.08	5.29	3860.1	Xie and Marcantonio (2012)	Literature search
138-852	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	2.02	NA	-3.95	-110.08	5.29	3860.1	Xie and Marcantonio (2012)	Literature search
138-852	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-3.49	-110.08	5.29	3860.1	Xie and Marcantonio (2012)	Literature search
138-853	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	2.65	NA	-3.86	-109.75	7.21	3714.1	Xie and Marcantonio (2012)	Literature search
138-853	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	2.86	NA	-4.17	-109.75	7.21	3714.1	Xie and Marcantonio (2012)	Literature search
138-853	Pacific Ocean	E Eq Pacific	NA	marine sediment	detrital residue	<63 μ m	MIS1	NA	NA	-4.18	-109.75	7.21	3714.1	Xie and Marcantonio (2012)	Literature search
MD06_304_7	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	0.70	124.80	17.01	2510	Xu et al. (2015)	Du/External contribution
MD06_304_7	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	2.20	124.80	17.01	2510	Xu et al. (2015)	Du/External contribution
MD06_304_7	Pacific Ocean	W Eq Pacific	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-0.40	124.80	17.01	2510	Xu et al. (2015)	Du/External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	P	NA	NA	-12.63	-69.00	40.00	1820	Zhao et al. (2019)	External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.50	-69.00	40.00	1820	Zhao et al. (2019)	External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.76	-69.00	40.00	1820	Zhao et al. (2019)	External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-11.96	-69.00	40.00	1820	Zhao et al. (2019)	External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.21	-69.00	40.00	1820	Zhao et al. (2019)	External contribution
KNR198_GGC35	Atlantic Ocean	NW Atlantic	NA	marine sediment	detrital residue	NA	MIS1	NA	NA	-12.04	-69.00	40.00	1820	Zhao et al. (2019)	External contribution

KNR198_	Atlantic			marine										Zhao et al.	External
GGC35	Ocean	NW Atlantic	NA	sediment	detrital residue	NA	MIS1	NA	NA	-11.84	-69.00	40.00	1820	(2019)	contribution