

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Rb (ppm)	Sr (ppm)	Rb/Sr	⁸⁷ Rb/ ⁸⁶ Sr
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	117	61	1.918	5.543
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	130	62	2.097	6.060
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	116	58	2.000	5.780
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	121	71	1.704	4.925
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	124	65	1.908	5.513
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	56	84	0.667	1.927
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	62	63	0.984	2.844
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	125	114	1.096	3.169
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	103	80	1.288	3.721
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	132	93	1.419	4.102
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	99	56	1.768	5.109
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	129	72	1.792	5.178
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	125	67	1.866	5.392
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	137	62	2.210	6.386
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	136	47	2.894	8.363
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	124	59	2.102	6.074
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	73	53	1.377	3.981
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	100	50	2.000	5.780
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	127	57	2.228	6.439
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	121	40	3.025	8.742
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	61	63	0.968	2.798
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	134	62	2.161	6.246
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1270	57	22.281	64.391
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	144	38	3.789	10.952
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	88	65	1.354	3.913
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	140	80	1.750	5.058
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	138	68	2.029	5.865
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	122	67	1.821	5.262
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	73	48	1.521	4.395
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	138	52	2.654	7.670
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	133	53	2.509	7.252
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	132	52	2.538	7.336
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	116	48	2.417	6.984
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	108	64	1.688	4.877
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	127.21	41.9	3.036	8.774
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	140.09	37.28	3.758	10.860
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	143.44	37.42	3.833	11.078
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	143.04	32.44	4.409	12.743
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	127.85	45.55	2.807	8.112
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	76.23	44.19	1.725	4.985
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	142	38	3.737	10.799
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	145.79	45.46	3.207	9.268
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	147.23	35.66	4.129	11.932
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	137.24	32.23	4.258	12.306
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	106.23	48.13	2.207	6.379
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	82.7	54.7	1.512	4.369
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	135.53	41.07	3.300	9.537
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	61.3	55	1.115	3.221
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	116.3	63.8	1.823	5.268

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sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	63.4	59.7	1.062	3.069
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	161.1	98.1	1.642	4.746
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	146.4	71.5	2.048	5.917
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	140.32	40.54	3.461	10.003
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	70.5	48.7	1.448	4.184
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	127	55.3	2.297	6.637
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	160.8	65.8	2.444	7.062
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	161.9	50.4	3.212	9.284
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	67	295	0.227	0.656
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	163	108	1.509	4.362
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	175	99	1.768	5.109
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	172	143	1.203	3.476
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	107	44	2.432	7.028
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	110	71	1.549	4.477
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87	67	1.299	3.753
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87	120	0.725	2.095
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	123	139	0.885	2.557
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	134	66	2.030	5.868
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	134	43.2	3.102	8.964
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	130	79.5	1.635	4.726
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	112	101	1.109	3.205
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	135	83.7	1.613	4.661
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	133	111	1.198	3.463
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	134	113	1.186	3.427
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	121	93	1.301	3.760
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	136	113	1.204	3.478
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	146	132	1.106	3.197
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	137	68	2.015	5.823
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	178	89	2.000	5.780
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	197	49.2	4.004	11.572
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	191	63.7	2.998	8.665
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	176	169	1.041	3.010
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	145	170	0.853	2.465
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	226	275	0.822	2.375
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	175	237	0.738	2.134
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	142	248	0.573	1.655
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	112	170	0.659	1.904
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	148	220	0.673	1.944
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	146	140	1.043	3.014
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	174	129	1.349	3.898
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	179	95	1.884	5.445
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	146	140	1.043	3.014
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	180	163	1.104	3.191
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	214	80	2.675	7.731
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	191	29	6.586	19.034
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	148	138	1.072	3.099
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	158	229	0.690	1.994
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	232	123	1.886	5.451
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	134	150	0.893	2.582

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aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	187	188	0.995	2.875
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	66	121	0.545	1.576
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	122	182	0.670	1.937
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	245	87	2.816	8.139
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	200	107	1.869	5.402
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	376	14	26.857	77.617
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	105	196	0.536	1.548
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	119	252	0.472	1.365
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	88	281	0.313	0.905
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	98	169	0.580	1.676
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	155	432	0.359	1.037
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	97	186	0.522	1.507
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	151	419	0.360	1.042
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	122	440	0.277	0.801
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	85	240	0.354	1.024
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	52	247	0.211	0.608
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	64	282	0.227	0.656
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	58	258	0.225	0.650
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	126	233	0.541	1.563
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	130	162	0.802	2.319
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	148	151	0.980	2.833
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	108	141	0.766	2.214
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	60	76	0.789	2.282
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	93	165	0.564	1.629
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	109	144	0.757	2.188
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	211	110	1.918	5.544
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	81	113	0.717	2.072
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	154	144	1.069	3.091
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	75	154	0.487	1.407
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	115	147	0.782	2.261
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	134	189	0.709	2.049
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	231	73	3.164	9.145
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	278	12	23.167	66.952
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	223	111	2.009	5.806
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	273	58	4.707	13.603
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	86	379	0.227	0.656
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	402	41	9.805	28.336
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	845	164	5.152	14.891
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	494	34	14.529	41.990
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	214	44	4.864	14.056
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	312	51	6.118	17.680
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	511	27	18.926	54.696
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	360	42	8.571	24.771
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	303	22	13.773	39.803
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	104	243	0.428	1.237
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	99	52	1.904	5.502
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	407	48	8.479	24.505
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	260	66	3.939	11.385
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1680	291	5.773	16.685

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Rb (ppm)	Sr (ppm)	Rb/Sr	⁸⁷ Rb/ ⁸⁶ Sr
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1110	29	38.276	110.617
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	518	24	21.583	62.376
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	586	142	4.127	11.926
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	26	153	0.170	0.491
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	197	122	1.615	4.667
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1500	236	6.356	18.369
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1050	261	4.023	11.626
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	97	202	0.480	1.388
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	568	25	22.720	65.661
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	441	6	73.500	212.415
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	697	320	2.178	6.295
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	277	5	55.400	160.106
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1480	63	23.492	67.892
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	926	4	231.500	669.035
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplite-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	233	41	5.683	16.424
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	756	12	63.000	182.070

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_{(0)}$	erro (2s)	T (a)	$^{87}\text{Sr}/^{88}\text{Sr}$
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.751354	0.000057	541000000	0.089712
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.751268	0.000048	541000000	0.089701
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.752945	0.000080	541000000	0.089902
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.745150	0.000044	541000000	0.088971
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.747867	0.000050	541000000	0.089295
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.723840	0.000042	541000000	0.086426
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.736581	0.000059	541000000	0.087948
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.736602	0.000022	541000000	0.087950
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.737731	0.000012	541000000	0.088085
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.744904	0.000024	541000000	0.088942
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.745913	0.000052	541000000	0.089062
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.744478	0.000025	541000000	0.088891
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.750575	0.000019	541000000	0.089619
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.756579	0.000012	541000000	0.090336
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.760747	0.000040	541000000	0.090833
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.751841	0.000011	541000000	0.089770
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.738511	0.000017	541000000	0.088178
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.746968	0.000020	541000000	0.089188
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.755196	0.000010	541000000	0.090170
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.768060	0.000018	541000000	0.091706
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.729831	0.000017	541000000	0.087142
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.752229	0.000008	541000000	0.089816
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.003950	0.000029	541000000	0.119872
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.768735	0.000030	541000000	0.091787
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.739215	0.000012	541000000	0.088262
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.748781	0.000006	541000000	0.089405
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.746096	0.000012	541000000	0.089084
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	0.745351	0.000017	541000000	0.088995
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	0.739957	0.000016	541000000	0.088351
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	0.760070	0.000020	541000000	0.090752
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76000	0.00020	541000000	0.090744
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76077	0.00018	541000000	0.090836
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.75742	0.00016	541000000	0.090436
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74629	0.00020	541000000	0.089107
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76696	0.00018	541000000	0.091575
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.77992	0.00012	541000000	0.093122
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.78085	0.00012	541000000	0.093233
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.79150	0.00010	541000000	0.094505
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76237	0.00018	541000000	0.091027
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74297	0.00012	541000000	0.088711
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.77525	0.00024	541000000	0.092565
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76659	0.00012	541000000	0.091531
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.78191	0.00008	541000000	0.093360
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.78230	0.00010	541000000	0.093407
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.75903	0.00010	541000000	0.090628
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74313	0.00014	541000000	0.088730
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.77252	0.00020	541000000	0.092239
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.73522	0.00016	541000000	0.087785
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74648	0.00018	541000000	0.089130

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_{(0)}$	erro (2s)	T (a)	$^{87}\text{Sr}/^{88}\text{Sr}$
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.73495	0.00030	541000000	0.087753
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74318	0.00022	541000000	0.088736
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.75004	0.00024	541000000	0.089555
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76965	0.00014	541000000	0.091896
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.74176	0.00012	541000000	0.088566
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.75245	0.00014	541000000	0.089843
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.75334	0.00010	541000000	0.089949
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.76277	0.00016	541000000	0.091075
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.7194	0.0000012	541000000	0.085896
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.7351	0.0000012	541000000	0.087771
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.7429	0.0000014	541000000	0.088702
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.7291	0.0000014	541000000	0.087055
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.749837	0.000006	541000000	0.089531
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.73824	0.000008	541000000	0.088146
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.730853	0.000004	541000000	0.087264
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.719391	0.000004	541000000	0.085895
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.72947	0.000018	541000000	0.087099
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.72947	0.000018	541000000	0.087099
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.75258	0.000017	541000000	0.089858
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.74182	0.000018	541000000	0.088573
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.72817	0.000016	541000000	0.086943
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.73939	0.000016	541000000	0.088283
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.733814	0.000005	541000000	0.087617
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.733154	0.000005	541000000	0.087539
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.73693	0.000019	541000000	0.087989
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.72747	0.000026	541000000	0.086860
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.72059	0.000001	541000000	0.086038
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.74296	0.000022	541000000	0.088709
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.74637	0.000021	541000000	0.089117
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.77767	0.00002	541000000	0.092854
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.76484	0.000021	541000000	0.091322
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.71923	0.000001	541000000	0.085876
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.71768	0.000001	541000000	0.085691
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.73084	0.000003	541000000	0.087262
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.72757	0.000003	541000000	0.086872
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.726	0.000002	541000000	0.086684
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.72952	0.000003	541000000	0.087105
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.72806	0.000003	541000000	0.086930
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.73531	0.000003	541000000	0.087796
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.73301	0.000003	541000000	0.087521
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.74084	0.000002	541000000	0.088456
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.73531	0.000005	541000000	0.087796
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.732933	0.000007	541000000	0.087512
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.755385	0.000005	541000000	0.090193
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.804386	0.000005	541000000	0.096044
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.72985	0.000004	541000000	0.087144
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.726581	0.000004	541000000	0.086754
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.744538	0.000005	541000000	0.088898
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.730434	0.000006	541000000	0.087214

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	⁸⁷ Sr/ ⁸⁶ Sr ₍₀₎	erro (2s)	T (a)	⁸⁷ Sr/ ⁸⁸ Sr
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	0.731984	0.000006	541000000	0.087399
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.72338	0.000005	541000000	0.086372
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.72359	0.000009	541000000	0.086397
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.76281	0.000003	541000000	0.091080
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.74623	0.000003	541000000	0.089100
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.29063	0.000004	541000000	0.154101
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	0.7203	0.000003	541000000	0.086004
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71546	0.000003	541000000	0.085426
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71514	0.000003	541000000	0.085388
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71815	0.000003	541000000	0.085747
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71038	0.000002	541000000	0.084819
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71696	0.000001	541000000	0.085605
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71182	0.000002	541000000	0.084991
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.70982	0.000001	541000000	0.084753
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71645	0.000001	541000000	0.085544
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71255	0.000001	541000000	0.085078
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71235	0.000001	541000000	0.085055
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.71578	0.000006	541000000	0.085464
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.72028	0.000003	541000000	0.086001
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.7203	0.000003	541000000	0.086004
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.72164	0.000006	541000000	0.086164
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.72694	0.000005	541000000	0.086797
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.71465	0.000009	541000000	0.085329
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.719863	0.000019	541000000	0.085952
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.721997	0.000017	541000000	0.086206
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.739256	0.000018	541000000	0.088267
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.720274	0.000019	541000000	0.086001
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.727674	0.000025	541000000	0.086884
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.718287	0.000020	541000000	0.085763
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.724881	0.000017	541000000	0.086551
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	0.717760	0.000022	480000000	0.085701
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.771056	0.000007	480000000	0.092064
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	1.183502	0.000011	480000000	0.141310
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.735861	0.000005	480000000	0.087862
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	0.815475	0.000016	480000000	0.097368
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	0.710495	0.000007	480000000	0.084833
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.917362	0.000005	310000000	0.109533
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.788601	0.000006	310000000	0.094159
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.928217	0.000016	310000000	0.110829
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.774139	0.000009	310000000	0.092432
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.790066	0.000006	310000000	0.094334
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.968149	0.000005	310000000	0.115597
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.819275	0.000011	310000000	0.097821
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.906934	0.000014	310000000	0.108288
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.712819	0.000040	480000000	0.085111
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.744222	0.000044	480000000	0.088860
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.825026	0.000011	310000000	0.098508
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.765245	0.000009	310000000	0.091370
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.806509	0.000007	310000000	0.096297

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_{(0)}$	erro (2s)	T (a)	$^{87}\text{Sr}/^{88}\text{Sr}$
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.130183	0.000003	310000000	0.134944
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.980142	0.000028	310000000	0.117029
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.773536	0.000012	310000000	0.092360
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	0.713967	0.000010	310000000	0.085248
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	0.732126	0.000007	310000000	0.087416
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.807426	0.000004	310000000	0.096407
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.787631	0.000010	310000000	0.094043
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	0.720086	0.000014	310000000	0.085978
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.002717	0.000014	310000000	0.119724
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	1.709958	0.000029	310000000	0.204169
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.735799	0.000009	310000000	0.087854
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	1.561593	0.000015	310000000	0.186454
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.020817	0.000005	310000000	0.121886
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	5.487961	0.000043	310000000	0.655263
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplite-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.793794	0.000024	310000000	0.094779
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.537974	0.000010	310000000	0.183634

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Sum ratios	Abund 84	Abund 86	Abund 87
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	1.215862	0.005552	0.098202	0.073784
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	1.215851	0.005552	0.098203	0.073777
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	1.216052	0.005551	0.098187	0.073929
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	1.215121	0.005555	0.098262	0.073220
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	1.215445	0.005554	0.098236	0.073467
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	1.212576	0.005567	0.098468	0.071275
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	1.214098	0.005560	0.098345	0.072439
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	1.214100	0.005560	0.098344	0.072441
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	1.214235	0.005559	0.098334	0.072544
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	1.215092	0.005555	0.098264	0.073197
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	1.215212	0.005555	0.098254	0.073289
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215041	0.005555	0.098268	0.073159
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215769	0.005552	0.098209	0.073714
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.216486	0.005549	0.098152	0.074259
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.216983	0.005547	0.098111	0.074638
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215920	0.005551	0.098197	0.073829
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.214328	0.005559	0.098326	0.072615
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215338	0.005554	0.098244	0.073385
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.216320	0.005550	0.098165	0.074134
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.217856	0.005543	0.098041	0.075301
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.213292	0.005563	0.098410	0.071823
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215966	0.005551	0.098194	0.073864
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.246022	0.005417	0.095825	0.096203
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.217937	0.005542	0.098035	0.075363
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.214412	0.005558	0.098319	0.072679
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215555	0.005553	0.098227	0.073550
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	1.215234	0.005554	0.098253	0.073306
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	1.215145	0.005555	0.098260	0.073238
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	1.214501	0.005558	0.098312	0.072747
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	1.216902	0.005547	0.098118	0.074577
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.216894	0.005547	0.098119	0.074570
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.216986	0.005546	0.098111	0.074640
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.216586	0.005548	0.098143	0.074336
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.215257	0.005554	0.098251	0.073324
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.217725	0.005543	0.098052	0.075202
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.219272	0.005536	0.097927	0.076375
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.219383	0.005536	0.097918	0.076460
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.220655	0.005530	0.097816	0.077422
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.217177	0.005546	0.098096	0.074785
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.214861	0.005556	0.098283	0.073021
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.218715	0.005539	0.097972	0.075953
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.217681	0.005543	0.098055	0.075168
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.219510	0.005535	0.097908	0.076555
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.219557	0.005535	0.097904	0.076591
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.216778	0.005547	0.098128	0.074482
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.214880	0.005556	0.098281	0.073036
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.218389	0.005540	0.097998	0.075706
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.213935	0.005560	0.098358	0.072315
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.215280	0.005554	0.098249	0.073341

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Sum ratios	Abund 84	Abund 86	Abund 87
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.213903	0.005561	0.098360	0.072290
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.214886	0.005556	0.098281	0.073040
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.215705	0.005552	0.098215	0.073665
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.218046	0.005542	0.098026	0.075446
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.214716	0.005557	0.098295	0.072911
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.215993	0.005551	0.098191	0.073884
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.216099	0.005551	0.098183	0.073965
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	1.217225	0.005545	0.098092	0.074822
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	1.212046	0.005569	0.098511	0.070869
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	1.213921	0.005560	0.098359	0.072304
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	1.214852	0.005556	0.098284	0.073015
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	1.213205	0.005564	0.098417	0.071756
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.215681	0.005552	0.098217	0.073646
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.214296	0.005559	0.098329	0.072590
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213414	0.005563	0.098400	0.071916
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.212045	0.005569	0.098511	0.070868
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213249	0.005564	0.098413	0.071790
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213249	0.005564	0.098413	0.071790
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.216008	0.005551	0.098190	0.073896
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.214723	0.005557	0.098294	0.072916
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213093	0.005564	0.098426	0.071671
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.214433	0.005558	0.098317	0.072695
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213767	0.005561	0.098371	0.072186
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	1.213689	0.005562	0.098378	0.072126
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	1.214139	0.005559	0.098341	0.072471
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	1.213010	0.005565	0.098433	0.071607
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.212188	0.005568	0.098500	0.070978
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.214859	0.005556	0.098283	0.073020
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.215267	0.005554	0.098250	0.073331
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.219004	0.005537	0.097949	0.076172
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.217472	0.005544	0.098072	0.075009
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.212026	0.005569	0.098513	0.070853
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	1.211841	0.005570	0.098528	0.070711
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213412	0.005563	0.098400	0.071915
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213022	0.005565	0.098432	0.071616
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.212834	0.005565	0.098447	0.071473
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213255	0.005564	0.098413	0.071794
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213080	0.005564	0.098427	0.071661
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213946	0.005560	0.098357	0.072323
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213671	0.005562	0.098379	0.072113
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.214606	0.005557	0.098303	0.072827
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213946	0.005560	0.098357	0.072323
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213662	0.005562	0.098380	0.072106
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.216343	0.005549	0.098163	0.074151
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.222194	0.005523	0.097693	0.078583
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213294	0.005563	0.098410	0.071824
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.212904	0.005565	0.098441	0.071526
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.215048	0.005555	0.098268	0.073164
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	1.213364	0.005563	0.098404	0.071878

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Sum ratios	Abund 84	Abund 86	Abund 87
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	1.213549	0.005562	0.098389	0.072019
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.212522	0.005567	0.098472	0.071233
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.212547	0.005567	0.098470	0.071252
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.217230	0.005545	0.098092	0.074825
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.215250	0.005554	0.098251	0.073318
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	1.280251	0.005272	0.093263	0.120368
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	1.212154	0.005569	0.098502	0.070951
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211576	0.005571	0.098549	0.070508
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211538	0.005571	0.098552	0.070479
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211897	0.005570	0.098523	0.070754
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.210969	0.005574	0.098599	0.070043
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211755	0.005570	0.098535	0.070645
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211141	0.005573	0.098585	0.070175
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.210903	0.005574	0.098604	0.069991
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211694	0.005571	0.098540	0.070599
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211228	0.005573	0.098578	0.070241
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211205	0.005573	0.098580	0.070223
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	1.211614	0.005571	0.098546	0.070537
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	1.212151	0.005569	0.098503	0.070949
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	1.212154	0.005569	0.098502	0.070951
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	1.212314	0.005568	0.098489	0.071074
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	1.212947	0.005565	0.098438	0.071558
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	1.211479	0.005572	0.098557	0.070434
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.212102	0.005569	0.098507	0.070911
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.212356	0.005568	0.098486	0.071107
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.214417	0.005558	0.098319	0.072683
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.212151	0.005569	0.098503	0.070949
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.213034	0.005565	0.098431	0.071626
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.211913	0.005570	0.098522	0.070767
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	1.212701	0.005566	0.098458	0.071370
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	1.211851	0.005570	0.098527	0.070719
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	1.218214	0.005541	0.098012	0.075573
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	1.267460	0.005326	0.094204	0.111491
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	1.214012	0.005560	0.098352	0.072373
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	1.223518	0.005517	0.097587	0.079580
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	1.210983	0.005574	0.098598	0.070053
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.235683	0.005463	0.096627	0.088642
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.220309	0.005531	0.097844	0.077160
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.236979	0.005457	0.096525	0.089597
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.218582	0.005539	0.097983	0.075852
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.220484	0.005531	0.097830	0.077292
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.241747	0.005436	0.096155	0.093092
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.223971	0.005515	0.097551	0.079921
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.234438	0.005468	0.096724	0.087722
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	1.211261	0.005573	0.098575	0.070266
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	1.215010	0.005556	0.098271	0.073135
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.224658	0.005512	0.097497	0.080437
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.217520	0.005544	0.098068	0.075046
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.222447	0.005522	0.097673	0.078774

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Sum ratios	Abund 84	Abund 86	Abund 87
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.261094	0.005352	0.094680	0.107005
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.243179	0.005430	0.096044	0.094137
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.218510	0.005540	0.097989	0.075798
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	1.211398	0.005572	0.098564	0.070371
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	1.213566	0.005562	0.098388	0.072032
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.222557	0.005521	0.097664	0.078857
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.220193	0.005532	0.097853	0.077072
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	1.212128	0.005569	0.098504	0.070932
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.245874	0.005418	0.095836	0.096097
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	1.330319	0.005074	0.089753	0.153474
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	1.214004	0.005560	0.098352	0.072367
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	1.312604	0.005142	0.090964	0.142049
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.248036	0.005408	0.095670	0.097662
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.781413	0.003789	0.067025	0.367833
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplito-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.220929	0.005529	0.097794	0.077629
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.309784	0.005154	0.091160	0.140202

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Abund 88	Sum abund	Atomic W 84
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.822462	1.000000	0.465855
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.822469	1.000000	0.465859
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.822334	1.000000	0.465783
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.822963	1.000000	0.466139
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.822744	1.000000	0.466015
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.824690	1.000000	0.467117
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.823657	1.000000	0.466532
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.823655	1.000000	0.466531
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.823564	1.000000	0.466479
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.822983	1.000000	0.466151
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.822902	1.000000	0.466104
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.823018	1.000000	0.466170
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822525	1.000000	0.465891
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822040	1.000000	0.465616
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.821704	1.000000	0.465426
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822423	1.000000	0.465833
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.823501	1.000000	0.466444
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822816	1.000000	0.466056
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822152	1.000000	0.465680
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.821115	1.000000	0.465092
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.824204	1.000000	0.466842
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822391	1.000000	0.465815
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.802554	1.000000	0.454579
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.821061	1.000000	0.465062
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.823444	1.000000	0.466411
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822670	1.000000	0.465973
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.822887	1.000000	0.466096
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	0.822947	1.000000	0.466130
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	0.823384	1.000000	0.466377
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	0.821759	1.000000	0.465457
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821764	1.000000	0.465460
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821702	1.000000	0.465425
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821972	1.000000	0.465578
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.822871	1.000000	0.466087
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821203	1.000000	0.465142
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820161	1.000000	0.464552
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820087	1.000000	0.464510
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.819232	1.000000	0.464026
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821573	1.000000	0.465352
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823140	1.000000	0.466239
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820536	1.000000	0.464765
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821233	1.000000	0.465159
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820001	1.000000	0.464462
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.819970	1.000000	0.464444
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821842	1.000000	0.465504
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823127	1.000000	0.466232
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820756	1.000000	0.464889
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823767	1.000000	0.466595
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.822856	1.000000	0.466078

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Abund 88	Sum abund	Atomic W 84
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823789	1.000000	0.466607
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823123	1.000000	0.466230
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.822568	1.000000	0.465915
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.820987	1.000000	0.465020
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.823238	1.000000	0.466295
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.822373	1.000000	0.465805
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.822302	1.000000	0.465764
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.821541	1.000000	0.465334
xeira et al., 2(	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.825051	1.000000	0.467322
xeira et al., 2(	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.823777	1.000000	0.466600
xeira et al., 2(	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.823145	1.000000	0.466242
xeira et al., 2(	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.824263	1.000000	0.466876
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.822585	1.000000	0.465925
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.823523	1.000000	0.466456
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.824121	1.000000	0.466795
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.825052	1.000000	0.467322
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.824233	1.000000	0.466859
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.824233	1.000000	0.466859
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.822363	1.000000	0.465799
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.823233	1.000000	0.466292
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.824339	1.000000	0.466918
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.823429	1.000000	0.466403
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.823881	1.000000	0.466659
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.823935	1.000000	0.466689
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.823629	1.000000	0.466516
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.824396	1.000000	0.466951
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.824954	1.000000	0.467267
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.823141	1.000000	0.466240
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.822865	1.000000	0.466083
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.820342	1.000000	0.464655
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.821374	1.000000	0.465239
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.825065	1.000000	0.467330
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.825191	1.000000	0.467401
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824122	1.000000	0.466796
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824387	1.000000	0.466946
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824515	1.000000	0.467018
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824229	1.000000	0.466856
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824348	1.000000	0.466923
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823760	1.000000	0.466590
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823946	1.000000	0.466696
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823312	1.000000	0.466337
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823760	1.000000	0.466590
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823952	1.000000	0.466700
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.822137	1.000000	0.465671
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.818201	1.000000	0.463442
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824202	1.000000	0.466841
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824468	1.000000	0.466991
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.823013	1.000000	0.466167
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.824155	1.000000	0.466814

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Abund 88	Sum abund	Atomic W 84
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	0.824029	1.000000	0.466743
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.824728	1.000000	0.467139
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.824711	1.000000	0.467129
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.821538	1.000000	0.465332
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.822876	1.000000	0.466090
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.781097	1.000000	0.442425
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	0.824978	1.000000	0.467280
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825371	1.000000	0.467503
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825397	1.000000	0.467518
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825153	1.000000	0.467379
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825785	1.000000	0.467737
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825249	1.000000	0.467434
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825667	1.000000	0.467671
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825830	1.000000	0.467763
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825291	1.000000	0.467458
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825608	1.000000	0.467637
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825624	1.000000	0.467647
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.825345	1.000000	0.467488
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.824979	1.000000	0.467281
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.824978	1.000000	0.467280
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.824869	1.000000	0.467219
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.824439	1.000000	0.466975
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.825437	1.000000	0.467541
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.825013	1.000000	0.467300
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.824840	1.000000	0.467202
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.823440	1.000000	0.466409
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.824980	1.000000	0.467282
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.824379	1.000000	0.466941
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.825141	1.000000	0.467373
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.824606	1.000000	0.467070
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	0.825184	1.000000	0.467397
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.820874	1.000000	0.464956
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.788979	1.000000	0.446890
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.823715	1.000000	0.466565
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	0.817315	1.000000	0.462940
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	0.825775	1.000000	0.467732
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.809269	1.000000	0.458383
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.819465	1.000000	0.464158
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.808421	1.000000	0.457902
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.820626	1.000000	0.464815
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.819347	1.000000	0.464091
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.805317	1.000000	0.456144
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.817013	1.000000	0.462769
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.810085	1.000000	0.458845
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.825586	1.000000	0.467625
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.823038	1.000000	0.466182
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.816554	1.000000	0.462509
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.821342	1.000000	0.465221
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.818031	1.000000	0.463346

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Abund 88	Sum abund	Atomic W 84
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.792962	1.000000	0.449146
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.804389	1.000000	0.455619
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.820674	1.000000	0.464843
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	0.825493	1.000000	0.467572
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	0.824018	1.000000	0.466737
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.817958	1.000000	0.463304
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.819542	1.000000	0.464202
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	0.824995	1.000000	0.467290
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.802649	1.000000	0.454633
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.751699	1.000000	0.425774
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.823720	1.000000	0.466568
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.761844	1.000000	0.431521
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.801259	1.000000	0.453846
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.561352	1.000000	0.317959
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplito-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.819048	1.000000	0.463922
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.763485	1.000000	0.432450

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W 86	Atomic W 87	Atomic W 88
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	8.356031	6.412522	72.299030
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	8.356101	6.411846	72.299637
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	8.354726	6.425095	72.287738
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	8.361125	6.363449	72.343106
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	8.358894	6.384947	72.323797
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	8.378670	6.194437	72.494906
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	8.368171	6.295570	72.404072
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	8.368154	6.295743	72.403917
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	8.367225	6.304689	72.395881
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	8.361327	6.361502	72.344854
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	8.360498	6.369490	72.337680
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.361677	6.358131	72.347882
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.356670	6.406367	72.304558
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.351746	6.453806	72.261950
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.348330	6.486708	72.232399
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.355631	6.416373	72.295571
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.366583	6.310869	72.390331
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.359632	6.377834	72.330185
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.352880	6.442881	72.271762
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.342345	6.544369	72.180610
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.373730	6.242022	72.452167
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.355313	6.419442	72.292814
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.153773	8.360939	70.549030
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.341793	6.549682	72.175837
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.366004	6.316450	72.385318
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.358143	6.392182	72.317299
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	8.360348	6.370939	72.336378
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	8.360960	6.365044	72.341673
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	8.365394	6.322328	72.380039
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	8.348885	6.481364	72.237199
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.348942	6.480811	72.237695
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.348312	6.486887	72.232238
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.351056	6.460446	72.255987
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.360188	6.372473	72.335001
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.343245	6.535698	72.188397
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.332656	6.637703	72.096780
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.331897	6.645012	72.090215
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.323217	6.728627	72.015115
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.347001	6.499509	72.220901
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.362916	6.346194	72.358604
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.336468	6.600976	72.129767
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.343547	6.532782	72.191016
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.331032	6.653342	72.082733
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.330714	6.656407	72.079981
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.349737	6.473155	72.244571
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.362785	6.347460	72.357466
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.338699	6.579491	72.149064
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.369291	6.284783	72.413761
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.360032	6.373976	72.333651

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W 86	Atomic W 87	Atomic W 88
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.369513	6.282642	72.415684
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.362744	6.347856	72.357110
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.357109	6.402135	72.308360
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.341045	6.556892	72.169362
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.363911	6.336612	72.367210
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.355132	6.421186	72.291248
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.354402	6.428219	72.284931
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	8.346674	6.502664	72.218067
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	8.382334	6.159135	72.526614
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	8.369390	6.283831	72.414615
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	8.362974	6.345639	72.359102
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	8.374332	6.236222	72.457376
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.357276	6.400529	72.309801
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.366806	6.308724	72.392257
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.372888	6.250138	72.444878
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.382342	6.159063	72.526678
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.374027	6.239160	72.454738
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.374027	6.239160	72.454738
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.355025	6.422213	72.290326
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.363862	6.337087	72.366783
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.375099	6.228838	72.464009
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.365860	6.317837	72.384072
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.370449	6.273632	72.423776
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	8.370992	6.268396	72.428479
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	8.367884	6.298341	72.401583
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	8.375676	6.223278	72.469002
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.381352	6.168600	72.518112
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.362925	6.346114	72.358675
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.360123	6.373106	72.334432
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.334492	6.620012	72.112669
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.344979	6.518987	72.203406
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.382475	6.157782	72.527828
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	8.383755	6.145450	72.538905
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.372898	6.250034	72.444971
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.375593	6.224073	72.468289
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.376888	6.211602	72.479489
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.373986	6.239556	72.454381
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.375189	6.227964	72.464793
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.369217	6.285497	72.413120
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.371111	6.267254	72.429505
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.364667	6.329325	72.373755
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.369217	6.285497	72.413120
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.371174	6.266643	72.430053
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.352725	6.444375	72.270421
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.312740	6.829564	71.924458
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.373714	6.242176	72.452029
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.376409	6.216217	72.475344
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.361628	6.358607	72.347454
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	8.373233	6.246812	72.447865

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W 86	Atomic W 87	Atomic W 88
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	8.371956	6.259113	72.436816
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	8.379049	6.190782	72.498189
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	8.378876	6.192451	72.496690
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	8.346641	6.502980	72.217784
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	8.360238	6.371998	72.335427
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	7.935769	10.461045	68.662788
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	8.381591	6.166293	72.520184
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.385589	6.127781	72.554775
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.385853	6.125233	72.557063
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.383367	6.149190	72.535546
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.389789	6.087319	72.591116
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.384350	6.139720	72.544051
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.388598	6.098793	72.580811
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.390252	6.082856	72.595124
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.384771	6.135661	72.547697
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.387995	6.104608	72.575588
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.388160	6.103015	72.577019
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	8.385325	6.130328	72.552487
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	8.381608	6.166134	72.520327
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	8.381591	6.166293	72.520184
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	8.380485	6.176949	72.510613
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	8.376113	6.219069	72.472783
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	8.386258	6.121332	72.560567
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.381952	6.162818	72.523306
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.380190	6.179788	72.508064
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.365970	6.316776	72.385026
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.381613	6.166086	72.520370
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.375508	6.224899	72.467547
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.383253	6.150280	72.534566
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	8.377811	6.202711	72.487475
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	8.383689	6.146085	72.538334
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	8.339895	6.567964	72.159417
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	8.015856	9.689537	69.355729
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	8.368763	6.289869	72.409192
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	8.303744	6.916224	71.846622
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	8.389694	6.088233	72.590295
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.221994	7.703748	71.139296
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.325579	6.705880	72.035546
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.213379	7.786737	71.064758
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.337376	6.592233	72.137620
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.324385	6.717380	72.025217
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.181842	8.090540	70.791892
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.300666	6.945876	71.819990
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.230286	7.623861	71.211048
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	8.387772	6.106748	72.573665
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	8.361887	6.356108	72.349699
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.296011	6.990711	71.779721
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.344648	6.522178	72.200541
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.311016	6.846167	71.909545

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W 86	Atomic W 87	Atomic W 88
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.056321	9.299722	69.705847
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.172417	8.181332	70.710346
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.337869	6.587485	72.141884
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	8.386823	6.115893	72.565451
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	8.371839	6.260240	72.435804
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.310272	6.853336	71.903106
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.326369	6.698269	72.042381
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	8.381768	6.164588	72.521715
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.154737	8.351652	70.557370
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	7.637099	13.338230	66.078600
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	8.368815	6.289375	72.409637
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	7.740169	12.345324	66.970394
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.140616	8.487690	70.435186
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	5.703215	31.967965	49.346020
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplite-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	8.321350	6.746614	71.998960
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	7.756834	12.184779	67.114590

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W Sr	Conversion Factor	⁸⁷ Rb/ ⁸⁶ Sr
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	87.533438	2.902929	5.567914
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	87.533444	2.902905	6.086737
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	87.533341	2.903380	5.806759
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	87.533819	2.901173	4.944253
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>Ri</i>	R	R	Upper E	Pre-Ordovician	87.533652	2.901942	5.536013
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>Ri</i>	R	R	Upper E	Pre-Ordovician	87.535130	2.895142	1.930095
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	87.534346	2.898748	2.852736
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	87.534344	2.898754	3.178459
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	87.534275	2.899074	3.732557
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	87.533834	2.901104	4.117696
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	87.533772	2.901390	5.129242
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533860	2.900983	5.197595
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533486	2.902709	5.415502
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533118	2.904408	6.417806
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.532863	2.905588	8.407659
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533408	2.903067	6.101362
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.534227	2.899294	3.993368
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533707	2.901688	5.803376
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533203	2.904017	6.470353
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.532415	2.907658	8.795666
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.534761	2.896838	2.804874
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533385	2.903177	6.274609
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.518321	2.974424	66.272257
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.532374	2.907849	11.019217
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.534184	2.899494	3.925468
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533596	2.902201	5.078852
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	87.533761	2.901441	5.888219
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTi</i>	MT	MT	Upper E	Pre-Ordovician	87.533807	2.901231	5.282838
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	87.534138	2.899704	4.409966
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mti</i>	MT	MT	Upper E	Pre-Ordovician	87.532904	2.905397	7.710475
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532908	2.905377	7.290851
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532861	2.905595	7.375740
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533066	2.904646	7.019562
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533749	2.901496	4.896275
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532483	2.907347	8.826815
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.531691	2.911015	10.938950
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.531634	2.911278	11.159640
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.530986	2.914292	12.850197
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532763	2.906047	8.156711
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533953	2.900557	5.003608
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.531976	2.909693	10.873063
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532505	2.907242	9.323511
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.531570	2.911578	12.021078
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.531546	2.911688	12.398390
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532968	2.905102	6.411988
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533943	2.900602	4.385371
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532143	2.908920	9.599366
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.534429	2.898363	3.230357
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533737	2.901550	5.289189

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W Sr	Conversion Factor	⁸⁷ Rb/ ⁸⁶ Sr
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.534446	2.898287	3.077912
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533940	2.900616	4.763397
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533519	2.902558	5.943139
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532318	2.908108	10.065755
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.534027	2.900214	4.198462
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533371	2.903240	6.667476
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.533316	2.903492	7.095463
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	87.532739	2.906161	9.335465
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	87.535404	2.893885	0.657255
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	87.534437	2.898329	4.374330
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	87.533957	2.900537	5.127211
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	87.534806	2.896631	3.484059
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.533531	2.902500	7.058353
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534244	2.899218	4.491746
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534698	2.897127	3.761941
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.535405	2.893883	2.098065
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534783	2.896735	2.563298
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534783	2.896735	5.881251
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.533363	2.903277	9.005534
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534024	2.900231	4.742516
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534863	2.896368	3.211813
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534173	2.899543	4.676683
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534516	2.897965	3.472336
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	87.534557	2.897778	3.436303
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	87.534324	2.898847	3.771618
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	87.534907	2.896169	3.485655
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.535331	2.894222	3.201185
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.533954	2.900554	5.843763
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.533744	2.901519	5.803038
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.531828	2.910378	11.653343
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.532612	2.906747	8.715677
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.535415	2.893837	3.013700
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	87.535510	2.893398	2.467899
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534699	2.897123	2.380909
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534900	2.896198	2.138543
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534997	2.895753	1.658052
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534780	2.896750	1.908447
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534870	2.896336	1.948444
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534424	2.898388	3.022605
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534565	2.897737	3.908576
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534084	2.899954	5.464123
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534424	2.898388	3.022605
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534570	2.897716	3.199931
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.533191	2.904070	7.768388
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.530203	2.917940	19.218154
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534760	2.896843	3.106759
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534961	2.895918	1.998057
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.533857	2.901000	5.471805
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	87.534724	2.897008	2.587994

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W Sr	Conversion Factor	⁸⁷ Rb/ ⁸⁶ Sr
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	87.534629	2.897447	2.882035
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	87.535159	2.895012	1.579097
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	87.535146	2.895071	1.940652
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	87.532736	2.906172	8.184048
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	87.533753	2.901479	5.423326
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	87.502027	3.055566	82.063768
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	87.535349	2.894140	1.550432
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535648	2.892770	1.366030
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535667	2.892680	0.905893
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535481	2.893531	1.677906
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535961	2.891332	1.037399
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535555	2.893195	1.508817
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535872	2.891740	1.042131
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535996	2.891174	0.801644
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535586	2.893050	1.024622
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535827	2.891946	0.608831
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535840	2.891890	0.656315
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	87.535628	2.892861	0.650333
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	87.535350	2.894134	1.565068
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	87.535349	2.894140	2.322458
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	87.535266	2.894519	2.837012
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	87.534939	2.896019	2.218228
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	87.535698	2.892541	2.283585
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.535376	2.894016	1.631173
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.535244	2.894620	2.191067
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.534181	2.899505	5.561778
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.535350	2.894133	2.074555
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.534894	2.896227	3.097354
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.535473	2.893570	1.409206
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	87.535066	2.895437	2.265137
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	87.535506	2.893421	2.051420
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	87.532232	2.908506	9.203628
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	87.508013	3.025244	70.084825
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	87.534390	2.898545	5.823202
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	87.529530	2.921078	13.749214
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	87.535954	2.891365	0.656088
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.523420	2.949916	28.923569
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.531162	2.913472	15.011486
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.522776	2.952989	42.905187
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.532044	2.909379	14.150159
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.531073	2.913887	17.826130
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.520419	2.964291	56.101952
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.529300	2.922154	25.047033
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.524040	2.946965	40.587742
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	87.535811	2.892023	1.237738
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	87.533876	2.900911	5.522888
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.528952	2.923782	24.791232
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.532587	2.906861	11.451271
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.530074	2.918540	16.849306

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	Atomic W Sr	Conversion Factor	⁸⁷ Rb/ ⁸⁶ Sr
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.511037	3.010153	115.216205
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.519714	2.967686	64.052549
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.532081	2.909208	12.005604
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	87.535740	2.892348	0.491510
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	87.534620	2.897487	4.678729
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.530018	2.918800	18.551695
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.531221	2.913197	11.719759
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	87.535362	2.894079	1.389731
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.518393	2.974075	67.570984
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	87.479703	3.174252	233.307539
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	87.534394	2.898527	6.313354
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	87.487407	3.132259	173.527146
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.517337	2.979198	69.987513
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.335159	4.243576	982.387759
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplito-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.530846	2.914942	16.565400
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	87.488652	3.125574	196.911149

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_t$	$e\text{Sr}_0$	$e\text{Sr}_t$
MOSTMEG	R#1	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.708580	665	66.992
MOSTMEG	R#5	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.704509	664	9.151
MOSTMEG	R#8	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.708336	688	63.524
MOSTMEG	R#13	Portugal	Portugal	Portugal	MP	<i>Ru</i>	R	R	Lower C?	Pre-Ordovician	0.707167	577	46.917
MOSTMEG	MON#1	Portugal	Portugal	Portugal	MP	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.705338	616	20.931
MOSTMEG	CM#1	Portugal	Portugal	Portugal	XM	<i>RI</i>	R	R	Upper E	Pre-Ordovician	0.709013	275	73.137
MOSTMEG	RAP#1	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.714665	455	153.446
MOSTMEG	CBM#4	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.712185	456	118.205
MOSTMEG	CBM#5	Portugal	Portugal	Portugal	MP	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.709057	472	73.763
MOSTMEG	CBM#6	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.713271	574	133.636
MOSTMEG	FOR#1	Portugal	Portugal	Portugal	XM	<i>Rd</i>	R	R	Upper E	Pre-Ordovician	0.706509	588	37.572
MOSTMEG	P#5	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.704549	567	9.721
MOSTMEG	P#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.708972	654	72.565
MOSTMEG	P#13	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.707276	739	48.469
MOSTMEG	MT#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.696158	798	-109.491
MOSTMEG	MT#9	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.704969	672	15.692
MOSTMEG	MT#12	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.707833	483	56.375
MOSTMEG	GAV#3	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.702385	603	-21.023
MOSTMEG	CBM#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.705489	720	23.082
MOSTMEG	ING#1	Portugal	Portugal	Portugal	MP	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.700490	902	-47.940
MOSTMEG	MT#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.708283	360	62.773
MOSTMEG	SCB2#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.704027	677	2.300
MOSTMEG	ARG#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.494833	4251	-2969.766
MOSTMEG	ARG#2	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.684083	912	-281.044
MOSTMEG	P#11	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.709059	493	73.793
MOSTMEG	R#12	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.709765	629	83.823
MOSTMEG	FUN#1	Portugal	Portugal	Portugal	XM	<i>MTu</i>	MT	MT	Upper E	Pre-Ordovician	0.700862	590	-42.664
MOSTMEG	P#2	Portugal	Portugal	Portugal	MP	<i>MTI</i>	MT	MT	Upper E	Pre-Ordovician	0.704767	580	12.826
MOSTMEG	GAV#1	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	0.706079	503	31.453
MOSTMEG	GAV#2	Portugal	Portugal	Portugal	MP	<i>Mtl</i>	MT	MT	Upper E	Pre-Ordovician	0.700837	789	-43.020
sinari et al., 1	BA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.703990	788	1.784
sinari et al., 1	BA-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.704108	799	3.458
sinari et al., 1	BB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.703494	751	-5.262
sinari et al., 1	BB-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.708676	593	68.353
sinari et al., 1	RA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.699151	887	-66.974
sinari et al., 1	RA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.695885	1071	-113.372
sinari et al., 1	RB-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.695119	1084	-124.246
sinari et al., 1	RB-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.692782	1235	-157.452
sinari et al., 1	RB-6	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.699709	821	-59.048
sinari et al., 1	RB-8	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.704531	546	9.471
sinari et al., 1	AA-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.691721	1004	-172.529
sinari et al., 1	AA-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.694965	881	-126.441
sinari et al., 1	AA-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.689562	1099	-203.207
sinari et al., 1	AA-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.687053	1104	-238.847
sinari et al., 1	A-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.709772	774	83.924
sinari et al., 1	A-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.709441	548	79.220
sinari et al., 1	A-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.698776	966	-72.300
sinari et al., 1	B-3	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.710404	436	92.902
sinari et al., 1	B-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.705847	596	28.169

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_t$	$e\text{Sr}_0$	$e\text{Sr}_t$
sinari et al., 1	B-5	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.711305	432	105.705
sinari et al., 1	C-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.706587	549	38.672
sinari et al., 1	C-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.704384	646	7.373
sinari et al., 1	FM-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.692323	925	-163.978
sinari et al., 1	FM-2-1	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.709507	529	80.156
sinari et al., 1	FM-2-2	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.701229	681	-37.444
sinari et al., 1	FM-4	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.698831	693	-71.512
sinari et al., 1	FM-10	Portugal	Portugal	Portugal	MP	<i>R_PT</i>	R	R	Upper E	Pre-Ordovician	0.691053	827	-182.018
xeira et al., 2	DJ1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.714351	211	148.980
xeira et al., 2	RI4	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.701496	434	-33.659
xeira et al., 2	PI5	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.703512	545	-5.014
xeira et al., 2	EV1	Portugal	Portugal	Portugal	MP	<i>Douro Group</i>	DG	DG	Upper E - Lower C	Pre-Ordovician	0.702335	349	-21.736
aseca et al., 2	110194	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.695613	644	-117.229
aseca et al., 2	110216	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.703734	479	-1.864
aseca et al., 2	110190	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.701953	374	-27.160
aseca et al., 2	111967	Spain	Spain	Spain	MP	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.703273	211	-8.403
ijos et al., 20	SSA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.709778	354	84.015
ijos et al., 20	SIA-12	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.684289	354	-278.116
ijos et al., 20	SIA-22	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.683398	682	-290.780
ijos et al., 20	SIA-31	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.705387	530	21.629
ijos et al., 20	SIA-3	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.703496	336	-5.235
ijos et al., 20	SIA-25	Spain	Spain	Spain	MP	<i>MT_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.703463	495	-5.710
aseca et al., 2	110191	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.707139	416	46.517
aseca et al., 2	110192	Spain	Spain	Spain	C	<i>BG_ES</i>	BG	BG	Upper E	Pre-Ordovician	0.706756	407	41.073
ijos et al., 20	SIA-33	Spain	Spain	Spain	MG	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.707956	460	58.122
ijos et al., 20	FG-4	Spain	Spain	Spain	MP	<i>R_ES</i>	BG	BG	Late E	Pre-Ordovician	0.700692	326	-45.068
ijos et al., 19	GUB-26	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.695998	228	-111.766
ijos et al., 20	CR-5	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.698067	546	-82.369
ijos et al., 20	SSA-20	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.701790	594	-29.477
ijos et al., 20	SSA-30	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.688147	1039	-223.310
ijos et al., 20	SSA-15	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.697884	856	-84.963
ijos et al., 19	GUB-22	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.696078	209	-110.625
ijos et al., 19	GUB-23	Spain	Spain	Spain	MP	<i>DG_SP</i>	DG	DG	Lower C	Pre-Ordovician	0.698721	187	-73.076
aseca et al., 1	93202	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.712549	374	123.386
aseca et al., 1	93198	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.711141	327	103.381
aseca et al., 1	93208	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.713263	305	133.518
aseca et al., 1	90961	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.714859	355	156.198
aseca et al., 1	92196	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.713092	334	131.090
aseca et al., 1	77758	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.712090	437	116.856
aseca et al., 1	92194	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.702984	405	-12.519
aseca et al., 1	92199	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.698864	516	-71.053
aseca et al., 2	77758a	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.712090	437	116.856
aseca et al., 2	96874	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.708350	404	63.731
aseca et al., 2	111031	Spain	Spain	Spain	PG	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.695707	722	-115.903
aseca et al., 2	112025	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.656748	1418	-669.396
aseca et al., 2	112026	Spain	Spain	Spain	MP	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.705983	360	30.099
aseca et al., 2	112027	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.711232	313	104.663
aseca et al., 2	108579	Spain	Spain	Spain	MGM	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.702502	568	-19.353
aseca et al., 2	108583	Spain	Spain	Spain	GRL	<i>NZCI</i>	DG	DG	?	Pre-Ordovician	0.710553	368	95.016

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	⁸⁷ Sr/ ⁸⁶ Sr(t)	eSr(0)	eSr(t)
aseca et al., 2	108582	Spain	Spain	Spain	GRL	NZCI	DG	DG	?	Pre-Ordovician	0.709844	390	84.945
aseca et al., 1	VO-16	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.711249	268	104.912
aseca et al., 1	VO-19	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.708682	271	68.434
aseca et al., 1	92193	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.699939	828	-55.780
aseca et al., 1	T-370	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.704567	592	9.977
aseca et al., 1	VI-3	Spain	Spain	Spain	OG	SCS	SCS	SCS	?	Pre-Ordovician	0.660200	8320	-620.360
aseca et al., 1	92566	Spain	Spain	Spain	PG	SCS	SCS	SCS	?	Pre-Ordovician	0.708389	224	64.282
aseca et al., 1	U-50	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.704966	156	15.645
aseca et al., 1	U-49	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.708181	151	61.320
aseca et al., 1	U-92	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.705260	194	19.824
aseca et al., 1	U-93	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.702410	83	-20.660
aseca et al., 1	U-145	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.705369	177	21.372
aseca et al., 1	U-146	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.703814	104	-0.718
aseca et al., 1	U-147	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.703662	76	-2.885
aseca et al., 1	U-152	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.708579	170	66.973
aseca et al., 1	U-155	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.707873	114	56.945
aseca et al., 1	U-157	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.707308	111	48.921
aseca et al., 1	U-141	Spain	Spain	Spain	FX	FPG	FPG	FPG	?	Pre-Ordovician	0.710784	160	98.305
aseca et al., 1	U-90	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.708257	224	62.400
aseca et al., 1	U-91	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.702458	224	-19.979
aseca et al., 1	U-42	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.699846	243	-57.102
aseca et al., 1	U-96	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.709899	319	85.733
aseca et al., 1	U-10	Spain	Spain	Spain	PX	PPG	PPG	PPG	?	Pre-Ordovician	0.697107	144	-96.008
Lopes 2015	CR- 200538	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.707332	218	49.261
Lopes 2015	CR- 200547	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.705165	248	18.471
Lopes 2015	CR- 201472	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.696529	493	-104.216
Lopes 2015	CR- 201512	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.704337	224	6.708
Lopes 2015	CR- 201543	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.703880	329	0.211
Lopes 2015	CR- 201611	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.707461	196	51.097
Lopes 2015	CR- 201660	Spain	Spain	Spain	PG	Escoural	SN	SN	Ediacarian	Pre-Ordovician	0.707480	289	51.360
MOSTMEG	G_MATOS#1	Portugal	Iberian Massif	Matos	Matos Granodiorite	GMatos	GMatos	Matos	Cambrian-Ordovician	Cambrian-Ordovician	0.703777	188	-1.242
MOSTMEG	G_ZEB#1	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.708324	945	63.355
MOSTMEG	G_ZEB#4	Portugal	Iberian Massif	Zebreira	ZEB-W	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.705803	6799	27.543
MOSTMEG	G_MARCELINA#1	Portugal	Iberian Massif	Zebreira	Porphyritic granite	GZEB	GZEB	ZEB	Cambrian-Ordovician	Cambrian-Ordovician	0.696171	445	-109.313
MOSTMEG	G_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	OIN-G4	G4-OIN	G4-OIN	OIN	Cambrian-Ordovician	Cambrian-Ordovician	0.721761	1575	254.254
MOSTMEG	G_BATÃO#1	Portugal	Iberian Massif	Batão	BATÃO	BATÃO	BATÃO	BATÃO	Cambrian-Ordovician	Cambrian-Ordovician	0.706023	85	30.661
MOSTMEG	G_STEX#2	Portugal	Iberian Massif	Salvaterra do Extremo	STEX	STEX	STEX	STEX	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.790040	3021	1224.320
MOSTMEG	G_SEG#1	Portugal	Iberian Massif	Segura	SEG	G1-SEG	G1-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.722520	1194	265.041
MOSTMEG	G_SEG#2	Portugal	Iberian Massif	Segura	SEG	G2-SEG	G2-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.739348	3176	504.121
MOSTMEG	G_SEG#4	Portugal	Iberian Massif	Segura	SEG	G3-SEG	G3-SEG	SEG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.711850	988	113.447
MOSTMEG	G_MONS#2	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G3	PM-G3	PM-G3	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.711596	1215	109.834
MOSTMEG	G_MED#1	Portugal	Iberian Massif	Penamacor-Monsanto	PM-G6	PM-G6	PM-G6	PM	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.721188	3742	246.118
MOSTMEG	G_SEIXO#1	Portugal	Iberian Massif	Orca	Orca-G2	Orca-G2	Orca-G2	ORCA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.709018	1629	73.218
MOSTMEG	G_CB#3	Portugal	Iberian Massif	Castelo Branco	CB-G5	CB-G5	CB-G5	CB	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.728267	2873	346.688
MOSTMEG	G_FUN#2	Portugal	Iberian Massif	Fundão	FUN-G2	FUN-G2	FUN-G2	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.704382	118	7.353
MOSTMEG	G_FUN#4	Portugal	Iberian Massif	Fundão	FUN-G3	FUN-G3	FUN-G3	FUN	Cambrian-Ordovician	Cambrian-Ordovician	0.706578	564	38.553
MOSTMEG	G_LP#1	Portugal	Iberian Massif	Fundão	FUN-AT	FUN-AT	FUN-AT	ATALAIA	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.715895	1711	170.920
MOSTMEG	G_CAP#1	Portugal	Iberian Massif	Capinha	CAP	CAP	CAP	CAP	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.714836	862	155.876
MOSTMEG	G_ARG#1	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.732338	1448	404.530

Reference	Sample	Country	Location1	Location2	Type	id	id2	id3	Age (Ma)	Event	$^{87}\text{Sr}/^{86}\text{Sr}_{(t)}$	eSr ₍₀₎	eSr _(t)
MOSTMEG	G_ARG#2	Portugal	Iberian Massif	Argemela	ARG	ARG	ARG	ARG	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.623002	6042	-1148.845
MOSTMEG	SCB2#11	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.698183	3913	-80.719
MOSTMEG	SCB2#15	Portugal	Iberian Massif	Panasqueira	PAN	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.720687	980	238.998
MOSTMEG	Gf_MATOS#5	Portugal	Iberian Massif	Matos	Granitic dyke	Matos-Dyke	Matos-Dyke	Matos-Dyke	?	?	0.711803	134	112.787
MOSTMEG	Gf_FURÃO#1	Portugal	Iberian Massif	Zebreira	Porphyritic dyke	ZEB-Dyke	ZEB-Dyke	ZEB-Dyke	?	?	0.711530	392	108.907
MOSTMEG	Gf_SEG#3	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.725761	1461	311.087
MOSTMEG	Gf_SEG#5	Portugal	Iberian Massif	Segura	aplite-pegmatite dyke	SEG-Dyke	SEG-Dyke	SEG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.736040	1180	457.130
MOSTMEG	Gf_CRESPO#2	Portugal	Iberian Massif	Salvaterra do Extremo	Granitic dyke	STEX-Dyke	STEX-Dyke	STEX-Dyke	?	?	0.713968	221	143.541
MOSTMEG	Gf_MONS#1A	Portugal	Iberian Massif	Penamacor-Monsanto	Pegmatitic dyke	PM-Dyke	PM-Dyke	PM-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.705269	4233	19.952
MOSTMEG	Gf_IDN#2	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.682938	14272	-297.305
MOSTMEG	Gf_IDN#4	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Granitic dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.708008	444	58.861
MOSTMEG	Gf_MDCH#1	Portugal	Iberian Massif	Oledo-Idanha-a-Nova	Aplite dyke	OIN-Dyke	OIN-Dyke	OIN-Dyke	?	?	0.797726	12166	1333.517
MOSTMEG	Gf_ARG#1	Portugal	Iberian Massif	Argemela	Pegmatitic dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.712732	4490	125.983
MOSTMEG	Gf_ARG#2	Portugal	Iberian Massif	Argemela	Aplite dyke	ARG-Dyke	ARG-Dyke	ARG-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	1.163490	67899	6530.021
MOSTMEG	SMN1#4	Portugal	Iberian Massif	Panasqueira	aplite-pegmatitic dyke	PAN-Dyke	PAN-Dyke	PAN-Dyke	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.720873	1267	241.642
MOSTMEG	P11_G	Portugal	Iberian Massif	Panasqueira	Greisen	PAN	PAN	PAN	Late Carboniferous-Early Permian	Late Carboniferous-Early Permian	0.671171	11831	-464.494