

Table S3: The primary LA-ICP-MS data (ppm)

Aver \pm StDev

Series 1:

Element	MV12	MV13	MV14	MV17	MV18	MV19	MV20	MV22	MV23	MV24
Rh103	27.1 \pm 7.8	85.9 \pm 21.3	62.3 \pm 0.9	4.6 \pm 1.6	13.7 \pm 1.6	8.6 \pm 0.2	8.9 \pm 0.7	20.6 \pm 5.3	26.4 \pm 6.2	6.7 \pm 3.1
Pd108	19.1 \pm 6.4	38.2 \pm 14.4	7.4 \pm 4.0	7.7 \pm 4.4	10.8 \pm 13.8	1.1 \pm 0.2	1.8 \pm 1.2	16.1 \pm 38.3	9.5 \pm 7.2	0.8 \pm 0.6
Au197	7.9 \pm 1.8	70.6 \pm 100.1	4.8 \pm 5.4	2.0 \pm 1.3	11.7 \pm 14.9	0.7 \pm 0.1	2.4 \pm 3.3	21.3 \pm 59.5	2.6 \pm 1.4	3.4 \pm 1.4

Series 2:

Element	MV37	MV38	MV40	MV41	MV42	MV43	MV45	MV46	MV47	MV48
Rh103	85.3 \pm 15.4	59.0 \pm 15.4	89.3 \pm 5.9	62.1 \pm 3.8	87.0 \pm 19.6	56.3 \pm 3.5	153.8 \pm 46.7	21.6 \pm 9.7	99.0 \pm 6.1	9.0 \pm 8.8
Pd108	36.4 \pm 33.3	55.4 \pm 38.1	12.8 \pm 8.1	4.7 \pm 1.5	11.2 \pm 6.3	7.3 \pm 3.2	54.8 \pm 32.3	8.4 \pm 5.7	1.7 \pm 0.5	9.7 \pm 3.8
Au197	77.4 \pm 98.2	127 \pm 136	6.5 \pm 6.8	2.4 \pm 1.7	12.0 \pm 15.5	6.2 \pm 4.1	59.2 \pm 86.7	7.4 \pm 2.8	0.4 \pm 0.2	5.1 \pm 3.8

MV25	MV26	MV27	MV28	MV29	MV30	MV31	MV32	MV34	MV35
8.0 \pm 0.6	75.6 \pm 2.7	14.3 \pm 6.1	93.4 \pm 5.3	0.6 \pm 0.3	80.6 \pm 4.7	51.6 \pm 6.1	0.7 \pm 0.2	97.0 \pm 57.7	399.2 \pm 253
0.6 \pm 0.1	5.0 \pm 0.6	12.6 \pm 3.9	5.8 \pm 3.3	0.2 \pm 0.1	11.0 \pm 5.7	4.5 \pm 3.2	0.3 \pm 0.1	38.9 \pm 26.0	54.2 \pm 99.0
0.3 \pm 0.1	1.9 \pm 0.2	8.4 \pm 3.3	4.9 \pm 7.2	0.1 \pm 0.04	7.5 \pm 6.2	2.7 \pm 2.8	0.2 \pm 0.1	24.8 \pm 20.1	66 \pm 145

MV49	MV50	MV51	MV52	MV53	MV54	MV55	MV56	MV57	MV58
0.6 \pm 0.1	0.7 \pm 0.02	11.8 \pm 1.8	7.5 \pm 0.6	7.9 \pm 0.1	17.7 \pm 5.2	17.7 \pm 2.1	13.6 \pm 9.3	6.9 \pm 0.7	685 \pm 582
0.4 \pm 0.1	0.3 \pm 0.1	16.1 \pm 21.4	1.9 \pm 0.5	1.8 \pm 0.5	6.4 \pm 4.5	7.1 \pm 12.4	12.1 \pm 16.1	0.3 \pm 0.1	8.2 \pm 4.4
0.2 \pm 0.1	0.2 \pm 0.1	44.7 \pm 124	0.6 \pm 0.2	0.7 \pm 0.4	16.0 \pm 47	1.8 \pm 3.5	10.7 \pm 14.1	0.1 \pm 0.01	2.2 \pm 2.2