

Table S1. 12 loci MIRU-VNTR typing of 80 *M. tuberculosis* Beijing genotype isolates from Russian TBS patients

MIRU - type *	MIT **	MIRU12- profile	No of isolates, this study	Drug resistance***		MIRU-type in the Beijing database*, Russia, % in the local Beijing population	MIRU-type in the Beijing database*, FSU, % in the local Beijing population	MIRU-type in the Beijing database*, mainly East Asia and ROW, % in the local Beijing population
				Suscept.	MDR			
M2	MIT 16	223325153533	39	3	27	Pskov 32, St. Petersburg 53, Samara 58, Kaliningrad 17, Ural 24, Irkutsk 50,	South Ukraine 42, Kyrgyzstan 73	China (Beijing 2.7, Shanghai 2.7, Wuhan 3.6, Henan 6.2, Hong Kong 1.6, Taiwan 0.5), Japan 0.5
M11	MIT 17	223325173533	29	2	26	Pskov 27, St. Petersburg 21, Samara 24, Ural 56, Irkutsk 26, Kaliningrad 65,	South Ukraine 26, Kyrgyzstan 2.6	China (Beijing 46, Shanghai 12, Wuhan 13, Henan 19, Hong Kong 31.7, Taiwan 50.8), Japan 24, Singapore 24.4, Laos 28, Mongolia 66, Vietnam 21, Saudi Arabia 37.9, Mozambique 15, South Africa 3.9, Peru 13.3
M12	MIT 135	221325173533	5		5	Pskov 2.5, St. Petersburg 2.1, Samara 1.6, Ural 6, Kaliningrad 2.5		China (Beijing 1.3, Shanghai 1.3, Henan 6.2), Japan 13
M105	MIT 642	223325173423	2		2	Irkutsk 0.8		Japan 1.1, Peru 3.3
M1	MIT 86	223325173433	1		1	St. Petersburg 2.1		China (Beijing 4.2, Shanghai 1.2, Wuhan 1.2,

								Hong Kong 2.9, Taiwan 1.1), Singapore 3.1, Japan 1.7
M54	MIT 101	223325173523	1		1	Irkutsk 0.9		China (Beijing 1.4, Henan 3.1, Hong Kong 1.6, Taiwan 2.7), Singapore 4.4, Japan 2.8, Saudi Arabia 10.3, Peru 6.7, Australia 9.1
M87	MIT 592	223325153433	1	1		Samara 2.3, Irkutsk 0.9	Kyrgyzstan 5.2	China (Shanghai 3.7, Taiwan 0.5), Singapore 0.6
M89	MIT 571	223325153534	1	1		Pskov 7.5, Ural 2, Irkutsk 0.9		Taiwan 1.1
M107	MIT 706	223325173534	1		1			China (Beijing 2.8, Shanghai 1.2, Hong Kong 2.5, Taiwan 1.6), Japan 0.6

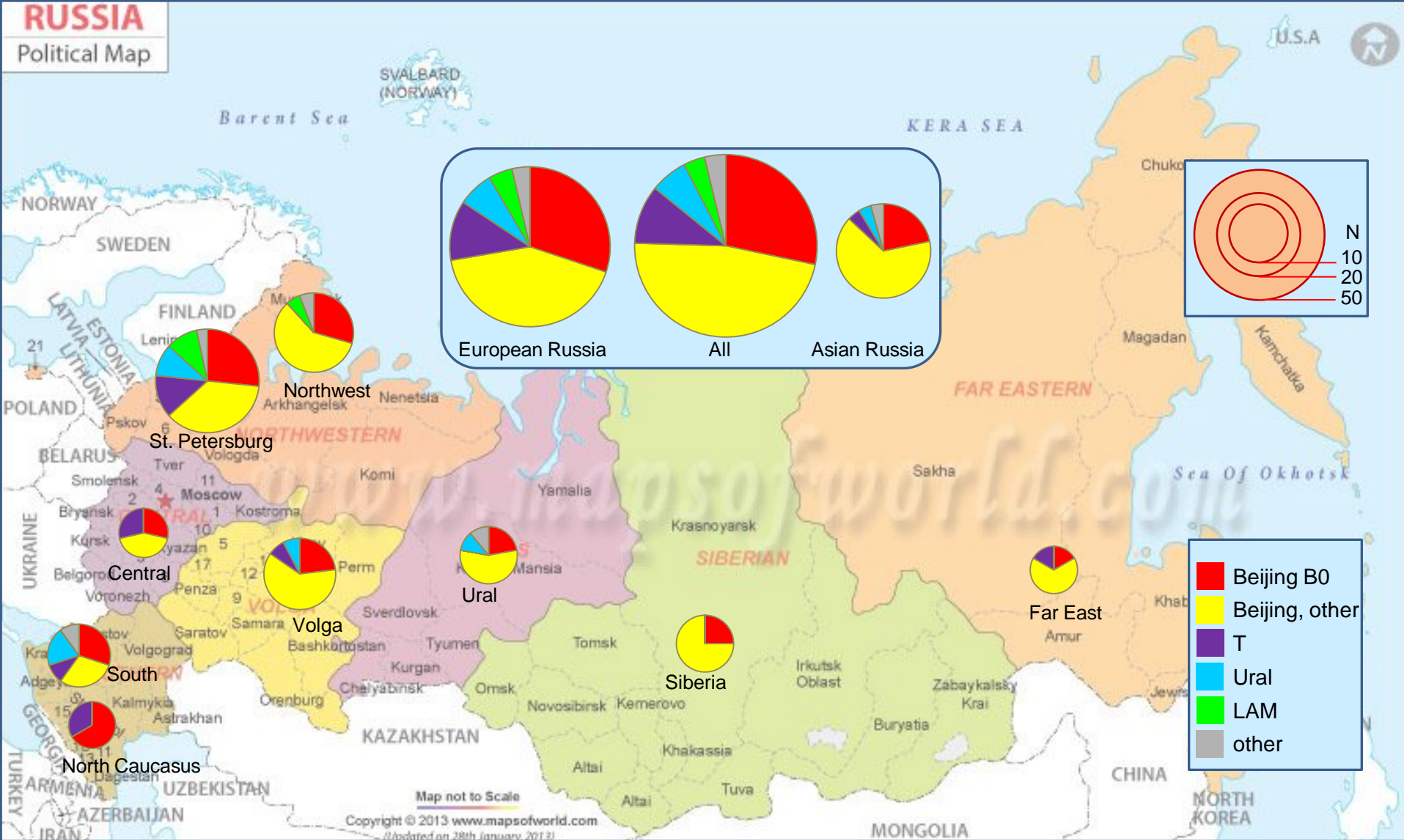
* according to our proprietary global 12-MIRU-VNTR database of Beijing genotype (Mokrousov, 2008, 2012) that currently includes data on ~3000 isolates (Mokrousov, 2015 accepted for publication).

** MIT - MIRU international type, according to SITVIT_WEB (Demay et al., 2012).

*** Drug resistance data do not include 6 phenotypically susceptible isolates with drug resistance mutations.

References

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- Mokrousov I.** 2008. Genetic geography of *Mycobacterium tuberculosis* Beijing genotype: A multifacet mirror of human history? *Infect. Genet. Evol.* **8**:777-785.
- Mokrousov I.** 2012. Human migratory history: Through the looking-glass of genetic geography of *Mycobacterium tuberculosis*. In: *Causes and Consequences of Human Migration* (Eds. M.H. Crawford and B. Campbell). Cambridge University Press. pp. 317-341.



Supporting Fig. S1. Geographic distribution of *M. tuberculosis* genotypes identified in clinical isolates from spinal TB patients across Russia. “Asian Russia” includes Ural, Siberia and Far East.

Free map of Russia downloaded from <http://www.mapsofworld.com/russia/russia-political-map.html>