

Corrigendum

The 16S ribosomal RNA mutation database (16SMDB)

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Table 1 accompanying this article was incorrectly formatted and resulted in a transposition of data. The correct Table is reprinted below.

Table I. Single and double mutations in 16S ribosomal RNA

Position ^a	Alteration	Phenotype ^{b,c}	Reference(s)
11	G to A	U23 suppressor. ^b	Dammel and Noller, 1993
13 ^a	U to A or C	Reduction of both streptomycin-induced misreading and streptomycin binding. ^c	Pinard <i>et al.</i> , 1993.
	U13A/A914U	No suppression of U13 effects. ^c	,
	U13C/A914G	No suppression of U13 effects. ^c	,
15 ^a	G to A	Moderate U23 suppressor. ^b	Dammel and Noller, 1993
18	C to A, G or U	Dramatic reduction in translational activity. ^b	Brink <i>et al.</i> , 1993a, b.
	C18A/G917U	Translational activity restored. ^b	,
	C18G/G917C	Translational activity restored. ^b	,
	C18U/G917A	Translational activity restored. ^b	,
23	C to U	Cold-sensitive dominant.	Dammel and Noller, 1993.
146	G to A	(With U1192) Spc ^s recessive. ^b	Triman <i>et al.</i> , 1989.
153	C to U		
189	A189G/A190G		
190	A190G/A189G		
250	A250G/G251A		
251	G251A/A250G		
321	A to C or G		
	A321C/G322U		
	A321G/G322A		
322	C to A		
	G322A/A321G		
	G322U/A321C		
323	U to G		
332	G to A		
350	G to A		
352	C352U/A353G		
353	A353G/C352U		
359	G to A		
505	G to U		
	G505C/G506C		
506	G to A		
	G506C/G505C		
	G506A/C525U		
507	C to U		
	C507U/G524A		
517 ^a	ΔG		
	G to A, C, or U		
	G517U/U534G		
523	A to C		
524	G to A		
	G524A/C507U		
525	C to U		
	C525U/G506A		
	C525G/C526G		
526	C to A		
	C526A/G505U		
	C526G/C525G		
527 ^a	G to U		
528 ^a	C to G		
529 ^a	G to U		
530 ^a	G to A		

Table I. (cont.)

Position ^a	Alteration	Phenotype ^{b,c}	Reference(s)
531	G to U		
534	U to G		
	U to G or C		
	U534G/G517U		
538	G to A		
595	ΔA		
	A to U		
597	G597C/C643G		
598	U to A		
	U598A/A642U		
599	C to G		
	C599G/G639C		
618	C to U		
624	C to U		
627	G to A		
631	C to U		
634	C to U		
639	G639C/C599G		
640	ΔA		
	A to U		
641	U to C		
	U to A		
642	ΔA		
	A to U		
	A642U/U598A		
643	C to U		
	C to G		
	C643G/G597C		
645	G to A		
651	C to U		
726	C to G		
791 ^a	G to A		
792 ^a	A to G,C or U		
814 ^a	A to G, C or U		
888	G888A/C912U		
912	ΔC		
	C to G		
	C to U		
	C912U/G888A		
913	A to G		
914 ^a	A to C		
	A to G or U		
	A914 G/U13A		
	A914U/U13C		
915 ^a	A to G		
917	G917A/C18U		
	G917C/C18G		
	G917U/C18A		
966	G to A, C or U		
967	ΔC		
	C to A, G or U		
980	C to A or G		
1054 ^a	ΔC		
	C to A, G or U		
1192	C to A, G or U		
1199 ^a	U to C		
	U1199C/U1202C		
1202	U to C		
	U1202C/U1199C		
1207	G to C or U		
1292	G to A		
1293	C to U		
1388	C to U		
1389	C to U		
1395 ^a	C to U		
1397 ^a	C to U		
	ΔC		
1398 ^a	ΔA		
1399 ^a	C to A		
	C to U		
	C1399A/G1401C		

Table I. Single and double mutations in 16S ribosomal RNA

Position ^a	Alteration	Phenotype ^{b,c}	Reference(s)
1400 ^a	C1399A/G1401U ΔC C to A C to G		
1400 ^a	C to U		
1401 ^a	ΔG G to A G to C or U G1401C/C1399A G1401U/C1399A G1401C/C1501G		
1402 ^a	C to U ΔC		
1404 ^a	C to U or G C1404G/C1496G C1404G/G1497C		
1405 ^a	G to C G1405C/C1496G G1405C/G1497C		
1407 ^a	C to U		
1409	C to G or A C to U C1409A /C1411G C1409A/G1491U C1409G/G1491C C1409U/G1491A C1411G/C1409A		
1411	G to U		
1416	C to U		
1469	G1489C/G1491U		
1489	G to A G to C or U G1491A/C1409G G1491C/C1409G G1491U/C1409A G1491U/G1489C		
1491	C to G C1496G/C1404G C1496G/G1405C		
1496 ^a	G to C G1497C/C1404G G1497C/G1405C		
1497 ^a	U to G, C or A C to G C1501G/G1401C		
1498 ^a	G to A, C or U		
1501 ^a	U to C or G U1512C/C1524U		
1505 ^a	A to C, G or U A to C, G or U		
1512 ^a	G to A C1524U/U1512C		
1518	CCTCC to CACAC CCTCC to GGAGG		
1519	C to U C to G		
1523			
1524			
1535–1540			
1538			

^ahighly conserved among the 16S-like rRNAs in all three primary kingdoms (see Figure 1 in Noller, 1993; Gutell, 1992); ^b*in vivo*; ^c*in vitro*.