

Correction

Correction: Phenotypic and Genotypic Characteristics of Novel Mouse Cell Line (NIH/3T3)-Adapted Human Enterovirus 71 Strains (EV71:TLLm and EV71:TLLmv)



The *PLOS ONE* Staff

There are errors in Table 3. Please see the corrected Table 3 here.

Citation: The *PLOS ONE* Staff (2014) Correction: Phenotypic and Genotypic Characteristics of Novel Mouse Cell Line (NIH/3T3)-Adapted Human Enterovirus 71 Strains (EV71:TLLm and EV71:TLLmv). *PLoS ONE* 9(10): e112334. doi:10.1371/journal.pone.0112334

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Table 3. Adaptive mutations observed in the 5'UTR and P1 regions of EV71:TLLm and EV71:TLLmv viral genomes.

EV71:BS vs EV71:TLLm				EV71:BS vs EV71:TLLmv			
Genome region	Nucleotide changes		Amino acid changes		Nucleotide changes	Amino acid changes	
	Nucleotide changes	Polyprotein ¹	Polyprotein ¹	Polyprotein ⁶		Nucleotide changes	Polyprotein ⁶
Cloverleaf			Cloverleaf				
IRES³	A 141 G		IREs		C 140 G		
	G 195 C				A 141 C		
	T 209 C				T 209 C		
	G 258 A				G 258 A		
	C 370 T				C 370 T		
	G 448 A		Not applicable		G 448 A		Not applicable
	T 502 C				A 502 C		
	C 709 T				G 675 T		
	A 671 T				T 677 C		
	G 675 T				C 687 T		
	T 678 INS ⁴				C 709 T		
					678-681 INS		
					726-745 DEL ⁵		
VP4	A 809 G	E 21 G		VP4	A 809 G	E 21 G	E 21 G
VP2	G 1359 A	V 204 I	V 135 I	VP2	G 1359 A	V 204 I	V 135 I
	G 1385 C	S 213 T	S 144 T		G 1385 C	S 213 T	S 144 T
	A 1400 T	K 218 I	K 149 I		A 1400 T	K 218 I	K 149 I
					T 1428 C	E 228 P	E 159 P
					G 1429 C	E 228 P	E 159 P
VP3					G 1900 C	A 385 P	A 62 P
					A 2287 G	T 514 A	T 191 A
					A 2421 G	I 558 M	I 235 M
VP1	T 2462 C	V 572 A	V 7 A	VP1	T 2462 C	V 572 A	V 7 A
	C 2725 T	L 660 F	L 95 F		C 2530 A	Q 595 K	Q 30 K
	A 2734 G	K 663 E	K 98 E		A 2719 G	I 658 V	I 93 V
	A 2752 G	N 669 D	N 104 D		T 2724 A	D 659 E	D 94 E
	A 2876 C	E 710 A	E 145 A		C 2725 T	L 660 F	L 95 F
	A 2943 T	E 732 D	E 167 D		A 2734 G	K 663 E	K 98 E
	C 2947 T	L 734 F	L 169 F		A 2752 G		
	C 3165 T	S 806 L	S 241 L		A 2753 G	N 669 G	N 104 G

Table 3. Cont.

EV71:BS vs EV71:TLLm				EV71:BS vs EV71:TLLmv			
Genome region	Amino acid changes		Genome region	Amino acid changes		Mature protein ⁷	
	Nucleotide changes	Polyprotein ¹		Nucleotide changes	Polyprotein ⁶		
			A 2876 C	E 710 A	E 145 A		
			A 2943 T	E 732 D	E 167 D		
			C 2947 T	L 734 F	L 169 F		
			C 3165 T	S 806 L	S 241 L		
			T 3175 C	Y 810 H	Y 245 H		
			G 3184 A	V 813 I	V 248 I		
			G 3319 T	A 858 S	A 293 S		

¹Numbering of amino acids in the uncleaved polyprotein prior to maturation.

²Numbering of amino acids in the mature protein.

³IRES - Internal Ribosome Entry Site.

⁴INS - Insertion.

⁵DEL - Deletion.

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There are errors in Table 4. Please see the corrected Table 4 here.

Table 4. Adaptive mutations observed in the P2 and P3 regions of EV71:TLLm and EV71:TLLmv viral genomes.

EV71:BS vs EV71:TLLm ⁶						EV71:BS vs EV71:TLLmv ¹¹					
Genome region	Amino acid changes			Genome region	Amino acid changes						
	Nucleotide changes	Polyprotein ⁷	Mature protein ⁸		Nucleotide changes	Polyprotein	Mature protein				
2A	G 3722 A	G 992 E	G 130 E	2A	G 3722 A	G 992 E	G 130 E				
2C	A 4366 G	T 1207 A	T 96 A	2C	A 4366 G	T 1207 A	T 96 A				
3A											
3B	T 5357 C	L 1537 P	L 11 P	3B	C 5117 T	A 1457 V	A 17 V				
3C	A 5557 G	I 1604 V	I 56 V	3C	T 5357 C	L 1537 P	L 11 P				
	A 5569 G	I 1608 V	I 60 V		A 5557 G	I 1604 V	I 56 V				
3D	A 6211 G	N 1822 D	N 91 D	3D	A 5569 G	I 1608 V	I 60 V				
	T 6835 A	S 2030 T	S 299 T ⁴		A 6070 T	T 1775 S	T 44 S ⁹				
	A 7128 T	R 2127 S	R 396 S ⁵		T 6137 C	V 1797 A	V 66 A ³				
	T 7247 C	V 2167 A	V 436 A ⁵		A 6211 G	N 1822 D	N 91 D				
					C 6404 G	S 1886 C	S 155 C				
					T 6592 G	W 1949 G	W 218 G ¹⁰				
					T 6835 A	S 2030 T	S 299 T ⁴				
					A 7128 T	R 2127 S	R 396 S ¹¹				
					T 7247 C	V 2167 A	V 436 A ⁵				

⁶Mutations are based on alignment with the reference EV71:BS genome.

⁷Numbering of amino acids in the uncleaved polyprotein prior to maturation.

⁸Numbering of amino acids in the mature protein.

⁹Mutation located in the Ring finger domain of the RNA-dependent RNA Polymerase.

¹⁰Mutation located in the Palm domain of the RNA-dependent RNA Polymerase.

¹¹Mutation located in the Thumb domain of the RNA-dependent RNA Polymerase.

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Reference

1. Victorio CBL, Xu Y, Ng Q, Chow VTK, Chua KB (2014) Phenotypic and Genotypic Characteristics of Novel Mouse Cell Line (NIH/3T3)-Adapted Human Enterovirus 71 Strains (EV71:TLLm and EV71:TLLmv). *PLoS ONE* 9(3): e92719. doi:10.1371/journal.pone.0092719