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# Corrigendum: Long Non-coding RNA Structure and Function: Is There a Link?

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### Reviewed by:

Alexandre Raoul,  
Université de Lorraine, France

### \*Correspondence:

Anna Zampetaki  
anna.zampetaki@kcl.ac.uk

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Anna Zampetaki<sup>1\*</sup>, Andreas Albrecht<sup>2</sup> and Kathleen Steinhofel<sup>3</sup>

<sup>1</sup> King's British Heart Foundation Centre, King's College London, London, United Kingdom, <sup>2</sup> Faculty of Science and Technology, Middlesex University, London, United Kingdom, <sup>3</sup> Department of Informatics, King's College London, London, United Kingdom

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## A Corrigendum on

### Long Non-coding RNA Structure and Function: Is There a Link?

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In the original article, there was a mistake in **Table 1** as published. A previous version of the Table was published that was not revised and did not include updated references. The corrected **Table 1** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

**TABLE 1** | Structural Determination of lncRNAs.

LncRNA (size)	Mode of action	Function	Structure	Probing techniques	References
Xist (17,000 nucleotides)	<i>cis</i>	X-chromosome inactivation.	Regions A-F with distinct repeat sequences.	<i>In vivo</i> and <i>in vitro</i> SHAPE-MaP. Targeted structure Seq. PARIS	Simon et al., 2013; Fang et al., 2015; Lu et al., 2016; Smola et al., 2016
RepA (1,600 nucleotides)	<i>cis</i>	Encoded by an internal promoter on the Xist gene sense strand.	Three folding modules.	<i>In vitro</i> using chemical probing with SHAPE and DMS reagents.	Liu et al., 2017a
Rox1 (3,700 nucleotides)	<i>cis</i> and <i>trans</i>	Male specific nuclear RNAs. Dosage compensation.	Rox1: three stable helices connected by flexible linker regions. Rox2: two clusters of tandem stem-loops.	<i>In vitro</i> using chemical probing with SHAPE and PARS analysis. Both methods independently support the rox2 structure model.	Ilik et al., 2013
Rox2 (1,200 nucleotides)					
SRA (870 nucleotides)	<i>trans</i>	Interacts with SRA protein to regulate cardiac muscle differentiation.	Four distinct domains.	<i>In vitro</i> SHAPE and DMS chemical probing. Good agreement with RNase V1 enzymatic probing.	Novikova et al., 2012
HOTAIR (2,148 nucleotides)	<i>trans</i>	Associated with sporadic thoracic aortic aneurysm and non-end stage heart failure. Circulating biomarker for acute myocardial infarction and congenital heart diseases.	Four structural modules.	<i>In vitro</i> using chemical probing with SHAPE and DMS reagents.	Somarowthu et al., 2015; Greco et al., 2016; Gao et al., 2017; Guo et al., 2017; Jiang et al., 2018
Braveheart (590 nucleotides)	<i>trans</i>	Cardiovascular lineage commitment.	Three domains. Critical structure: a 5' asymmetric G-rich internal loop (AGIL).	<i>In vitro</i> using chemical probing with SHAPE and DMS reagents.	Xue et al., 2016

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