

Erratum to: Action and function of Wnt/ β -catenin signaling in the progression from chronic hepatitis C to hepatocellular carcinoma

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In the original publication of the article, the frequency of loss-of-function mutations in *AXIN1*, *AXIN2* and *APC* was underestimated in Table 1. The correct frequencies of these mutations in HCC are 10.4, 3.3, and 1.4%, respectively (in the following page).

On page 421, in the section of “Aberrant activation of Wnt/ β -catenin signaling during HCC”, the sentence following “Missense, insertion, or partial deletions within *CTNNB1* exon 3 lead to ... stabilization of β -catenin in the cytoplasm” should be read as “Less frequently, loss-of-function mutation of *AXIN1*, *AXIN2*, or *APC* is found in 10.4, 3.3, and 1.4% of HCCs respectively...”.

The online version of the original article can be found under doi:[10.1007/s00535-016-1299-5](https://doi.org/10.1007/s00535-016-1299-5).

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Table 1 Genetic mutation in components of Wnt/ β -catenin pathway in HCC

References	Patients	Mutant samples				Region
		<i>CTNNB1</i>	<i>AXIN1</i>	<i>AXIN2</i>	<i>APC</i>	
Rebouissou et al. [39]	373	146 (39%)	NA	NA	NA	France, Spain, Italy
Hirotsu et al. [40]	9	2 (22.2%)	NA	NA	NA	Japan
Schulze et al. [41]	243	95 (37.4%)	27 (11.1%)	3 (1.2%)	4 (1.6%)	France, Italy, Spain
Kan et al. [42]	88	14 (15.9%)	4 (4.5%)	2 (2.3%)	2 (2.3%)	China
Kitao et al. [43]	134	27 (20.1%)	NA	NA	NA	Japan
Ding et al. [44]	156	15 (9.6%)	NA	NA	NA	China
Tornesello et al. [45]	67	10 (14.9%)	NA	NA	NA	Southern Italy
Cleary et al. [46]	87	20 (22.9%)	NA	NA	NA	Canada, NC
Guichard et al. [47]	125	41 (32.8%)	19 (15.2%)	NA	2 (1.6%)	France
Lachenmayer et al. [48]	90	29 (32.2%)	NA	NA	NA	USA, Netherlands, Italy, Spain, Germany
Li et al. [49]	139	28 (20.1%)	NA	NA	NA	USA, Netherlands, China
Cieply et al. [50]	32	9 (28.1%)	NA	NA	NA	USA
Bengochea et al. [38]	62	16 (25.8%)	NA	NA	NA	Thailand, France
Austinat et al. [51]	40	10 (25%)	2 (5%)	NA	NA	Germany
Kim et al. [52]	36	1 (2.8%)	9 (25%)	NA	NA	Korea
Zucman-Rossi et al. [53]	45	18 (40%)	5 (11.1%)	NA	NA	France
Boyault et al. [54]	120	34 (28.3%)	13 (10.8%)	NA	NA	France
Zucman-Rossi et al. [55]	96	12 (12.5%)	NA	NA	NA	France
Park et al. [56]	81	13 (16%)	5 (6.2%)	NA	NA	Korea
Ishizaki et al. [57]	89	10 (11.2%)	13 (14.6%)	9 (10.1%)	NA	Japan
Cui et al. [58]	34	15 (44.1%)	NA	NA	NA	China
Edamoto et al. [59]	100	24 (24%)	NA	NA	0	Japan, Switzerland
Taniguchi et al. [60]	73	14 (19.2%)	7 (9.6%)	2 (2.7%)	NA	UK
Wong et al. [61]	60	7 (11.7%)	NA	NA	NA	China
Mao et al. [62]	262	37 (14.1%)	NA	NA	NA	Taiwan
Cui et al. [63]	34	15 (44.1%)	NA	NA	NA	China
Laurent-Puig et al. [64]	137	26 (19%)	12 (8.8%)	NA	NA	France
Devereux et al. [65]	62	5 (8.1%)	NA	NA	NA	China
Hsu et al. [66]	434	57 (13.1%)	NA	NA	NA	Taiwan
Satoh et al. [67]	87	0 (0%)	5 (5.7%)	NA	NA	Japan
Huang et al. [68]	22	9 (41%)	NA	NA	NA	Japan, Switzerland
Legoix et al. [69]	119	21 (17.6%)	NA	NA	NA	France
Terris et al. [70]	73	14 (19.2%)	NA	NA	NA	France
Kondo et al. [71]	38	9 (24%)	NA	NA	NA	Japan
Nhieu et al. [72]	35	12 (34.3%)	NA	NA	NA	France
Miyoshi et al. [73]	75	14 (18.7%)	NA	NA	NA	Japan
de La Coste et al. [74]	31	8 (25.8%)	NA	NA	NA	France
Total	3788	837 (22.1%)	121 (10.4%)	16 (3.3%)	8 (1.4%)	

NA not analyzed