Correction to: Roles of E3 ubiquitin ligases in gastric cancer carcinogenesis and their effects on cisplatin resistance

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The correct assigned reference citations in Tables 2 and 3 is shown in this paper.

Moreover, we noticed that the reference 122 was incorrect in the online version, which is repetitive with the reference 112, but the reference 122 was correct in the author proof version. Therefore, the reference 122 should be revised as follows:

122. Li LQ, Pan D, Chen H, Zhang L, Xie WJ (2016) F-box protein FBXL2 inhibits gastric cancer proliferation by ubiquitin-mediated degradation of forkhead box M1. *FEBS Lett* 590(4):445–452

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Table 2 Oncogenic E3 ligases in GC tumorigenesis

Types	Sub-types	Genes	References
RINGS	monomers	UHRF1	[38–42]
		RNF2	[43]
		RNF6	[44]
		RNF31	[45]
		RNF38	[46]
		RNF185	[47]
		TRIM14	[48]
		TRIM23	[49]
		TRIM24	[50–52]
		TRIM25	[53]
		TRIM29	[54–56]
		TRIM32	[57, 58]
		TRIM37	[59]
		TRIM44	[60]
		TRIM59	[61]
		MKRN1	[62]
		MARCH8	[63]
		UBR5	[64]
	heterodimers	MDM2	[65–68]
	Cullin-RING ligases (CRLs)	Cullin1	[69]
		CACUL1	[70, 71]
		RBX1	[72, 73]
		SKP2 (FBXL1)	[74–76]
		FBXO2	[77]
		FBXO6	[78]
HECTs		WWP1	[79–81]
		SMURF1	[82]

Brown indicates that monomer E3 ligases exert oncogenic roles in GC tumorigenesis, and brick red indicates that CRLs act as oncoproteins for GC

Table 3 E3 ligases exert tumor suppressive and uncertain roles in GC tumorigenesis

The roles in GC	Types	Sub-types	Genes	References
Tumor suppressor	RINGS	monomers	RNF43	[97–101]
			RNF180	[102–108]
			RNF181	[109]
			ZNRF3	[110]
			TRIM15	[111]
		homodimers	CHIP	[112–114]
		Cullin-RING ligases (CRLs)	FBXW7	[115–120]
			β-TrCP2 (FBXW11)	[121]
			FBXL2	[122]
			FBXL5	[123, 124]
			FBXO8	[125]
			FBXO31	[126, 127]
		Cul2-associated SOCS	SOCS-1/SOCS-3	[128]
			SOCS-6	[129, 130]
		Cul3-associated BTB	SPOP	[131, 132]
	HECTs		NEDD4-L	[133]
Uncertain roles	RINGS	monomers	CHFR	[134–144]
			Cbl-b	[145–149]
			COP1	[150, 151]
			TRIM31	[152, 153]
	HECTs		NEDD4-1	[154–156]

Brown and brick red indicate that monomer E3 ligases and cullin-ring ligases (CRLs) exert tumor suppressive roles in GC tumorigenesis, and light green indicates monomer E3 ligases act uncertain roles in GC pathogenesis