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Publisher Correction: Human single chain-transbodies that bound to domain-I of non-structural protein 5A (NS5A) of hepatitis C virus

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The PDF version of this Article contains a typographical error in Table 1 where the last HuscFv clone 'HuscFv99' is incorrectly listed as 'HuscFv5' in the continued heading. In addition, all the HuscFv clone headings should be shaded. The correct Table 1 appears below.

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HCV NS5A protein		HuscFv5		
Residue	Domain	Residue(s)	Domain	Interactive bond
D18	AH of domain I	R104	VH-CDR3	Salt bridge
L23	AH of domain I	K54	VH-CDR2	H-bond
K26	Domain I	D33	VH-CDR1	Salt bridge
L27	Domain I	S57	VH-CDR2	H-bond
F36	Domain I	Y230	VL-CDR3	π - π interaction
I74	Domain I	F105	VH-CDR3	H-bond
K78	Domain I	S229	VL-CDR3	H-bond
M81	Domain I	Y230	VL-CDR3	H-bond
S229	LCS-I	S204	VL-FR3	H-bond
S232	LCS-I	S204/S190	VL-FR3	H-bond
HCV NS5A protein		HuscFv9		
Residues	Domain	Residue(s)	Domain	Interactive bonds
I37	Domain I	R189	VL-FR3	H-bond
T108	Domain I	S165	VL-CDR1	H-bond
E120	Domain I	Y167	VL-CDR1	H-bond
D136	Domain I	N54	VH-CDR2	Salt bridge
P165	Domain I	T102	VH-CDR3	H-bond
K166	Domain I	D31	VH-CDR1	Salt bridge
F169	Domain I	Y33	VH-CDR2	π - π interaction
R170	Domain I	Y167	VL-CDR1	H-bond
D171	Domain I	N59	VH-CDR2	H-bond
E172	Domain I	R65	VH-FR3	Salt bridge
HCV NS5A protein		HuscFv16		
Residues	Domain	Residue(s)	Domain	Interactive bond
K107	Domain I	S54	VH-CDR2	H-bond
H124	Domain I	T57	VH-CDR2	H-bond
Y127	Domain I	K224	VL-CDR3	Salt bridge
Y129	Domain I	Y59	VH-CDR2	π - π interaction
E191	Domain I	N225	VL-CDR3	H-bond
R220	Domain I	S30	VH-CDR1	H-bond
E226	Domain I	S30	VH-CDR1	H-bond
D251	Domain II	K224	VL-CDR3	Salt bridge
HCV NS5A protein		HuscFv19		
Residues	Domain	Residue(s)	Domain	Interactive bond
H124	Domain I	N31	VH-CDR1	H-bond
G125	Domain I	R100	VH-CDR3	H-bond
Y127	Domain I	Y106	VH-CDR3	H-bond
Y129	Domain I	R98	VH-CDR3	H-bond
S186	Domain I	R59	VH-FR3	H-bond
E191	Domain I	N102	VH-CDR3	H-bond
N248	LCS-I	G26	VH-CDR1	H-bond
T249	LCS-I	R98	VH-CDR3	H-bond
D251	Domain II	R100/N105	VH-CDR3	Salt bridge
HCV NS5A protein		HuscFv99		
Residues	Domain	Residue(s)	Domain	Interactive bond
K107	Domain I	T58	VH-CDR2	H-bond
H124	Domain I	K60	VH-FR3	H-bond
G125	Domain I	K60	VH-FR3	H bond
R170	Domain I	D73	VH-FR3	Salt bridge
D171	Domain I	R19	VH-FR1	Salt bridge
E172	Domain I	R19	VH-FR1	Salt bridge
Q187	Domain I	N84/S85	VH-FR3	H-bond
L218/	LCS-I	R57	VH-CDR2	H-bond
G221	LCS-I	R57	VH-CDR2	H-bond
S222	LCS-I	R57	VH-CDR2	H-bond
Y250	Domain II	D62	VH-FR3	H-bond

Table 1. Presumptive residues and regions of HCV NS5A bound by the HuscFvs as determined by computerized simulation. LCS-I, low complexity sequence between domains I and II of NS5A.



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