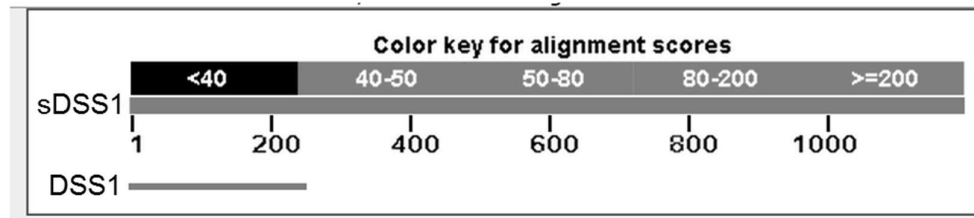


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Up: *sDSS1* cDNA (Homo sapiens , whole sequence);
Down: *DSS1* cDNA (Homo sapiens , part sequence).

Fig.1A

	*****,*:*** * ** *:**** *****
Macacamulatta	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
Papioanubis	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
Cercocebusatys	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
Macacanemestrina	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
Rhinopithecus	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
M.leucophaeus	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMIKVYETPYGCYILHQKGRMCSAFLCC
Colobusangolensis	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMKKVYETPYGCYILHQKGRMCSAFLCC
Homosapiens	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMILVCETPYGCYVLHQKGRMCSAFLCC
Pantroglodytes	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMILVCETPYGCYVLHQKGRMCSAFLCC
Panpaniscus	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMILVCETPYGCYVLHQKGRMCSAFLCC
Pongoabelii	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMILVCETPYGCYVLHQKGRMCSAFLCC
Gorillagorilla	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRVTVLLMILVCETLYGCYVLHQKGRMCSAFLCC
Nomascusleucogenys	MSEKKQPVDLGLLEEDDEFEEFPAEDWAGLDEDEDAAHVWEDNWDDDNVEDDFSQRLRATVLLMVLVCETPYGCYVLHQKERMCSAFLCC

Fig.1B

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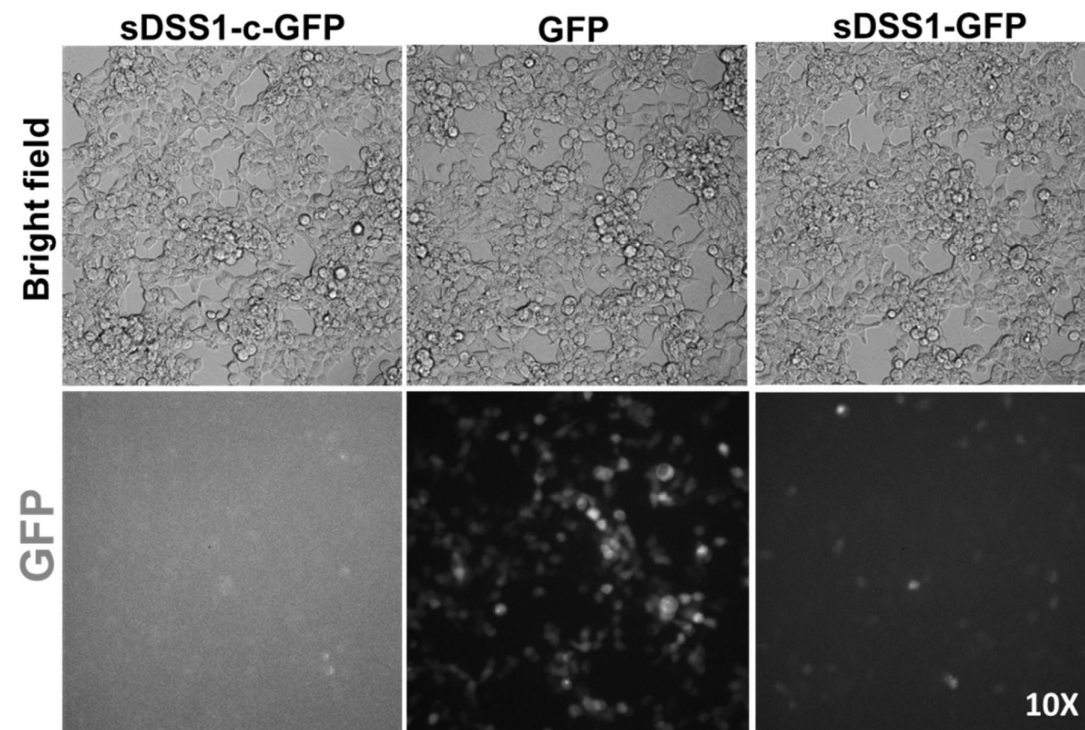
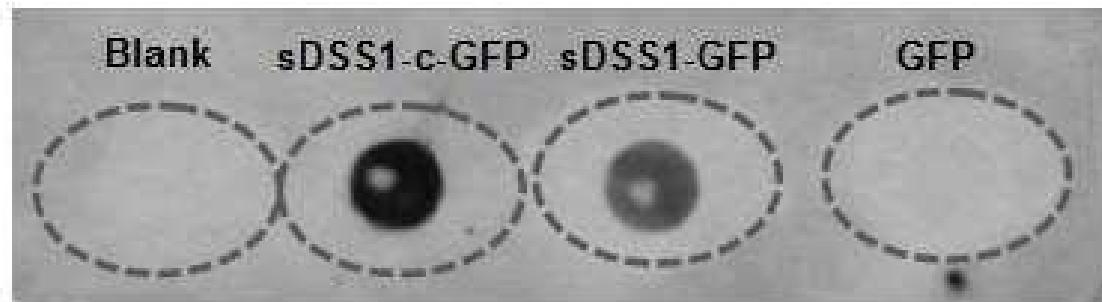


Fig.2A

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Primary antibody: mouse-anti-GFP

Fig.2B

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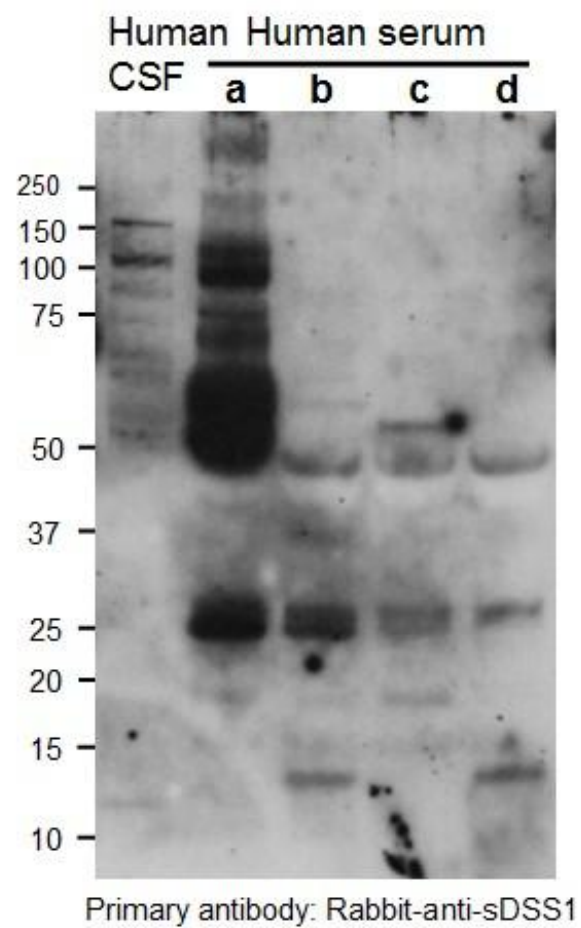


Fig.3A

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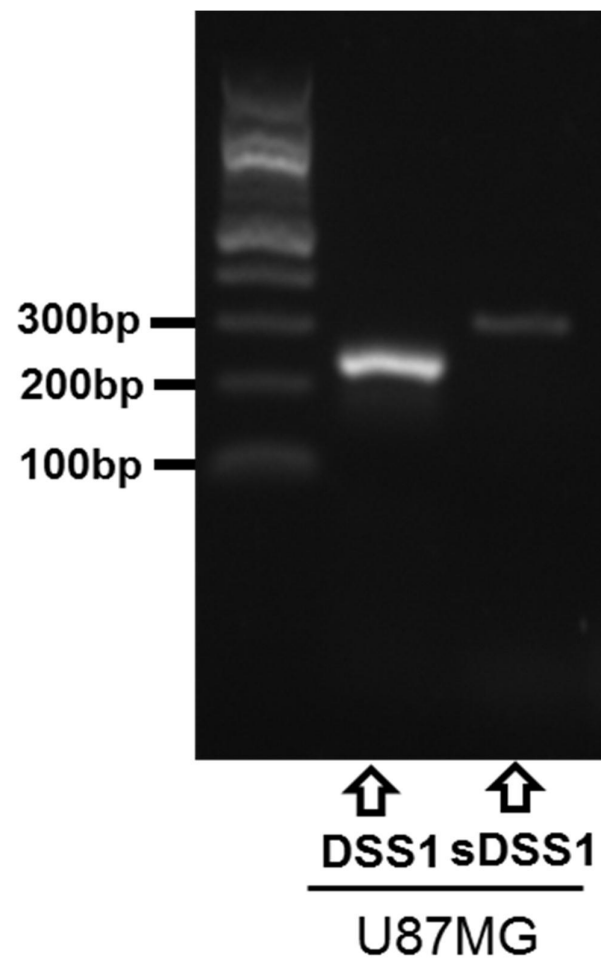


Fig.3B

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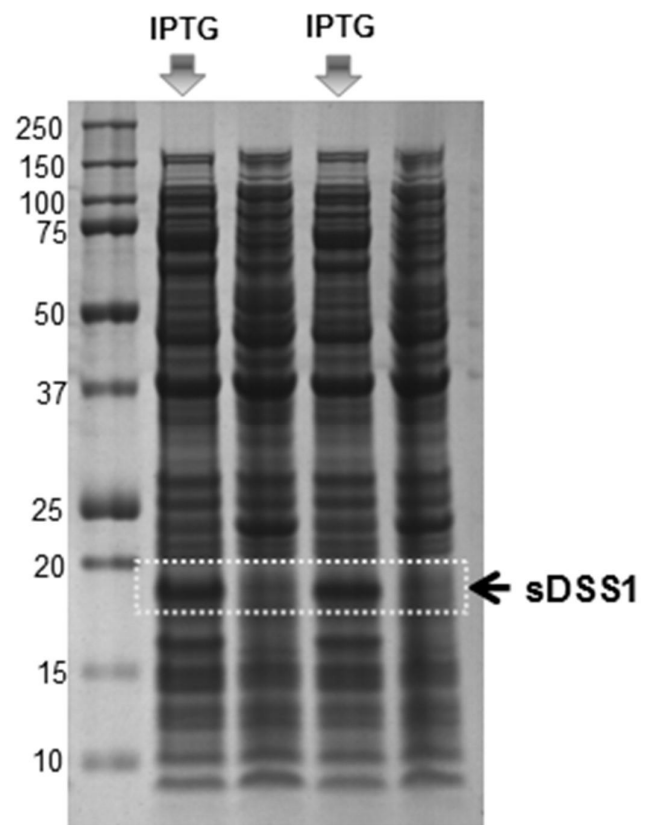


Fig.4A

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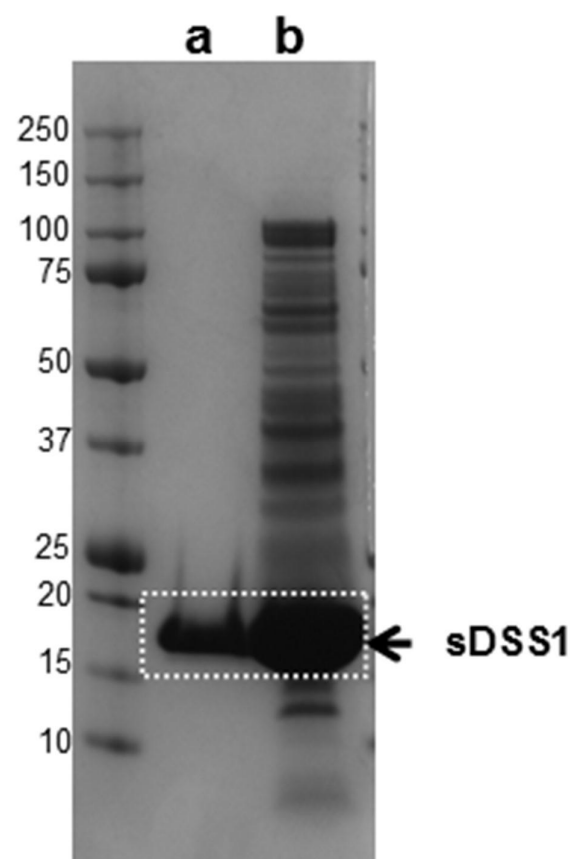


Fig.4B

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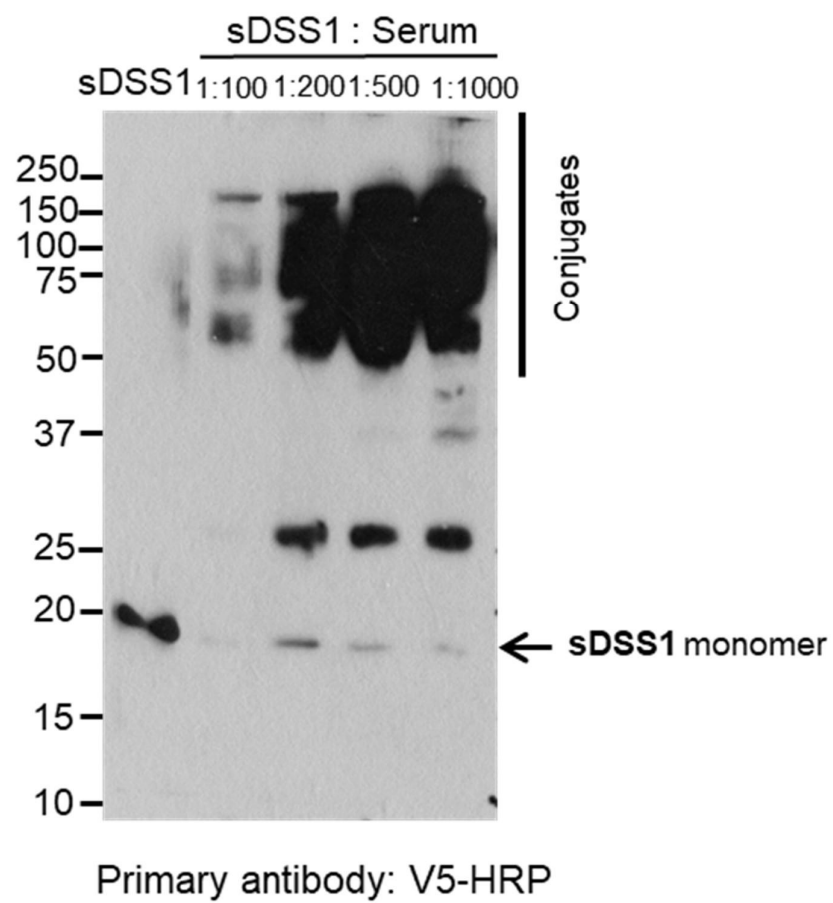


Fig.5A

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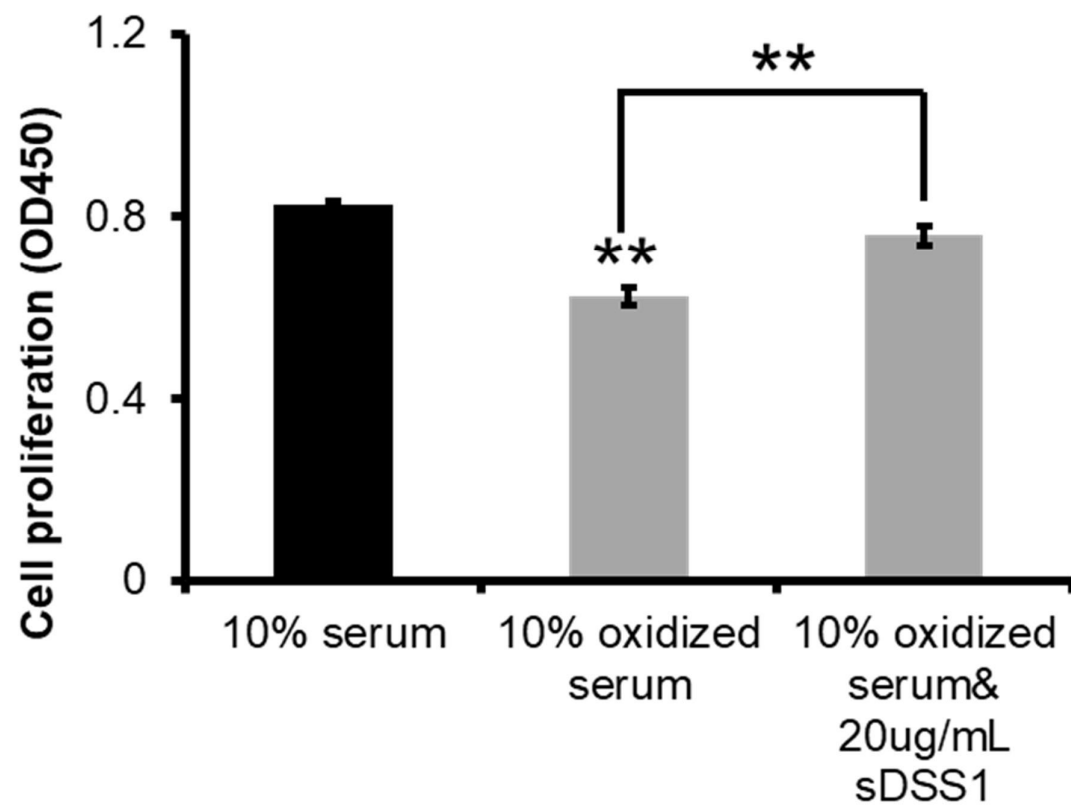


Fig.5B

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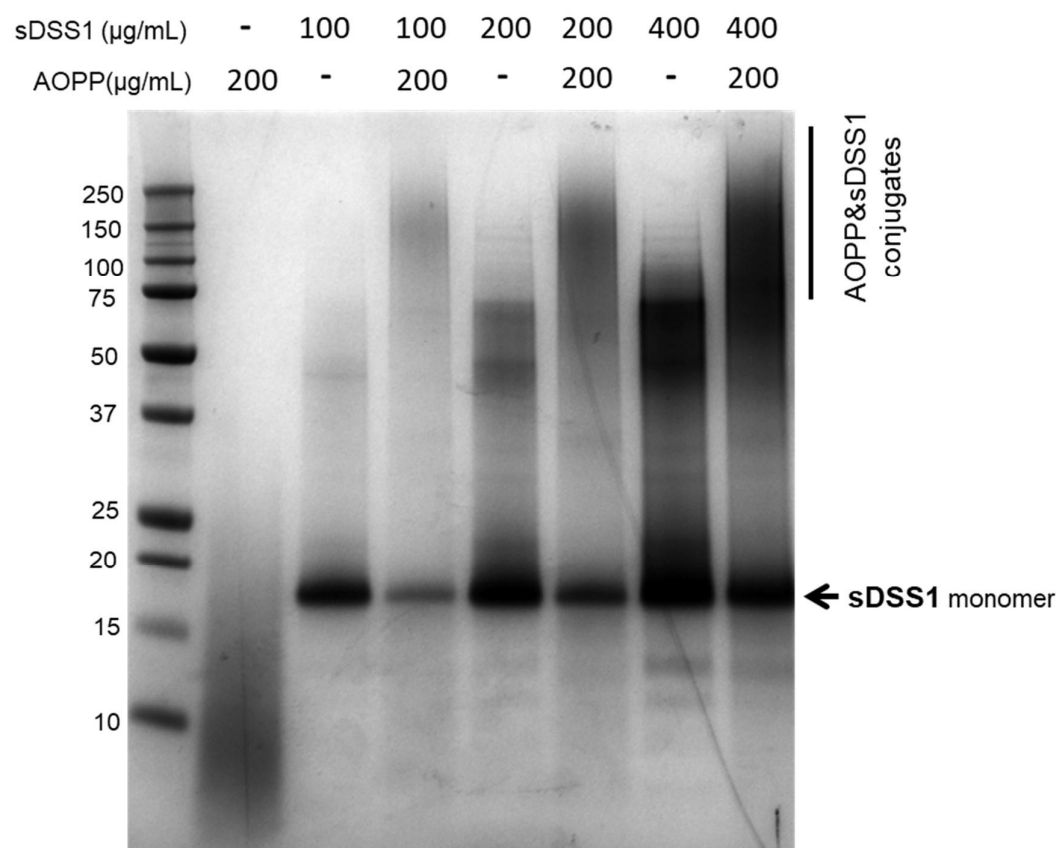


Fig.5C

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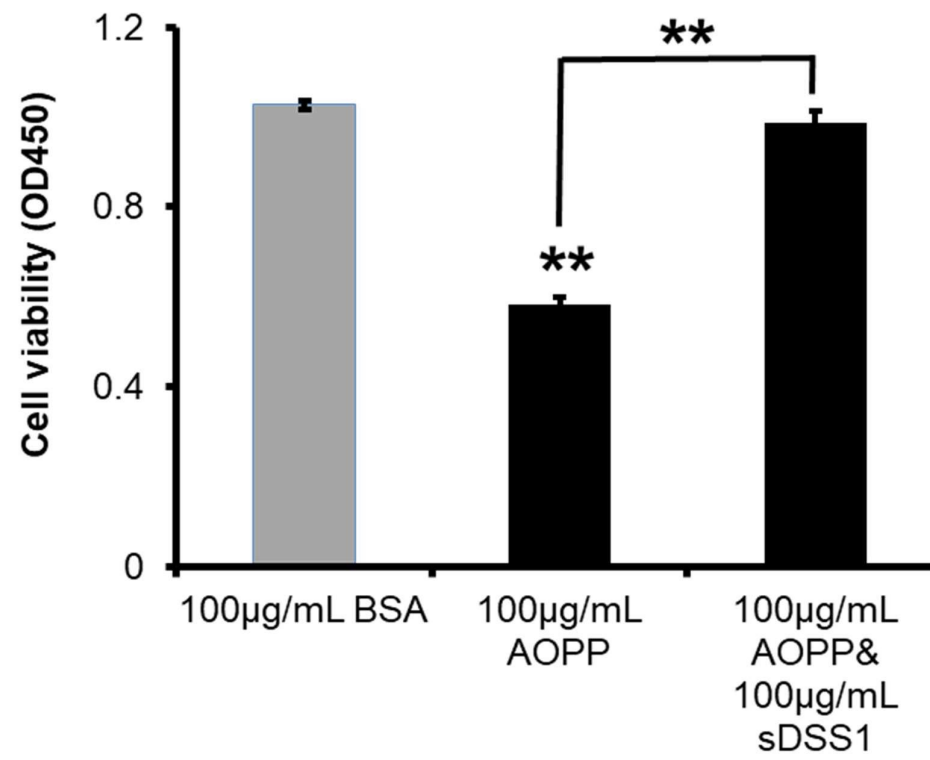
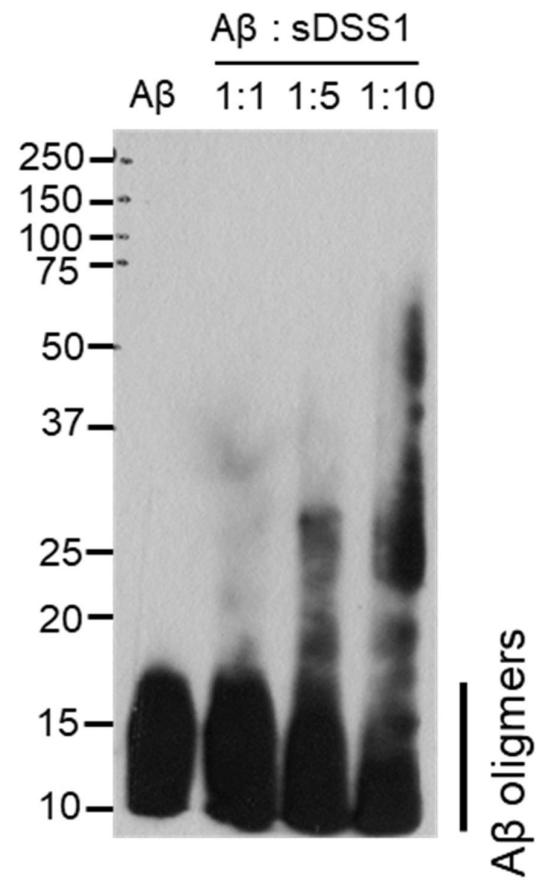


Fig.5D

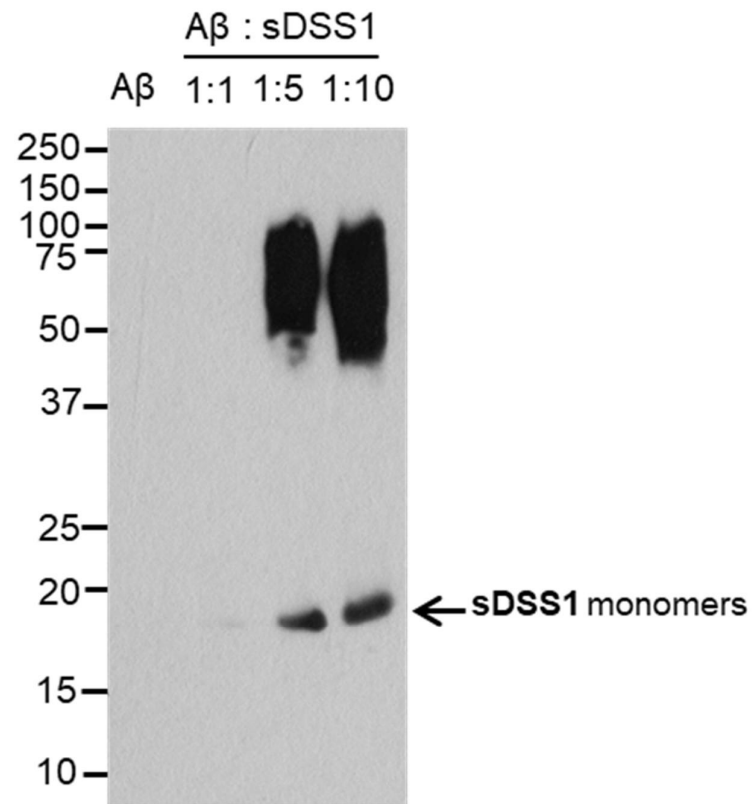
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Primary antibody: Rabbit-anti-A β

Fig.6A

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Primary antibody: V5-HRP

Fig.6B

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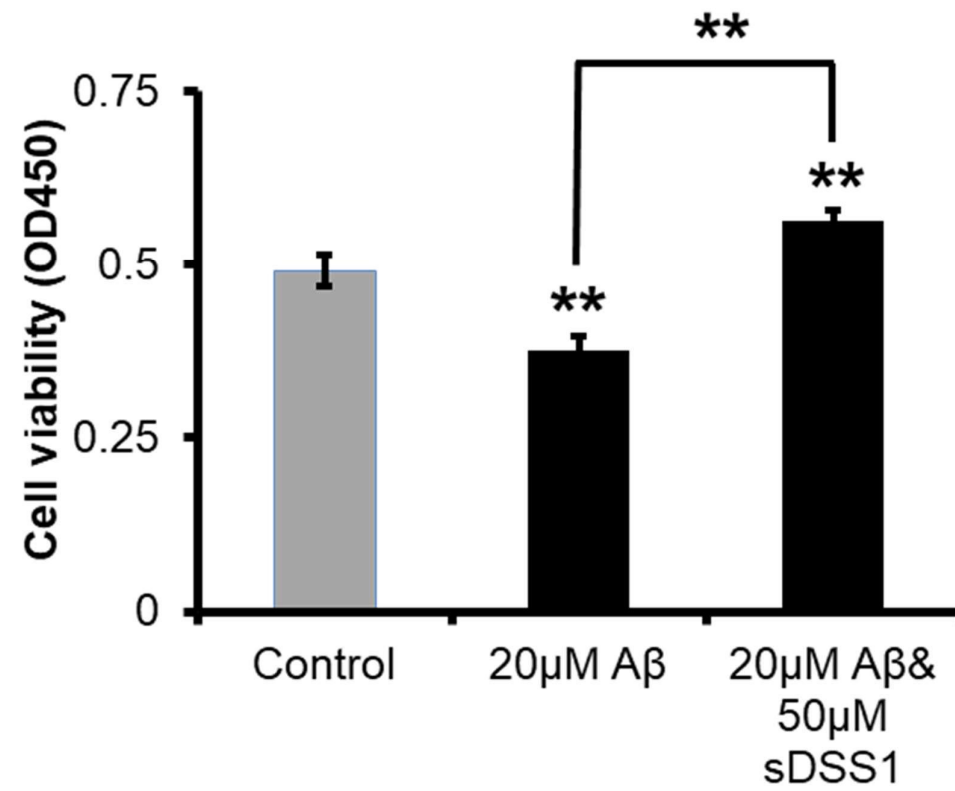


Fig.6C

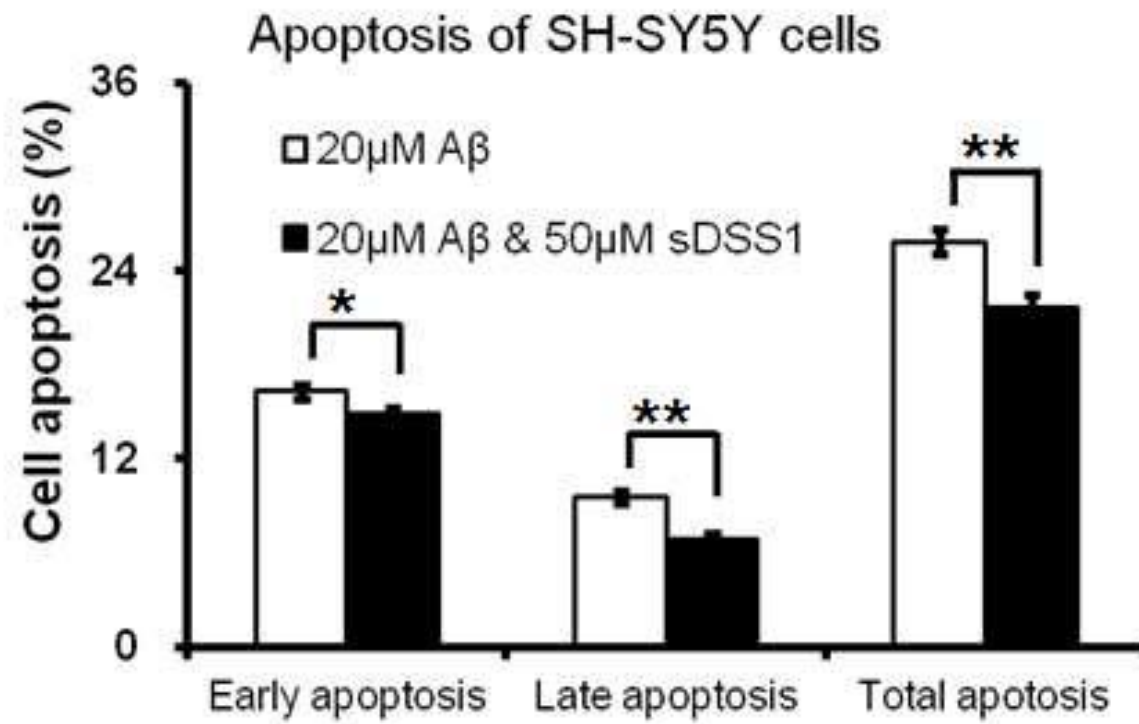


Fig.6D

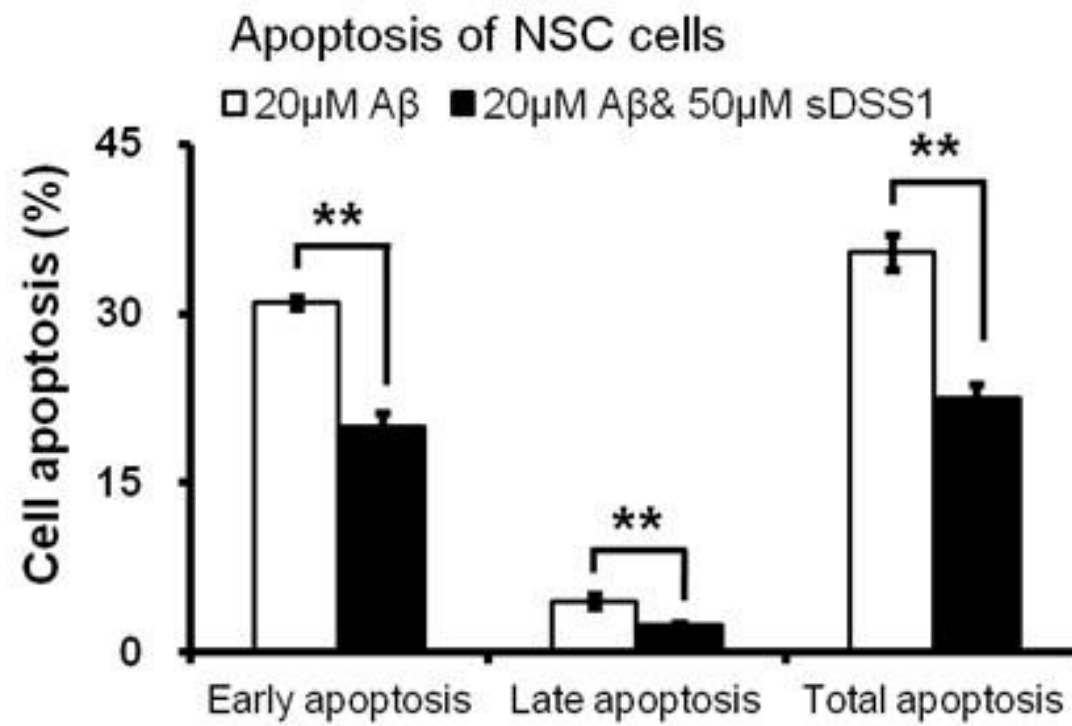


Fig.6E

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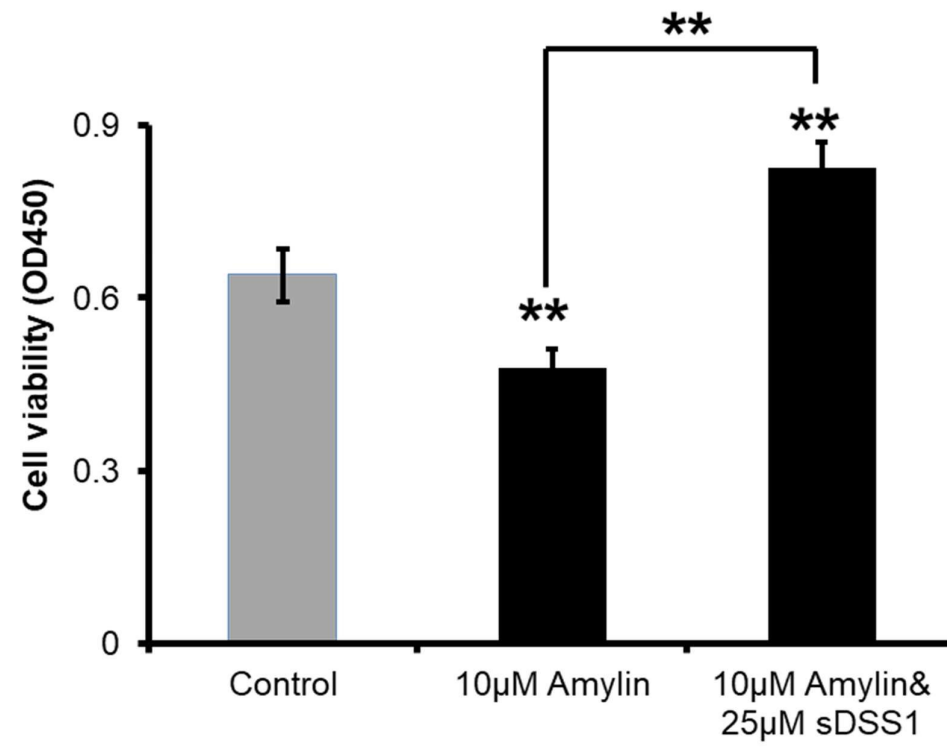


Fig.7

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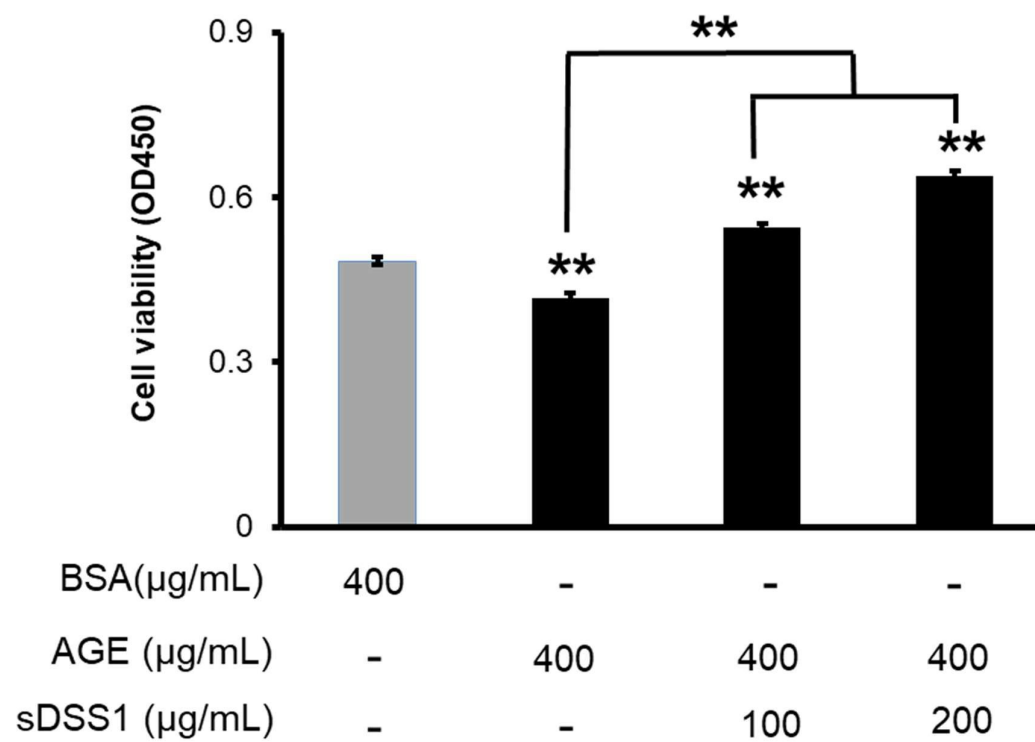


Fig.8

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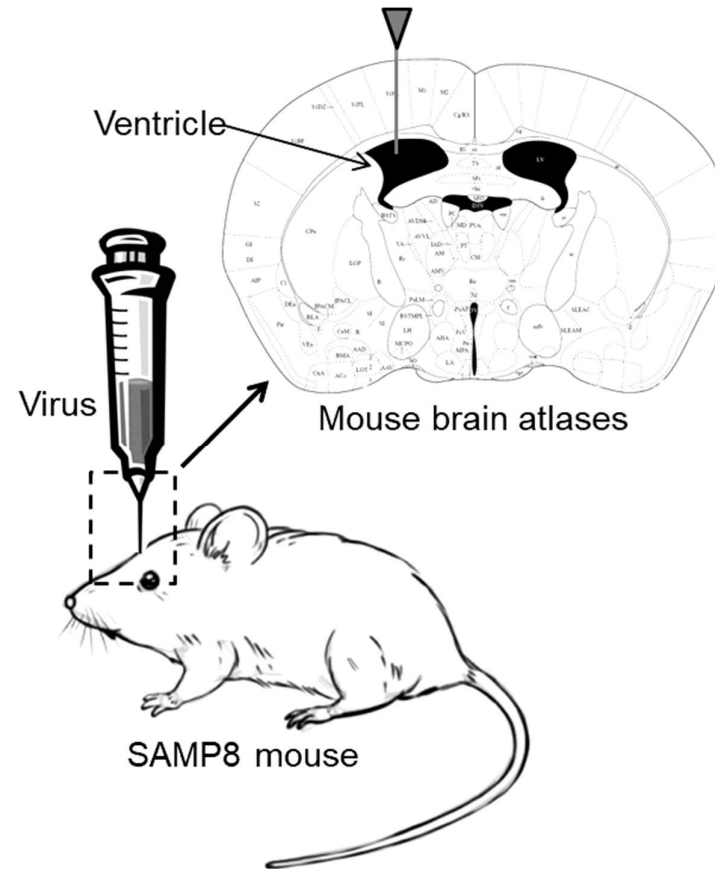


Fig.9A

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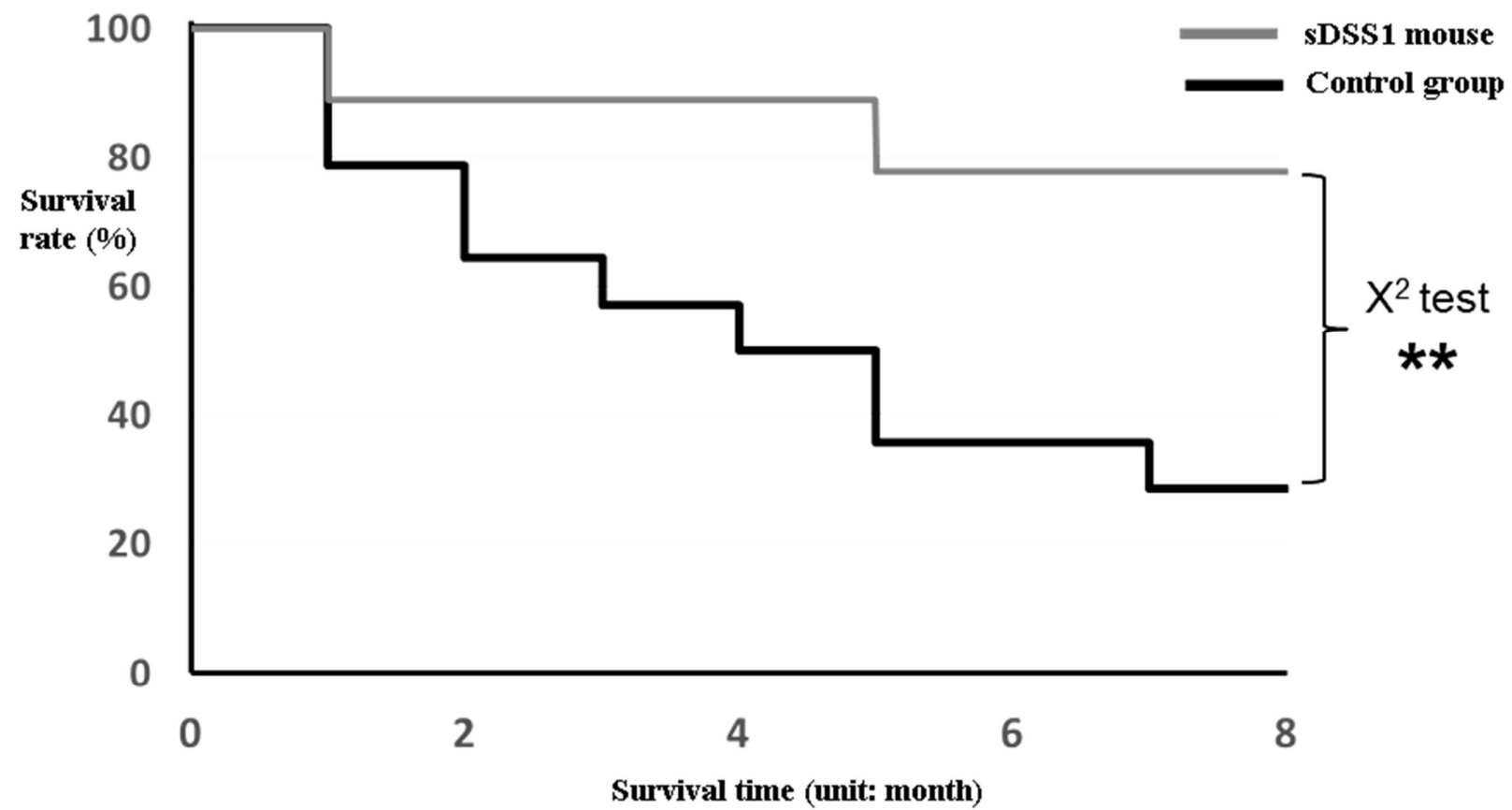


Fig.9B