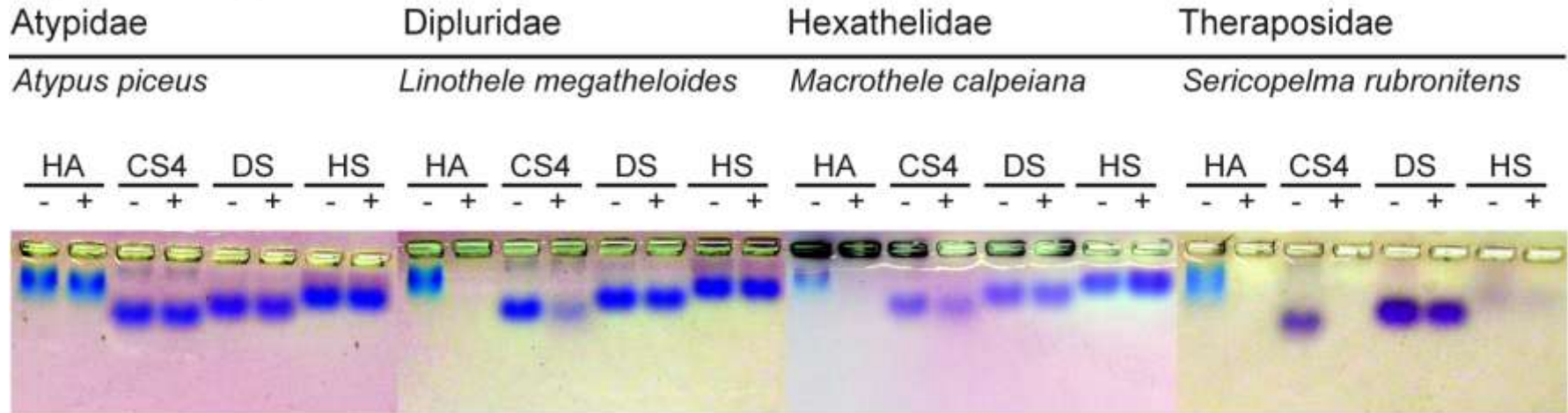
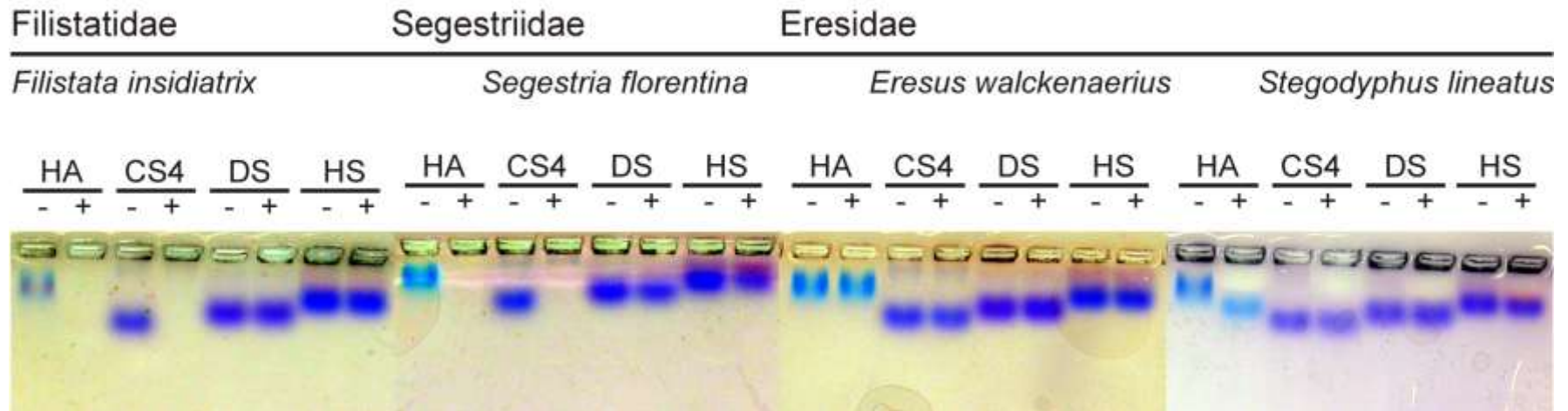


S3 Figure. Hyal activity and substrate specificity of different spider venoms. Degradation of GAG standards (HA, CS4, DS, and HS) after incubation with venom of the examined spider species. Standards were incubated in a ratio of 1:1 with 1:25 diluted venom in 200 mM NaAc, 150 mM NaCl, pH 5.8 for HA, CS4, and DS, and in a 50 mM Tris-HCl, 150 mM NaCl buffer, pH 7.5 for HS. The degradation process was revealed after agarose gel electrophoresis and sequential staining with toluidine blue and Stains-All.

Mygalomorphae



Araneomorphae



Theridiidae

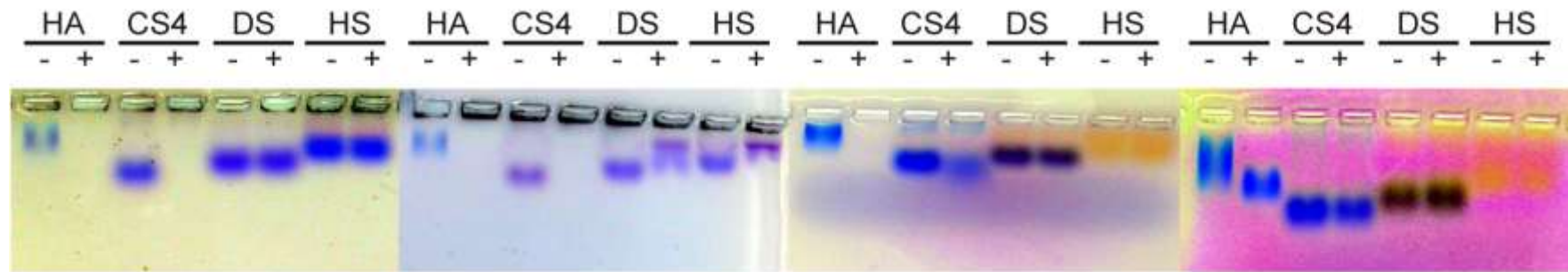
Tetragnathidae

Nephilidae

Latrodectus tredecimguttatus *Steatoda paykulliana*

Meta menardi

Nephila pilipes



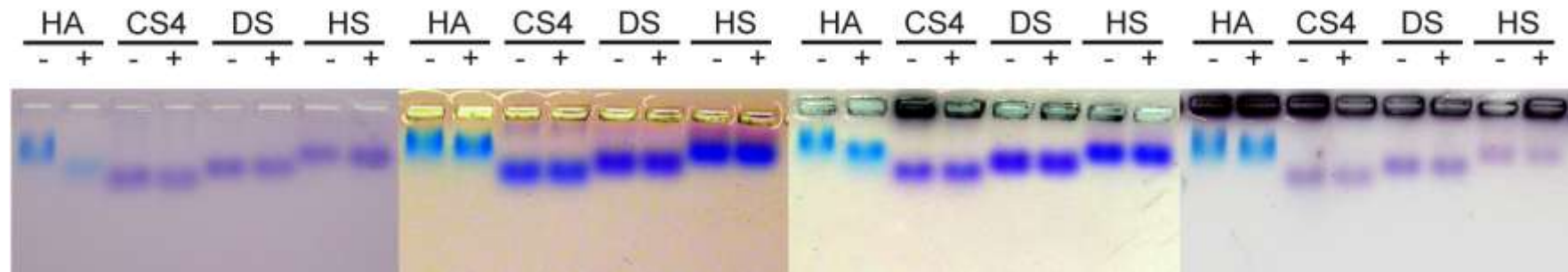
Araneidae

Araneus angulatus

Araneus diadematus

Argiope bruennichi

Larinooides sclopetarius



Araneomorphae, RTA-clade

Amaurobiidae

Agelenidae

Sparassidae

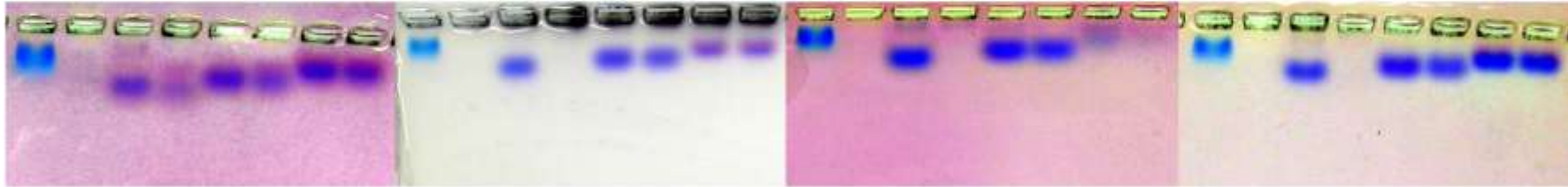
Callobius claustrarius

Agelena labyrinthica

Tegenaria atrica

Eusparassus dufouri

HA		CS4		DS		HS		HA		CS4		DS		HS		HA		CS4		DS		HS			
-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+



Gnaphosidae

Zoropsidae

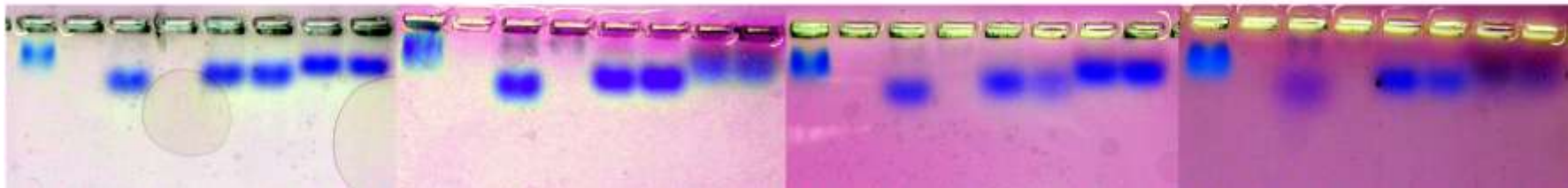
Isopeda villosa

Polybetes pythagoricus

Drassodes lapidosus

Zoropsis spinimana

HA		CS4		DS		HS		HA		CS4		DS		HS		HA		CS4		DS		HS			
-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+



Oxyopidae

Pisauridae

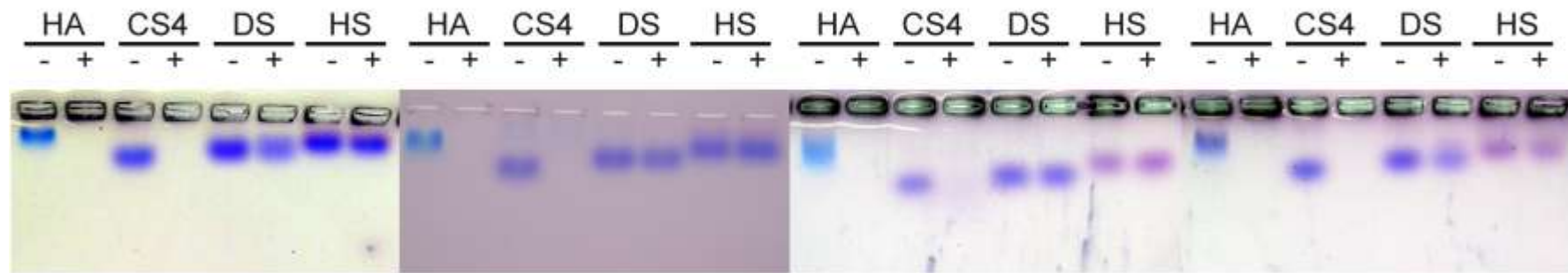
Lycosidae

Oxyopes sp.

Dolomedes okefinokensis

Pisaura mirabilis

Alopecosa fabrilis



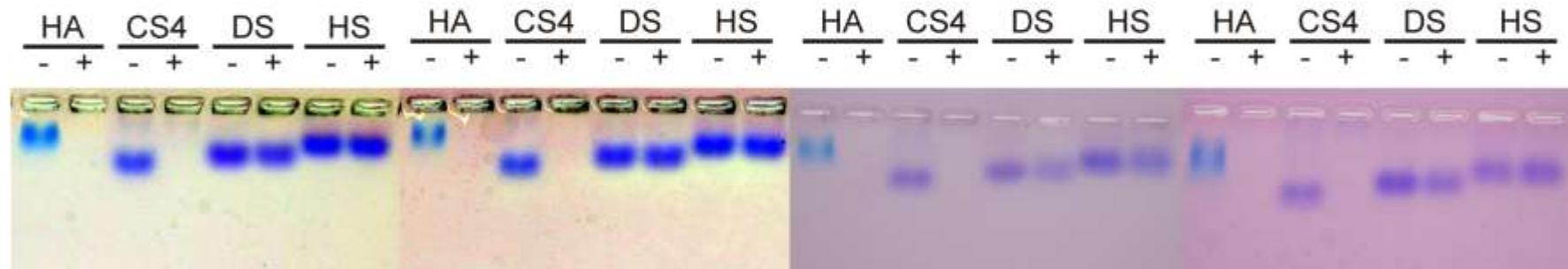
Lycosidae

Alopecosa marikovskyi

Geolycosa vultuosa

Hogna radiata

Lycosa hispanica



Lycosidae

Ctenidae

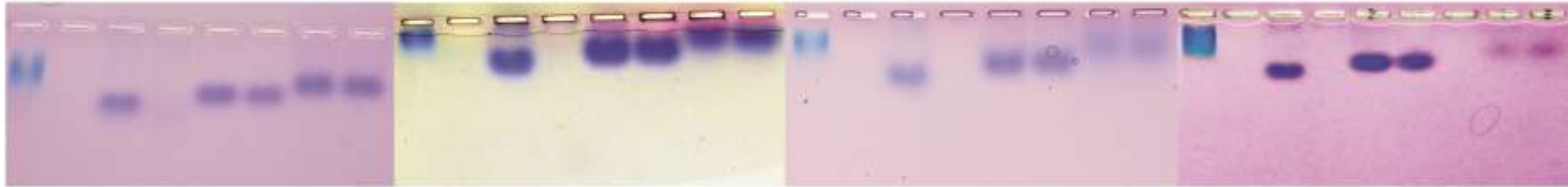
Lycosa praegrandis

Ancylometes rufus

Cupiennius salei

Phoneutria fera

HA		CS4		DS		HS		HA		CS4		DS		HS		HA		CS4		DS		HS			
-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+



Ctenidae

Oecobiidae

Phoneutria reidyi

Viridasius fasciatus

Uroctea durandi

HA		CS4		DS		HS		HA		CS4		DS		HS	
-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+

