Supplementary Data

	Vehic	le (Male)			
 Sham			rTBI		
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 					•• B/
 					Ac
Vehicle		rTBI	ISRIB (2.5r	na/ka)	
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	_				
 	Sham				
Vehicle	Sham	ISRI	B (2.5ma/ka)		
Vehicle	Sham	ISRI	B (2.5ma/ka)		2-alE2rd
Vehicle	Sham	ISRI	3 (2.5ma/ka)		P-elF2α BlF2α

SUPPLEMENTARY FIG. S1. Integrated stress response (ISR) pathway activation marker raw data. Western blot analysis of
hemibrains for ISR activation: p-eIF2a, total eIF2a, ATF4, BACE-1, and actin protein. Analysis was performed on multiple blots; raw
data shown here. Protein levels were quantified to total $eIF2\alpha$ (p- $eIF2\alpha$) or actin (ATF4, BACE-1) levels and standardized to sham +
vehicle group. rTBI, repetitive traumatic brain injury; ISRIB, integrated stress response inhibitor.

BACE-1

Actin

56 kD 42 kD

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