

	5DPI	14DPI	28DPI
Uninjured vs. Uninjured+Mino	Leptin (p = 0.023)	Melatonin (p = 0.049)	
Uninjured vs. SCI		Melatonin (p = 0.041)	IL-12 (p = 0.021)
			Eotaxin (p = 0.041)
			MIP-1a (p = 0.005)
			IL-6 (p = 0.041)
			IL-5 (p = 0.018)
			MCP1 (p = 0.043)
			VEGF (p = 0.044)
			Fractalkine (p = 0.020)
Uninjured vs. SCI+Mino	Leptin (p = 0.026)	Leptin (p = 0.037)	Melatonin (p = 0.026)
		Melatonin (p = 0.012)	
Uninjured+Mino vs. SCI			LIX (p = 0.003)
			IL-17a (p = 0.002)
			IL-12 (p = 0.003)
			GM-CSF (p = 0.003)
			Eotaxin (p = 0.010)
			TNFa (p = 0.005)
			MIP-1a (p = 0.001)
			IL-4 (p = 0.021)
			IL-6 (p = 0.039)
			IL-5 (p = 0.010)
			IL-18 (p = 0.029)
			MCP1 (p = 0.025)
			Fractalkine (p = 0.017)
Uninjured+Mino vs. SCI+Mino			
SCI vs. SCI+Mino			MCP-1 (p = 0.018)
			Eotaxin (p = 0.005)
			GM-CSF (p = 0.015)
			MIP-1a (p = 0.034)
			Fractalkine (p = 0.018)
			IL-6 (p = 0.014)
			TNFa (p = 0.035)
Colour represents which group is significantly increased			
Uninjured	Uninjured + Minocycline	SCI	SCI + Minocycline