

Gfap

Factor	η^2 Value	Effect Size
Interaction	0.430	Large
PEE	0.161	Large
Sex	0.063	Medium

Vimentin

Factor	η^2 Value	Effect Size
Sex	0.0118	Small
PEE	0.0039	Very Small
Interaction	0.0035	Very Small

Tnfa

Factor	η^2 Value	Effect Size
PEE	0.2571	Large
Sex	0.1405	Large
Interaction	0.00043	Negligible

Il6

Factor	η^2 Value	Effect Size
PEE	0.1032	Medium
Sex	0.0319	Small
Interaction	0.0131	Very Small

Il1b

Factor	η^2 Value	Effect Size
Sex	0.200	Large
PEE	0.113	Medium
Interaction	0.019	Small

Ptgs

Factor	η^2 Value	Effect Size
PEE	0.1153	Medium
Sex	0.0128	Small
Interaction	0.0005	Negligible

P2rx5

Factor	η^2 Value	Effect Size
Interaction	0.373	Large
Sex	0.103	Medium
PEE	0.000035	Negligible

Mcu

Factor	η^2 Value	Effect Size
Sex	0.0773	Medium
PEE	0.0431	Small
Interaction	0.0042	Very Small

Nsmf

Factor	η^2 Value	Effect Size
Sex	0.1041	Medium–Large
PEE	0.00125	Negligible
Interaction	0.0000049	Negligible

Itpr1

Factor	η^2 Value	Effect Size
Sex	0.0839	Medium
Interaction	0.0064	Very Small
Treatment	0.0011	Negligible

Gls

Factor	η^2 Value	Effect Size
Sex	0.4240	Large
Interaction	0.0621	Small–Medium
PEE	0.0000476	Negligible

Gls2

Factor	η^2 Value	Effect Size
Treatment	0.0551	Small–Medium
Sex	0.0337	Small
Interaction	0.0003	Negligible

