

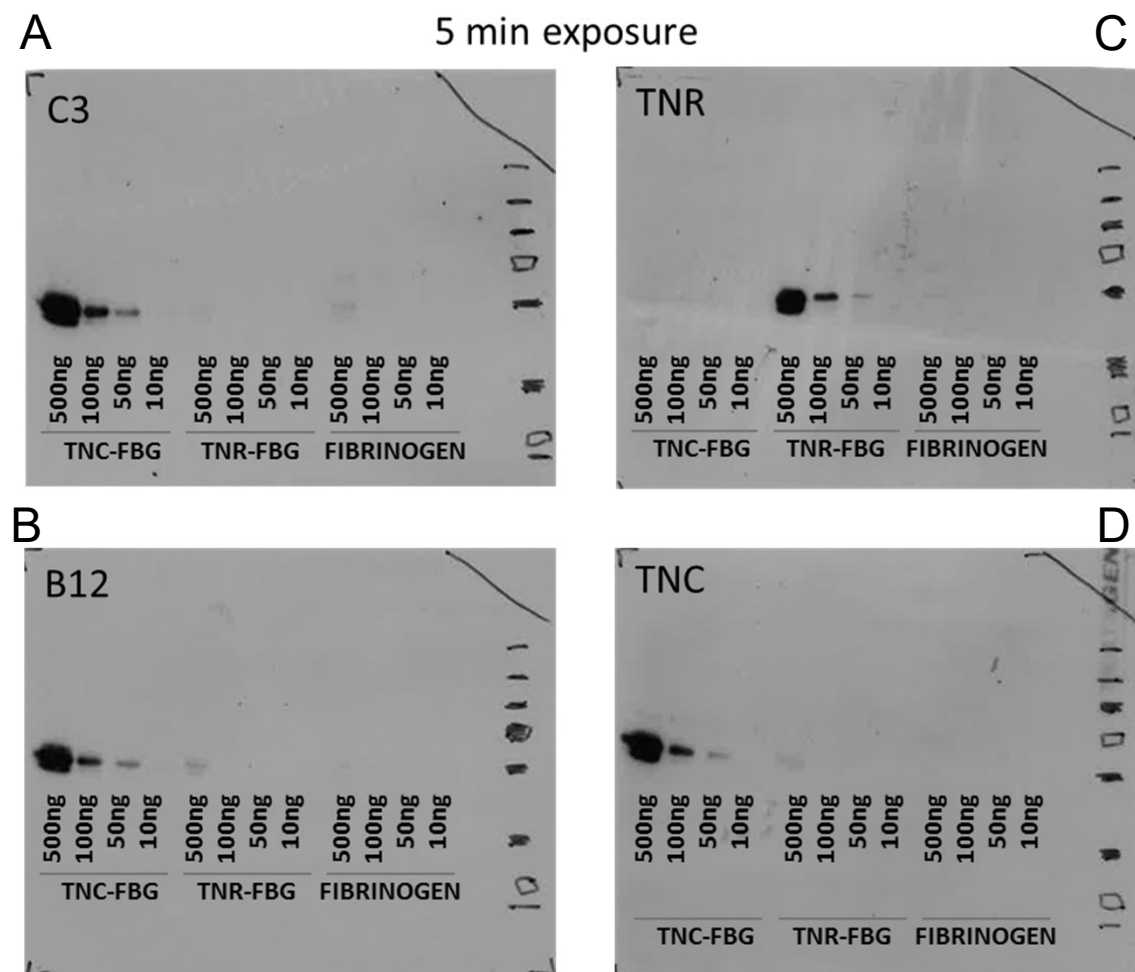


Figure 14

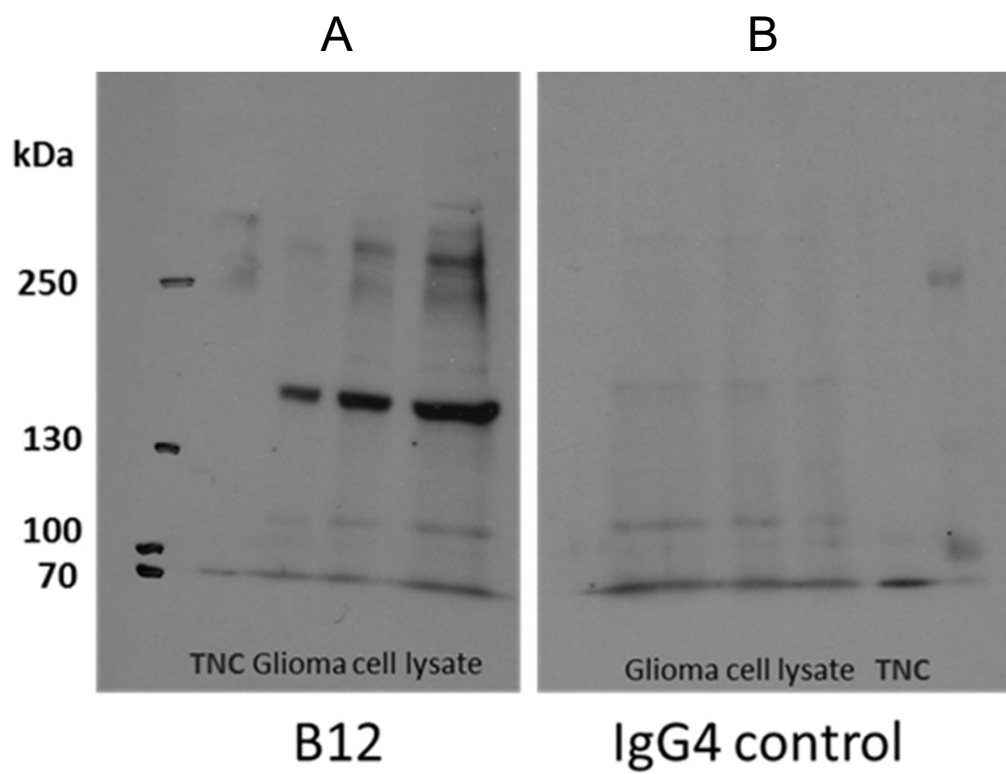


Figure 15

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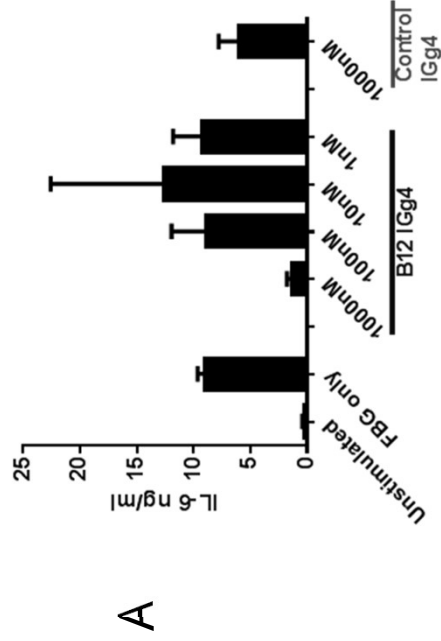
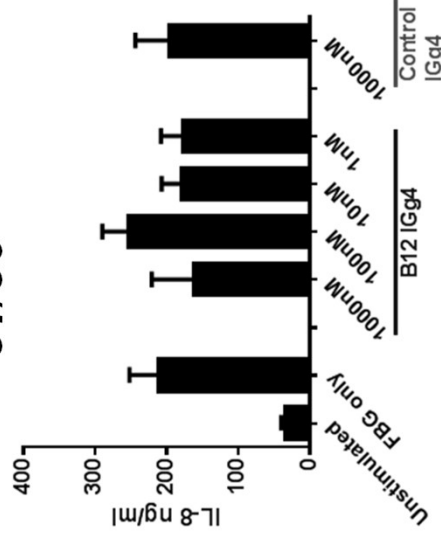
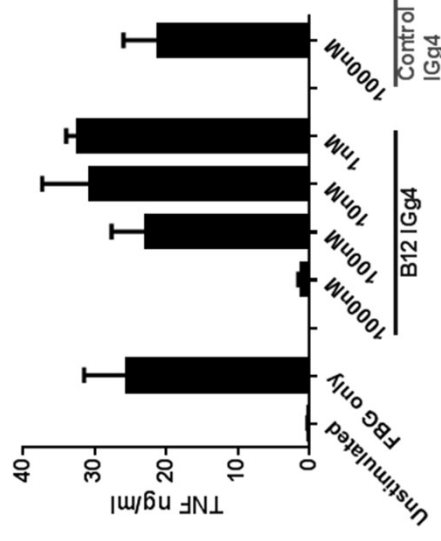
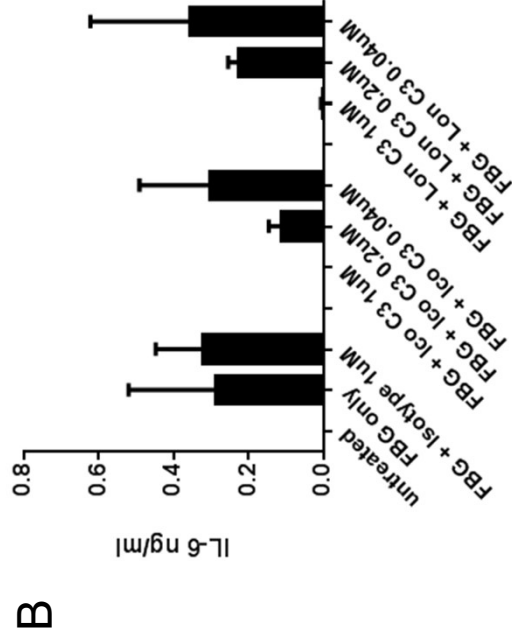
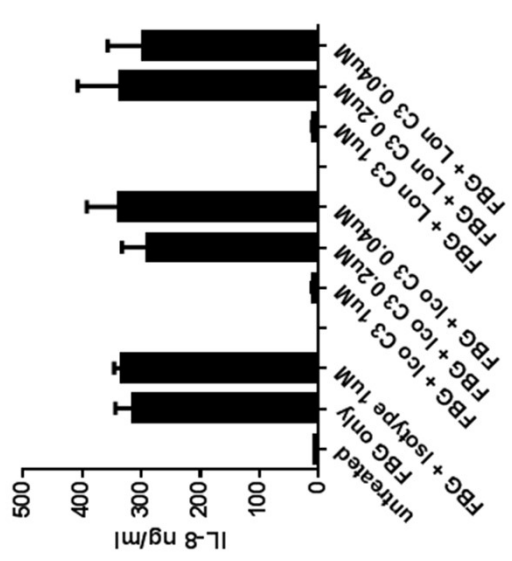
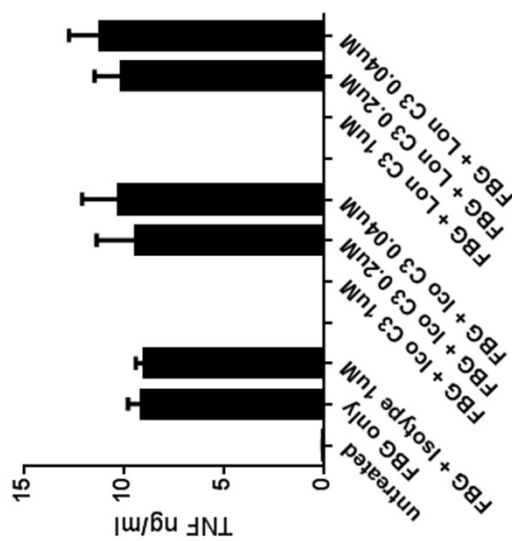


Figure 18

Construct	N-term	Species	Primer name (F)	Primer sequence (F)	Primer name (R)	Primer sequence (R)
FBG-X	minus	human	2561	GGTACCTCGCGAATGCATCTAG	2562	CATGCAGGCCCTCTGCAGTCG
FBG-X	plus	human	2565	TTTTTCCATGGCCAGATTGGACTCCTGTACCCCTT CCCCAAAGATTGCTCTCAGGC	2562	CATGCAGGCCCTCTGCAGTCG
FBG-X	minus	mouse	2561	GGTACCTCGCGAATGCATCTAG	2562	CATGCAGGCCCTCTGCAGTCG
FBG-X	plus	mouse	2566	TTTTTCCATGGCCAGATTGGACTCCTGTACCCCTT CCCTCGCGACTGCTCACAG	2562	CATGCAGGCCCTCTGCAGTCG
X-FBG	minus	human	2567C	TTTTTGGATGCCATCATCATCACCATCAGTTCCCA AAGATTGCTCTCAGGC	2570	TTTTTTAAGCTTTTATTACGCCCGT TTACGCCGACCCCTC
X-FBG	plus	human	2567	TTTTTGGATGCCATCATCATCACCATCAGATTGGAC TCCTGTACCCCTTCCCAAGATTGCTCTCAGGC	2570	TTTTTTAAGCTTTTATTACGCCCGT TTACGCCGACCCCTC
X-FBG	minus	mouse	2569C	TTTTTGGATGCCATCATCATCACCATCAGTTCCCTC GCGACTGCTCACAG	2571	TTTTTTAAGCTTTTATTACGCCCGT TTCCGCCGACCTTC
X-FBG	plus	mouse	2568C	TTTTTGGATGCCATCATCATCACCATCAGATTGGAC TCCTGTACCCCTTCCCTCGCGACTGCTCACAG	2571	TTTTTTAAGCTTTTATTACGCCCGT TTCCGCCGACCTTC
BamHI- His6-HindIII	N/A	N/A	2574	TTTTTGGATGCCATCATCATCACCATCAGTAATAAAA G	2575	TTTTTTAAGCTTTTATTAGTGATGG TGATGATGATGGG
His-FBG	plus	human	2580	TTTTTCTCGAGCATCATCATCACCATCAGATTGGAC TCC	2570	TTTTTTAAGCTTTTATTACGCCCGT TTACGCCGACCCCTC
His-FBG	plus	mouse	2580	TTTTTCTCGAGCATCATCATCACCATCAGATTGGAC TCC	2571	TTTTTTAAGCTTTTATTACGCCCGT TTCCGCCGACCTTC

Figure 23