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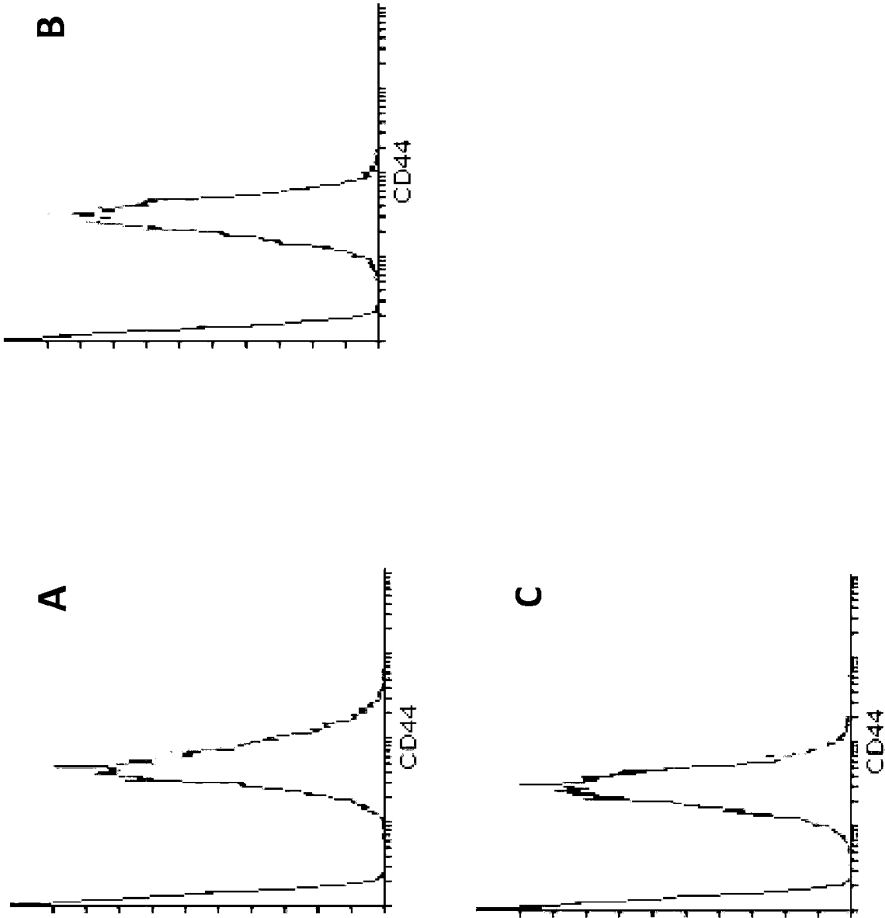


Figure 2

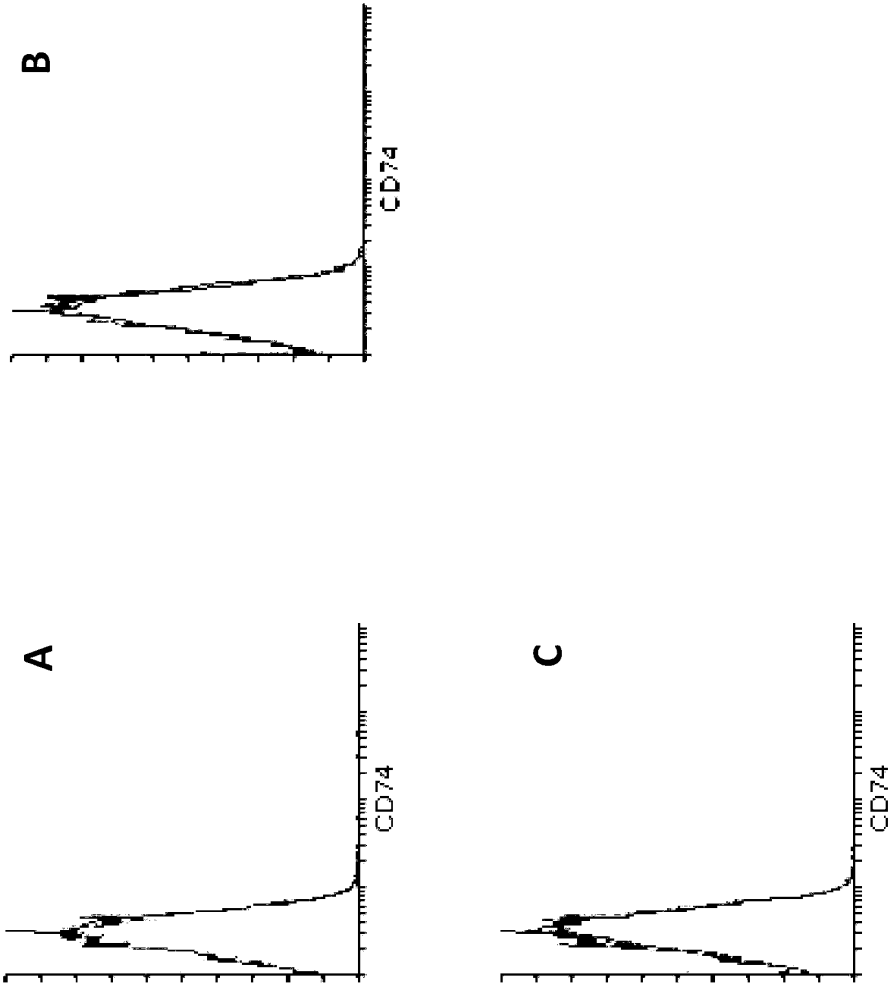
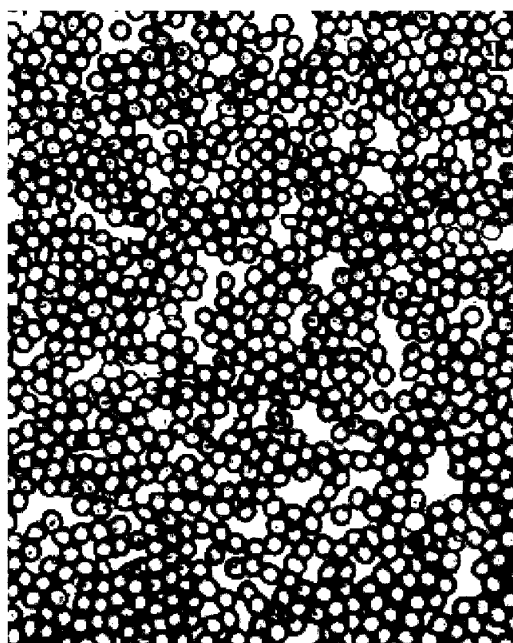
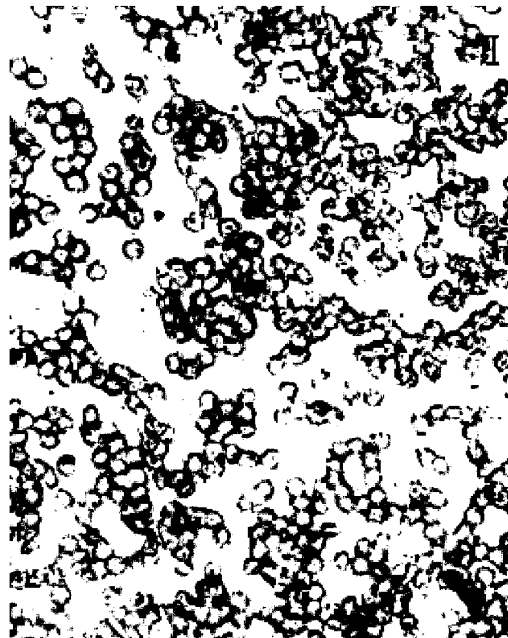


Figure 3



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Figure 4



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Figure 5



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Figure 6



Figure 7

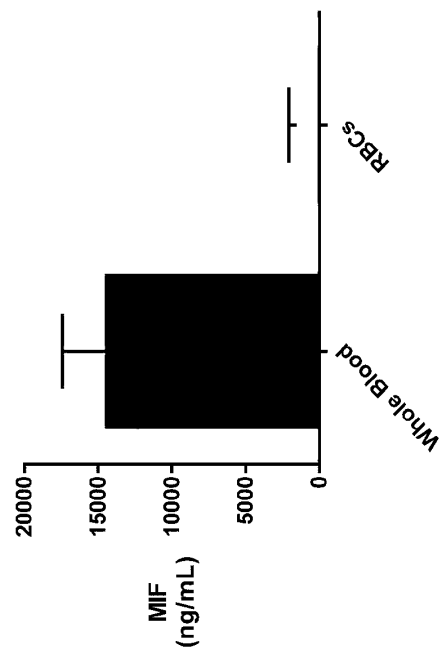


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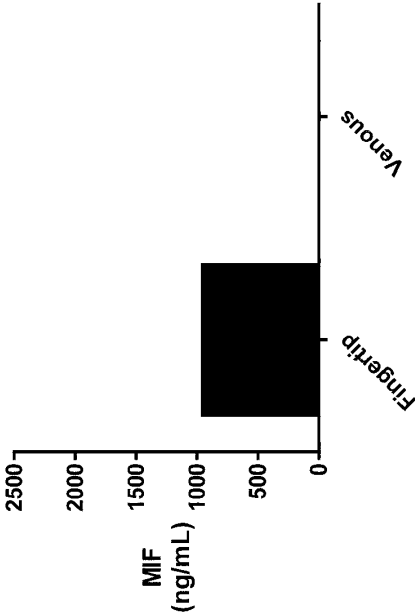


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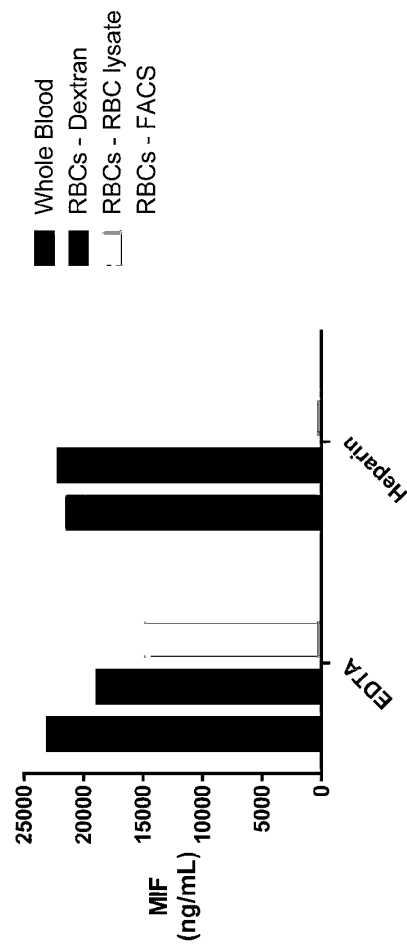


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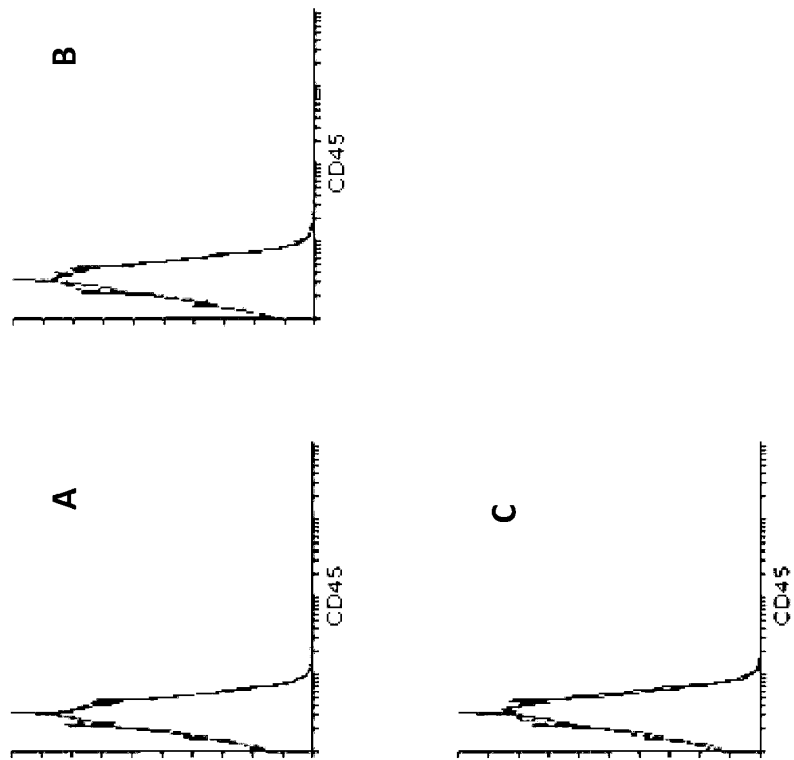


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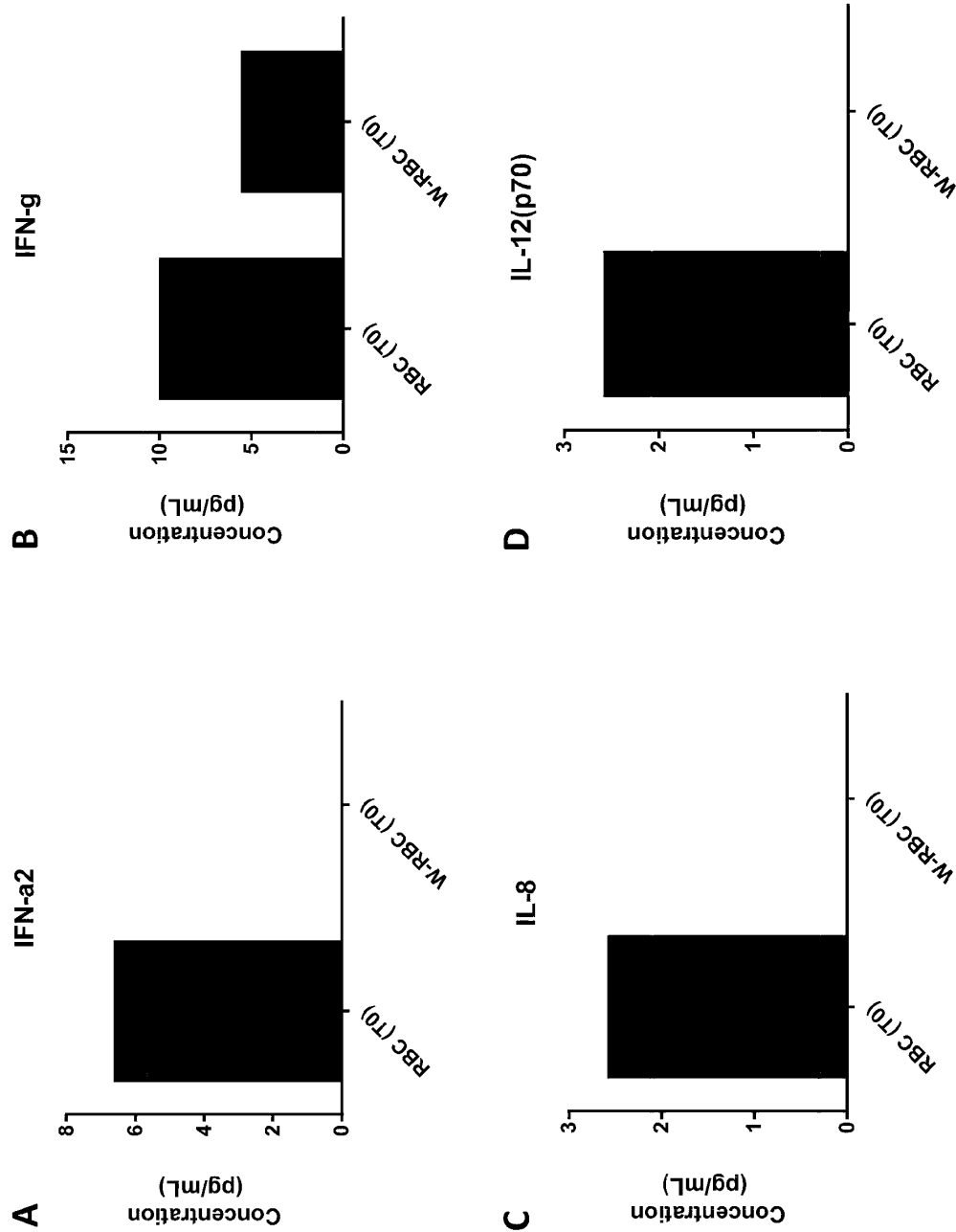


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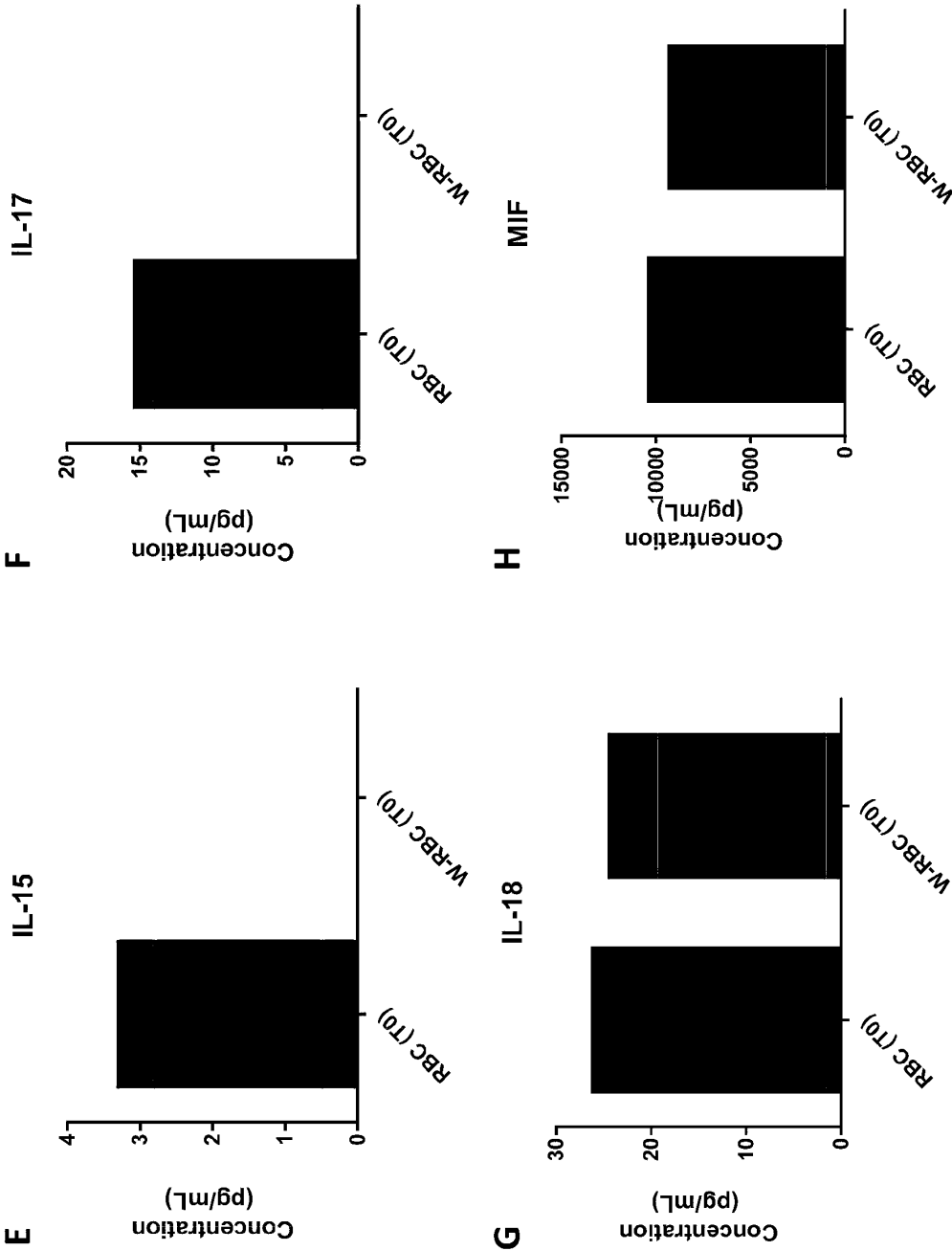


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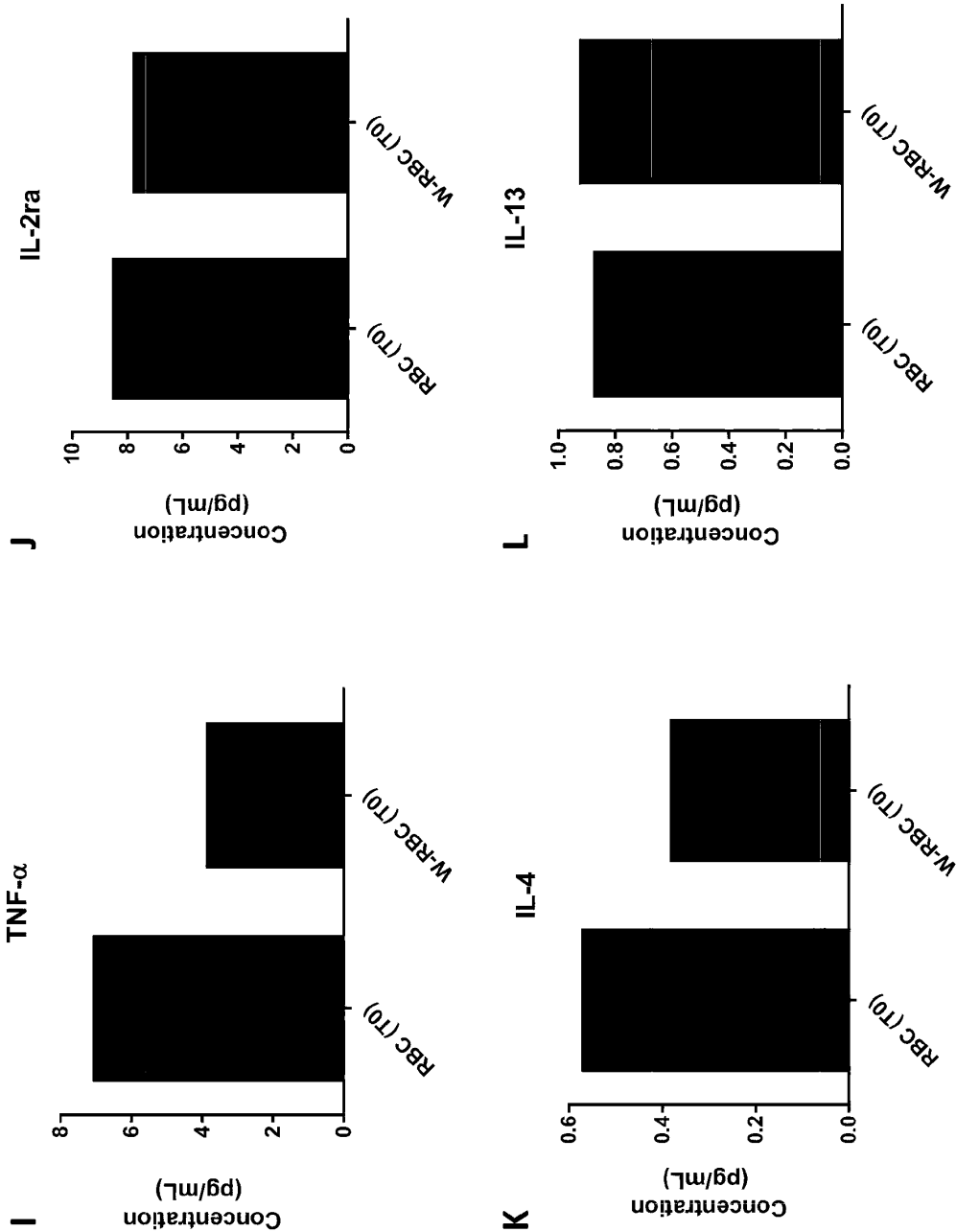


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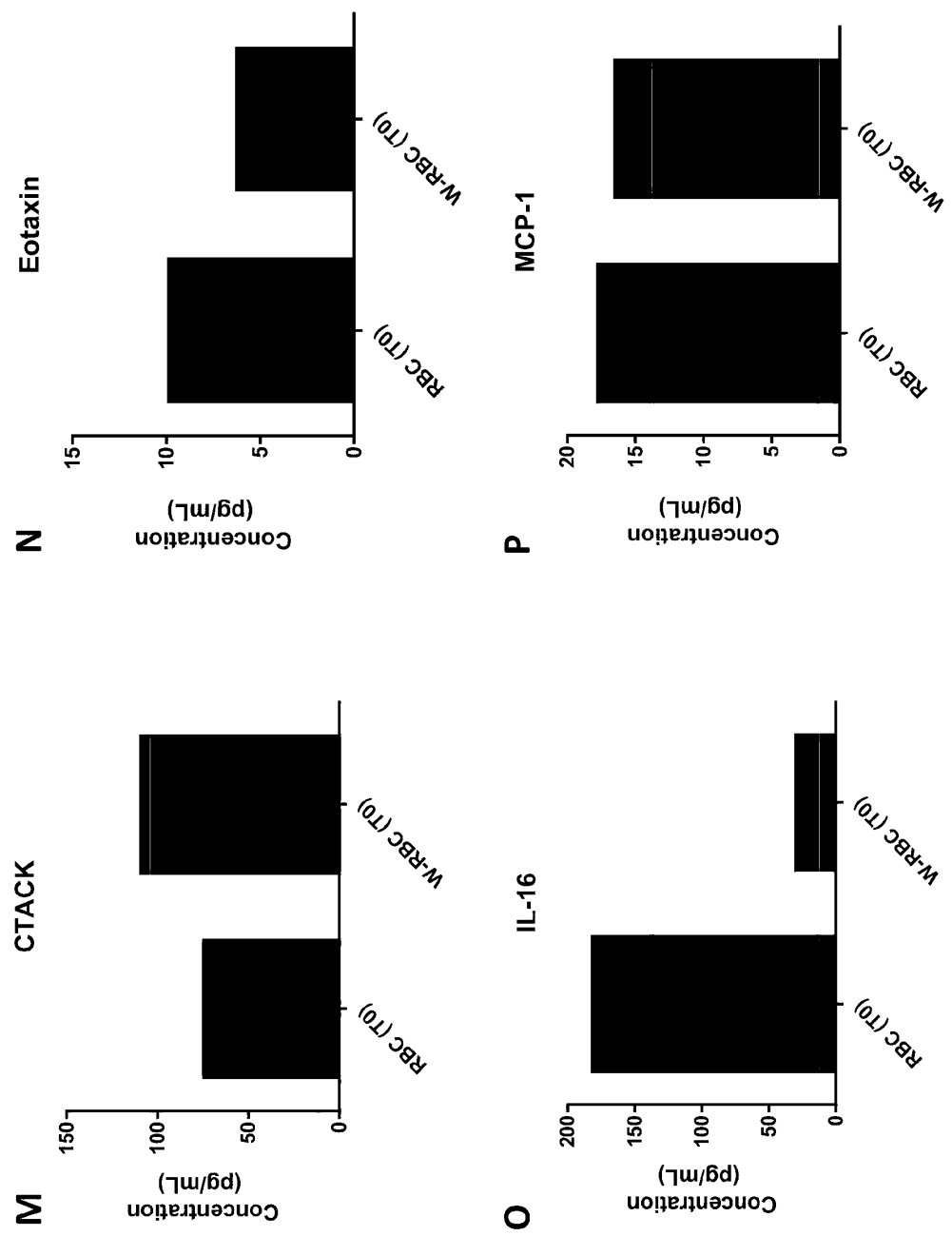


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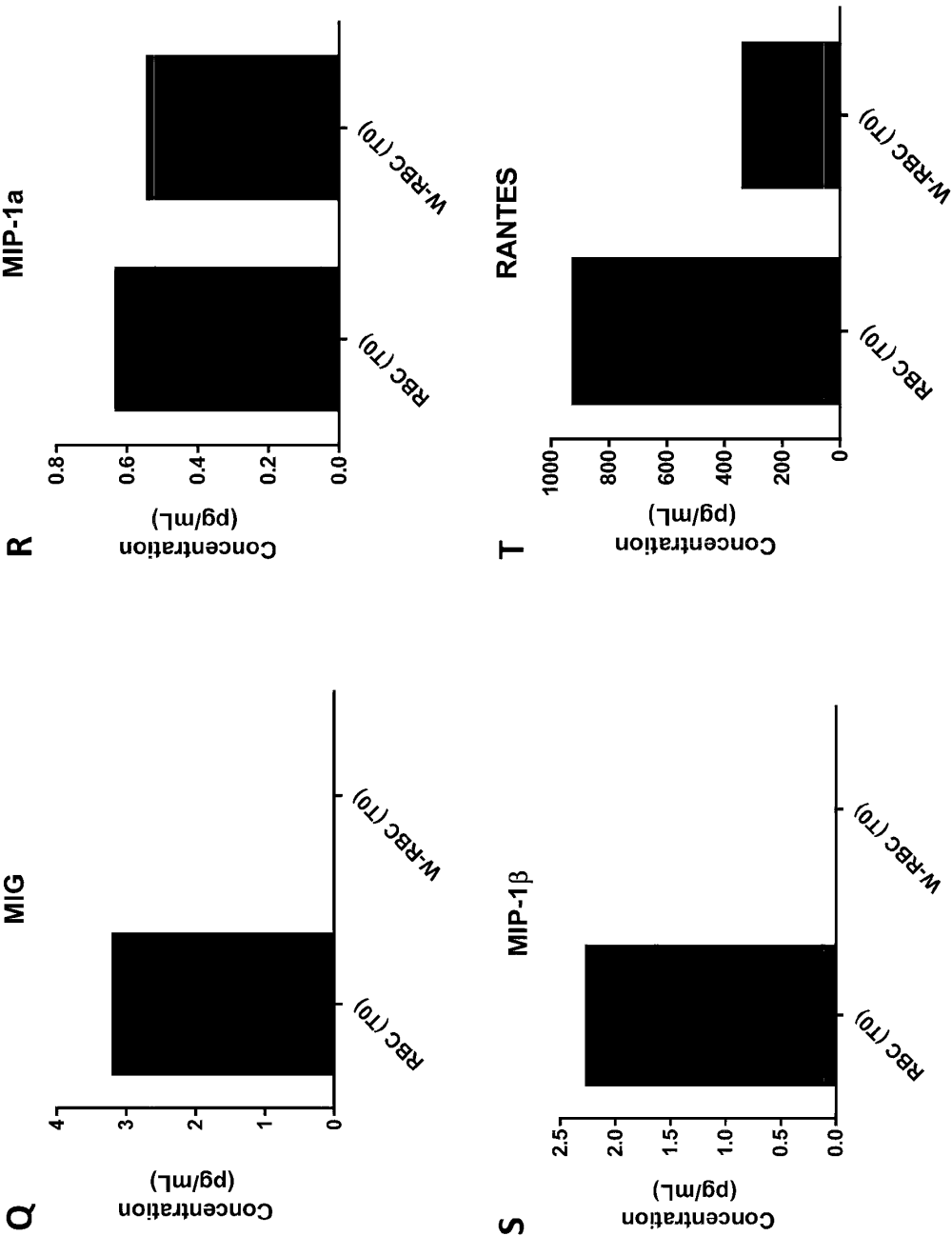


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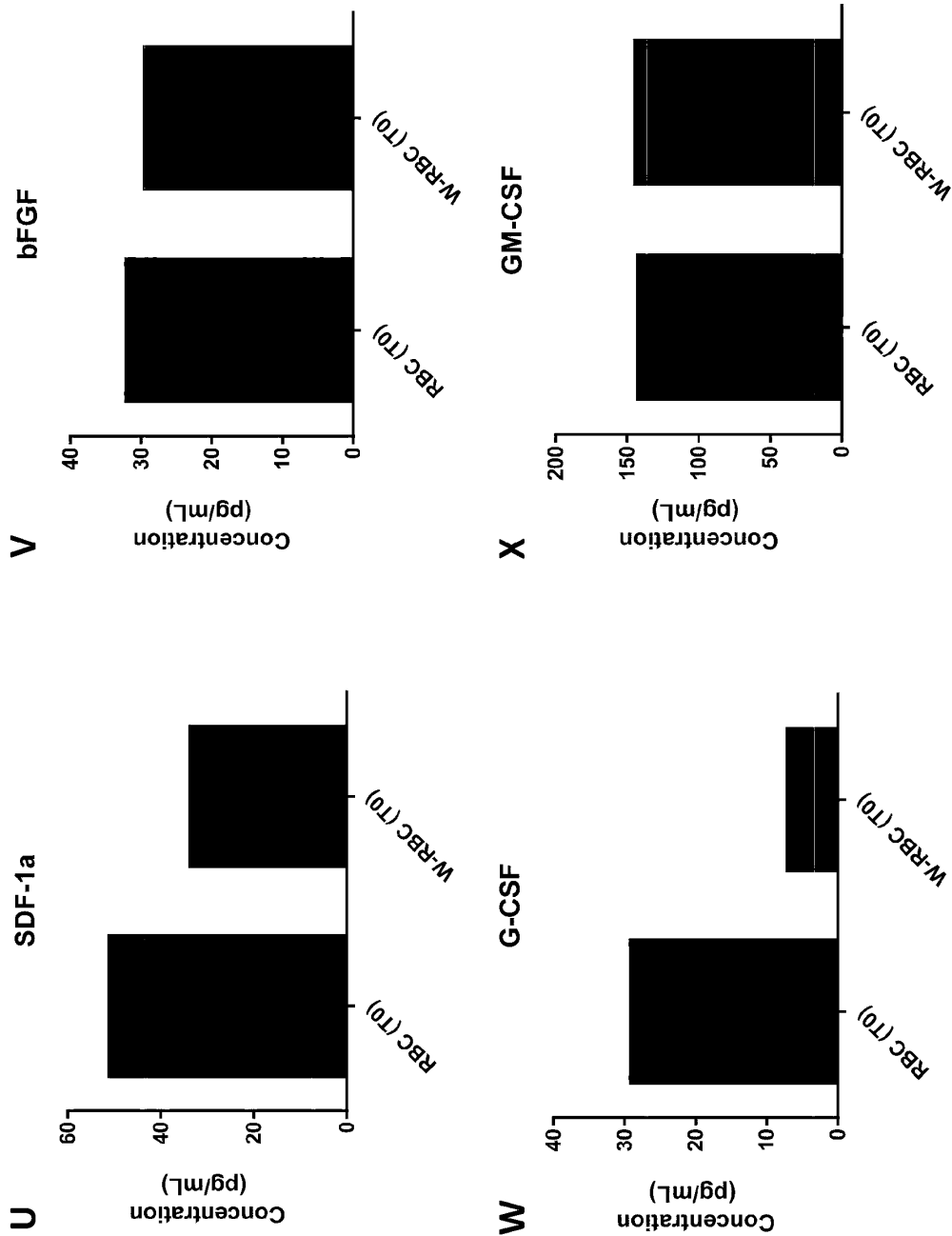


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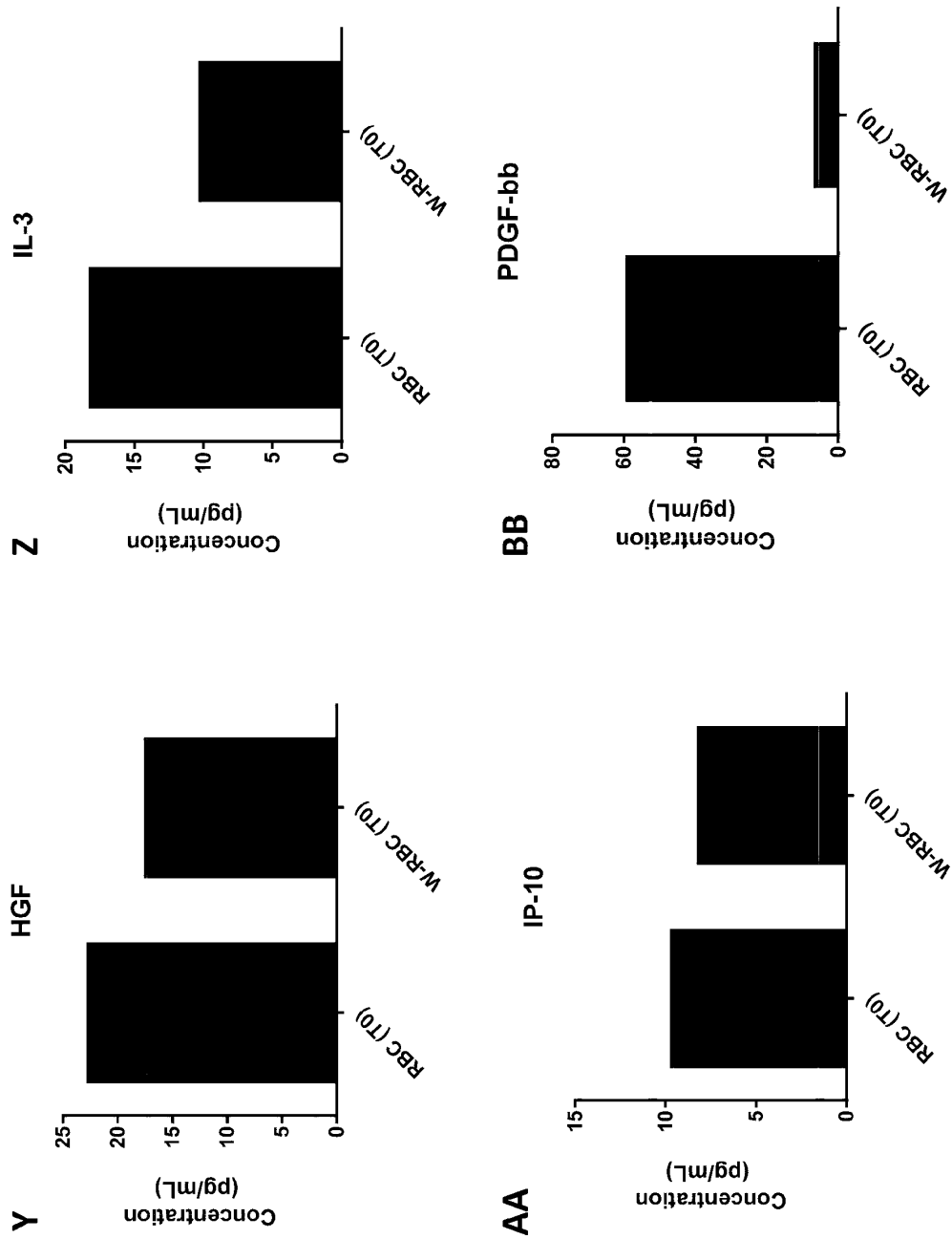


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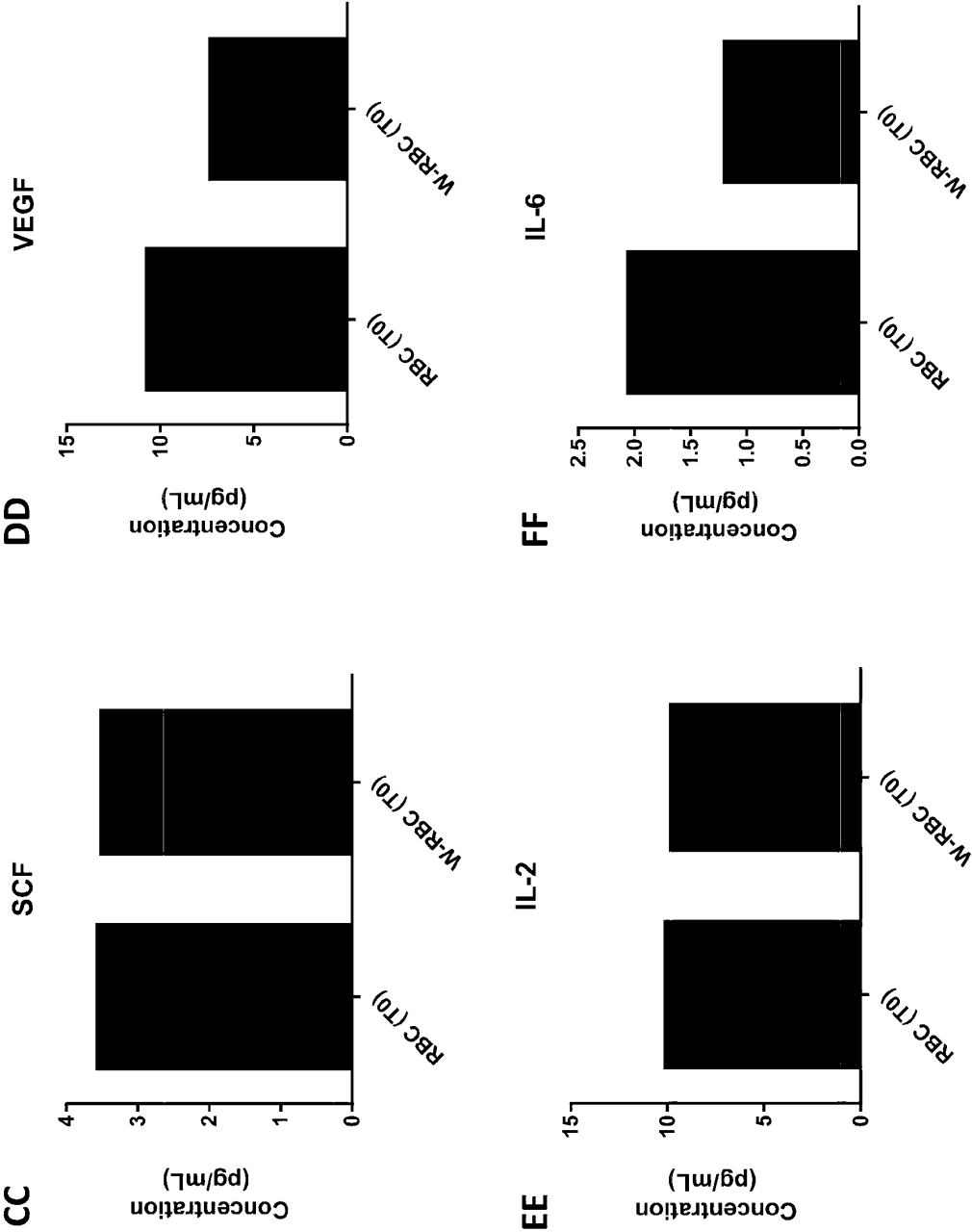


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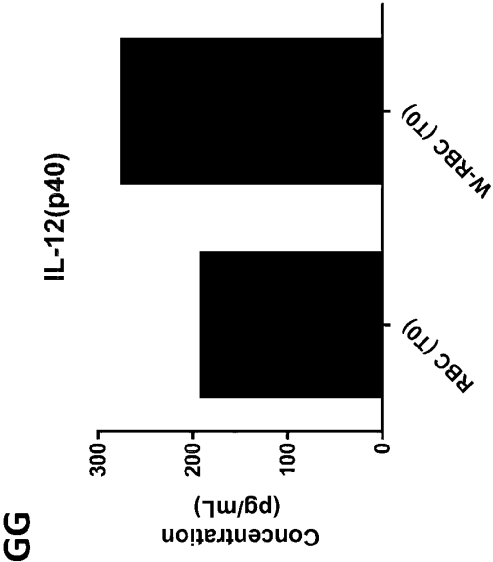


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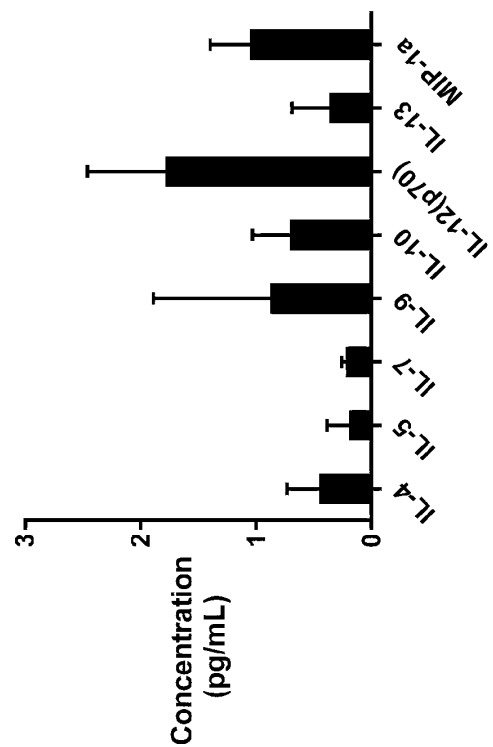


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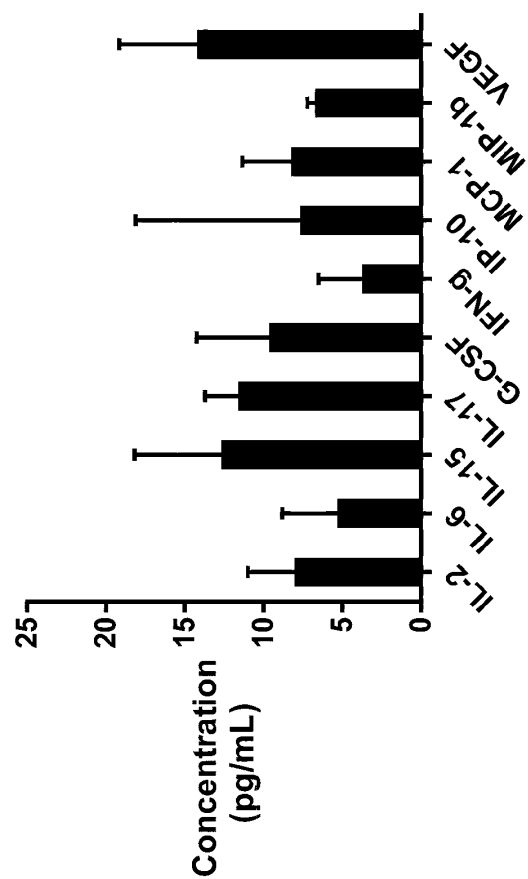


Figure 14

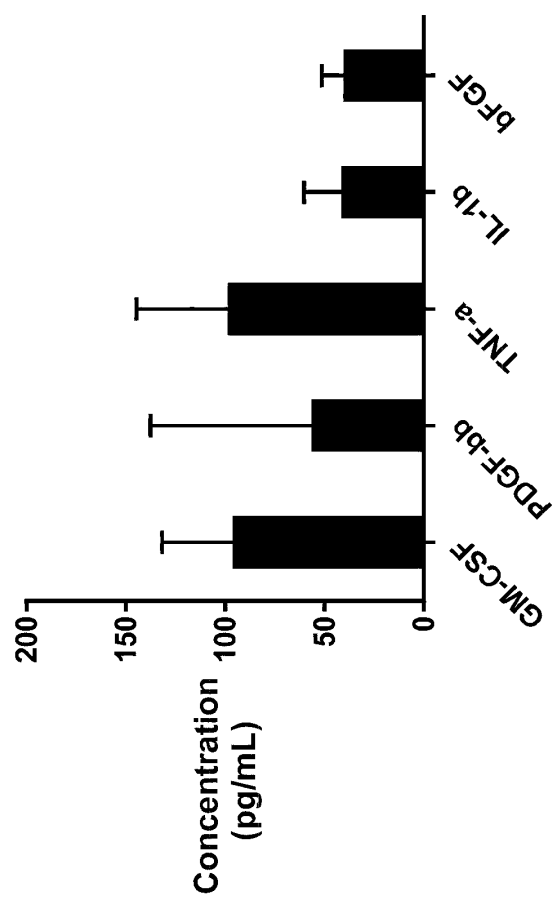


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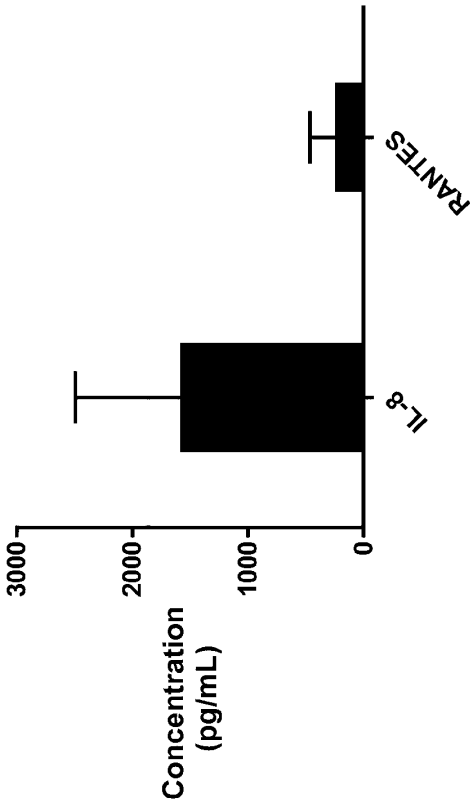


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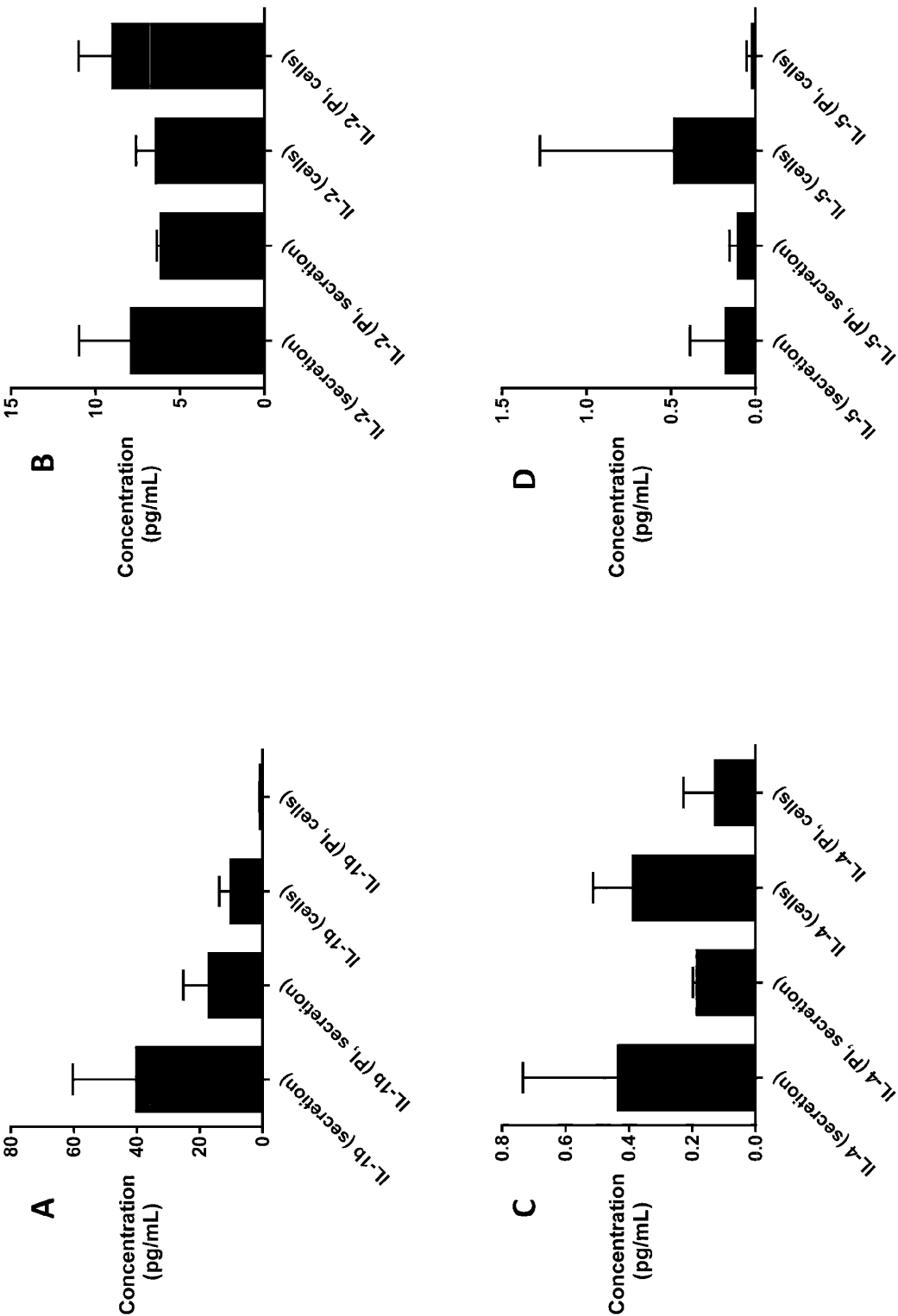


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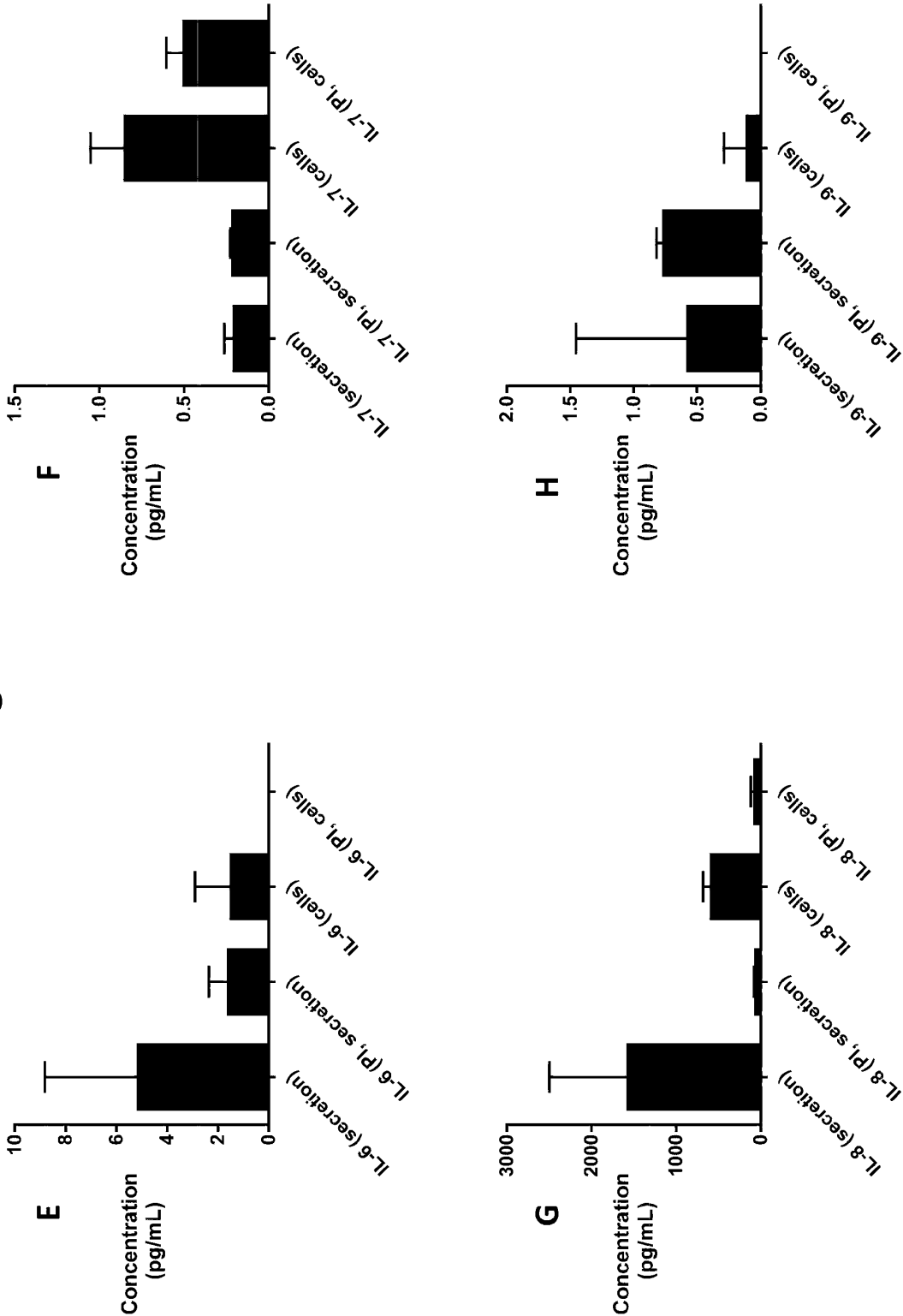


Figure 16

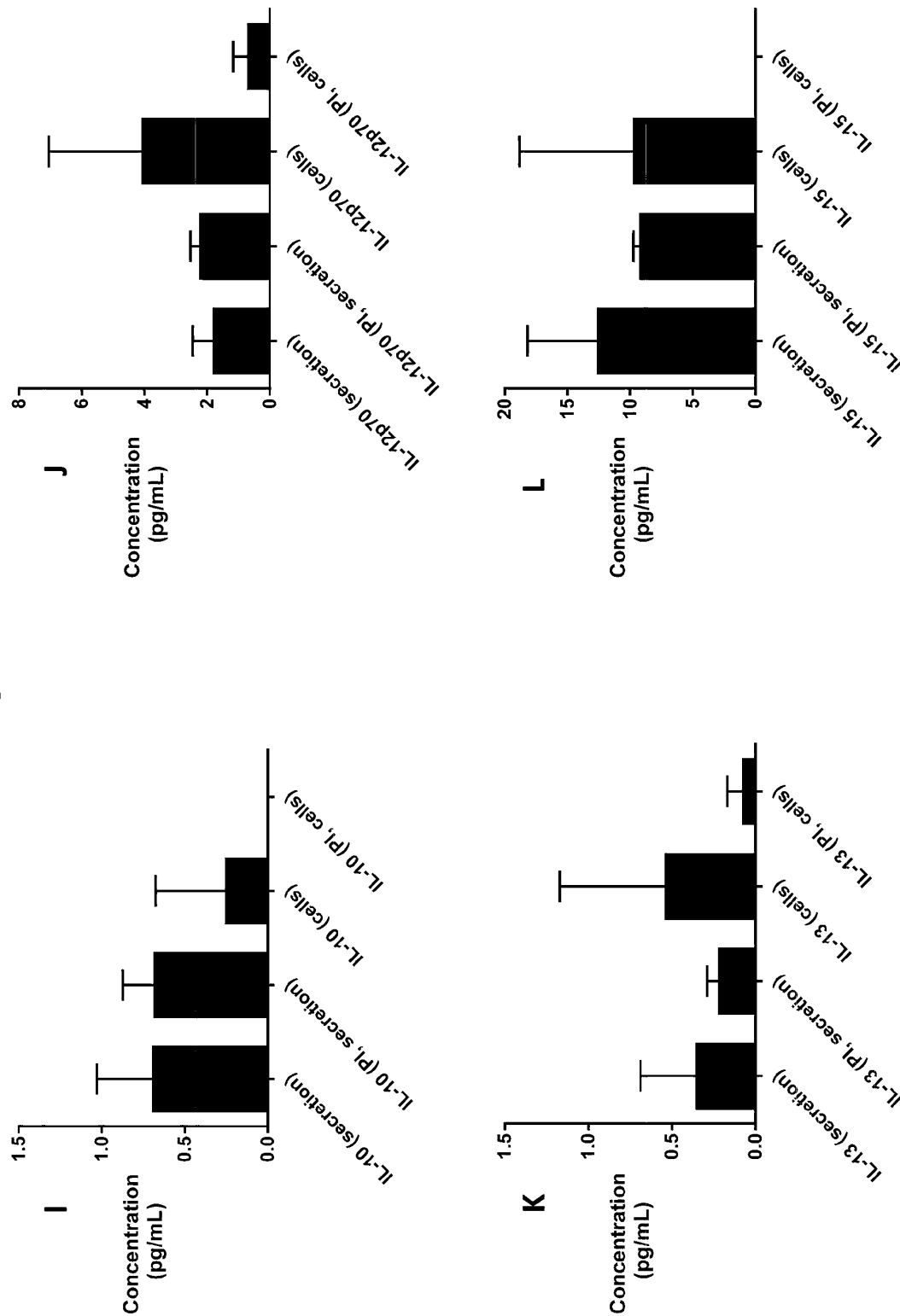


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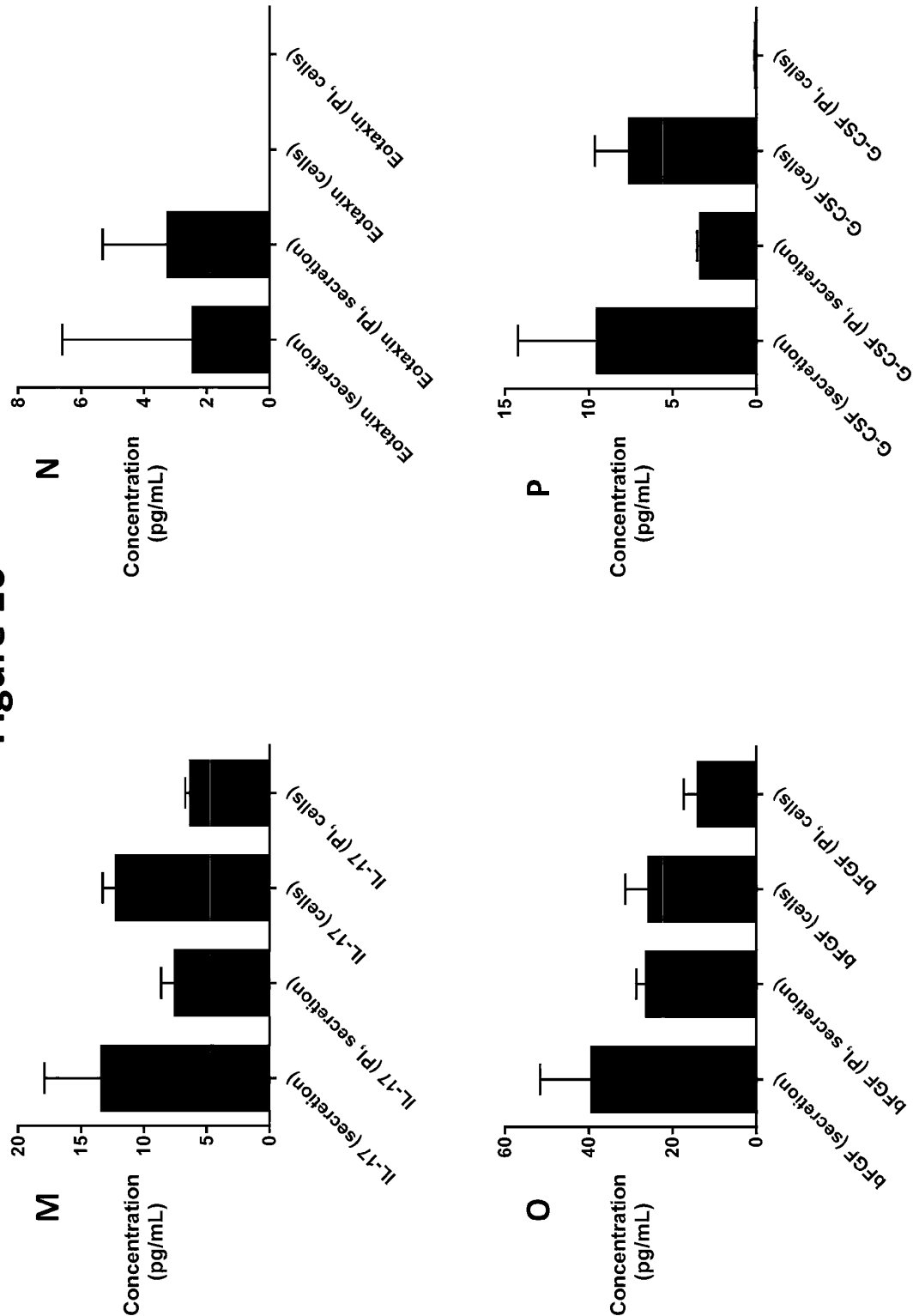


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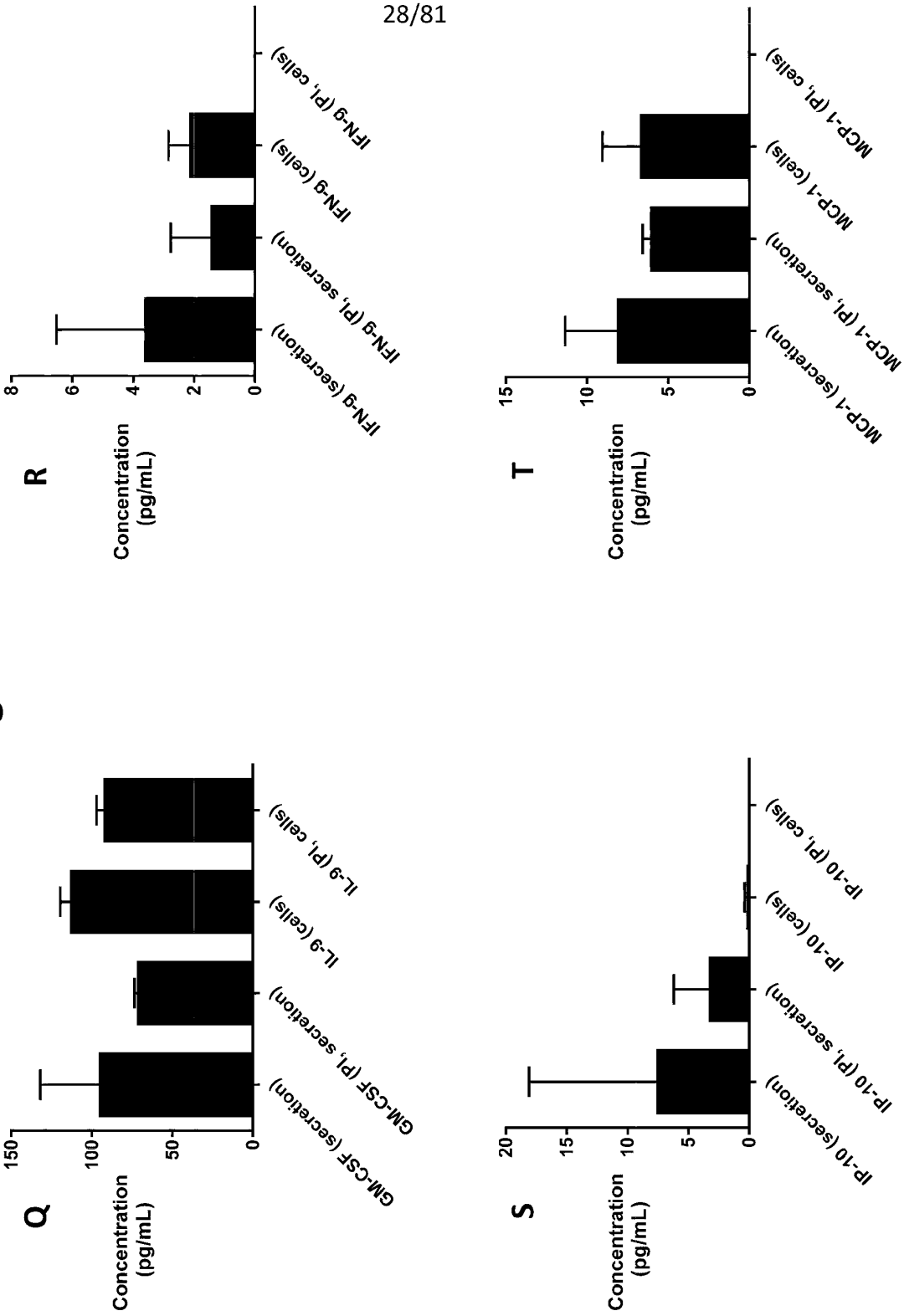
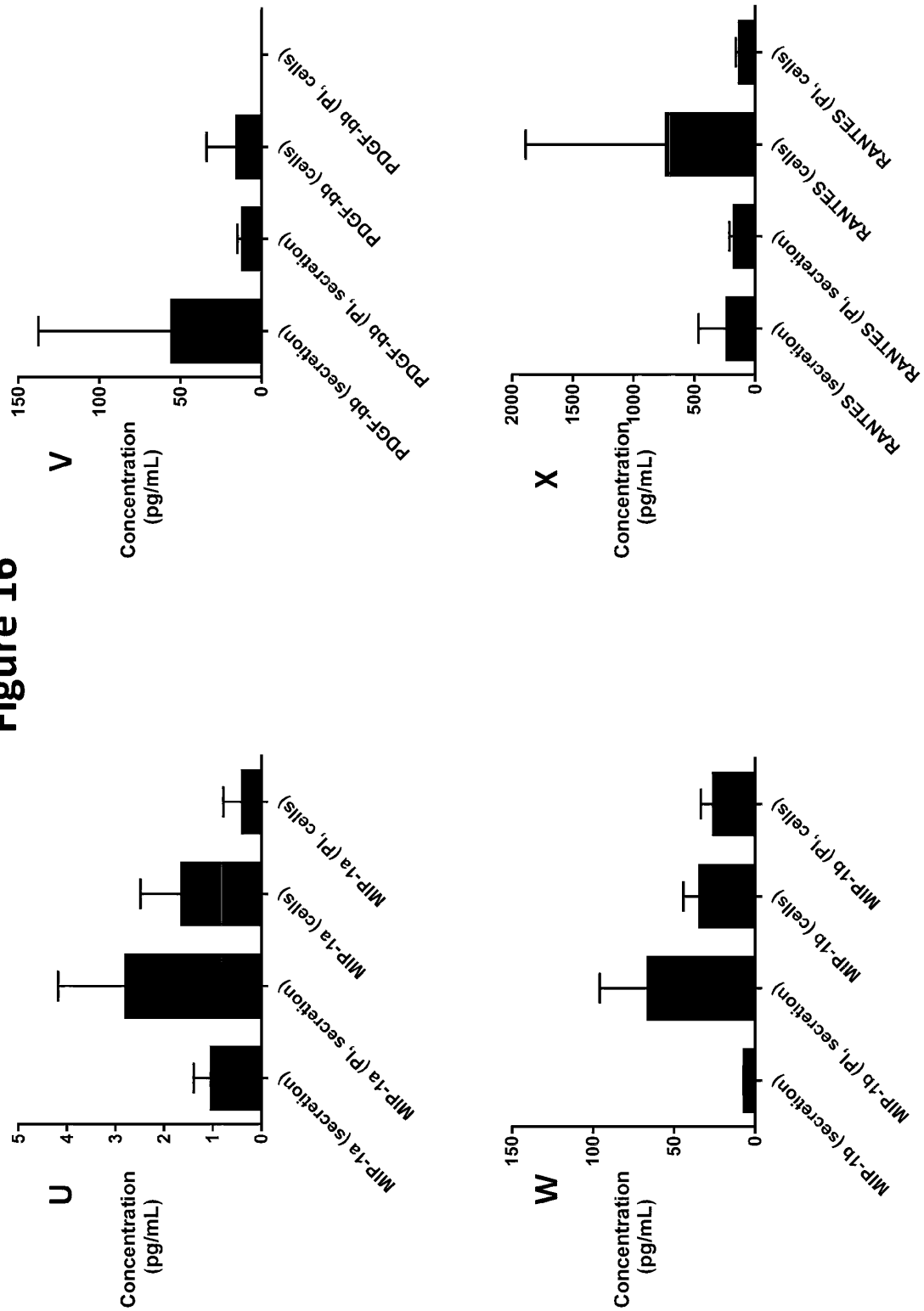


Figure 16



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Figure 16

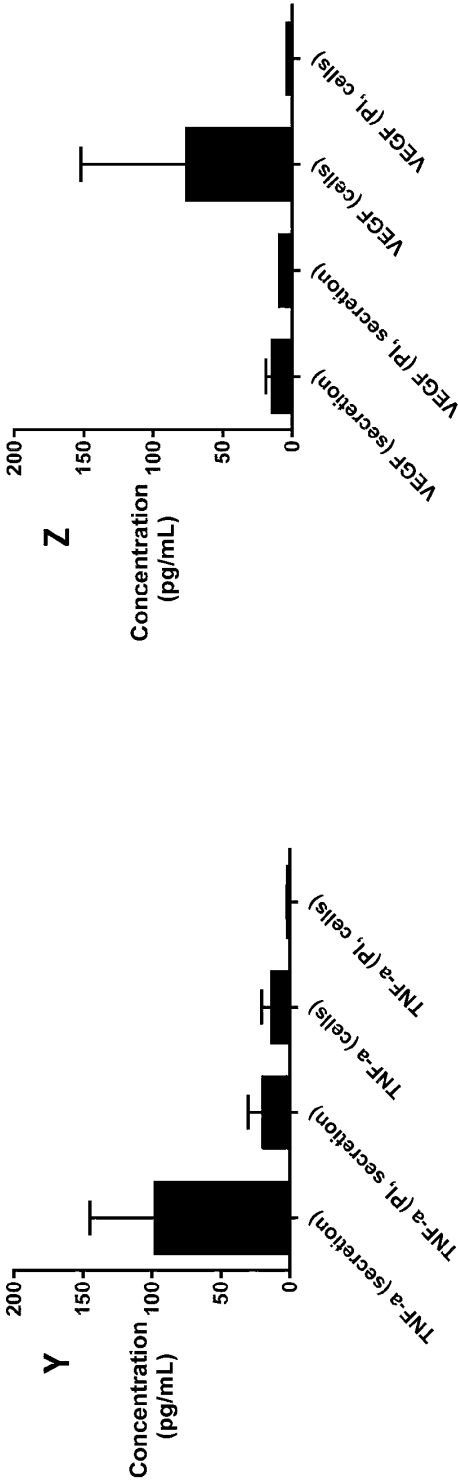


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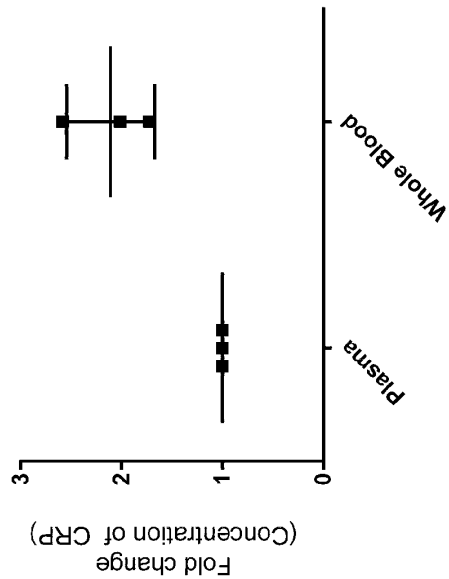


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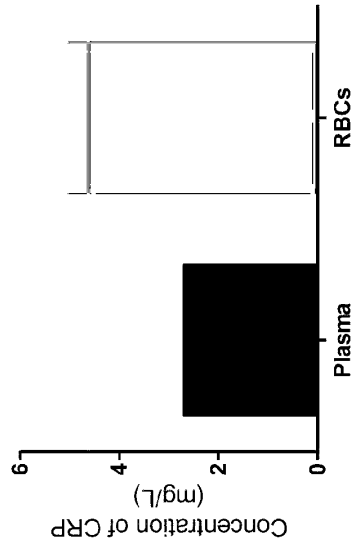


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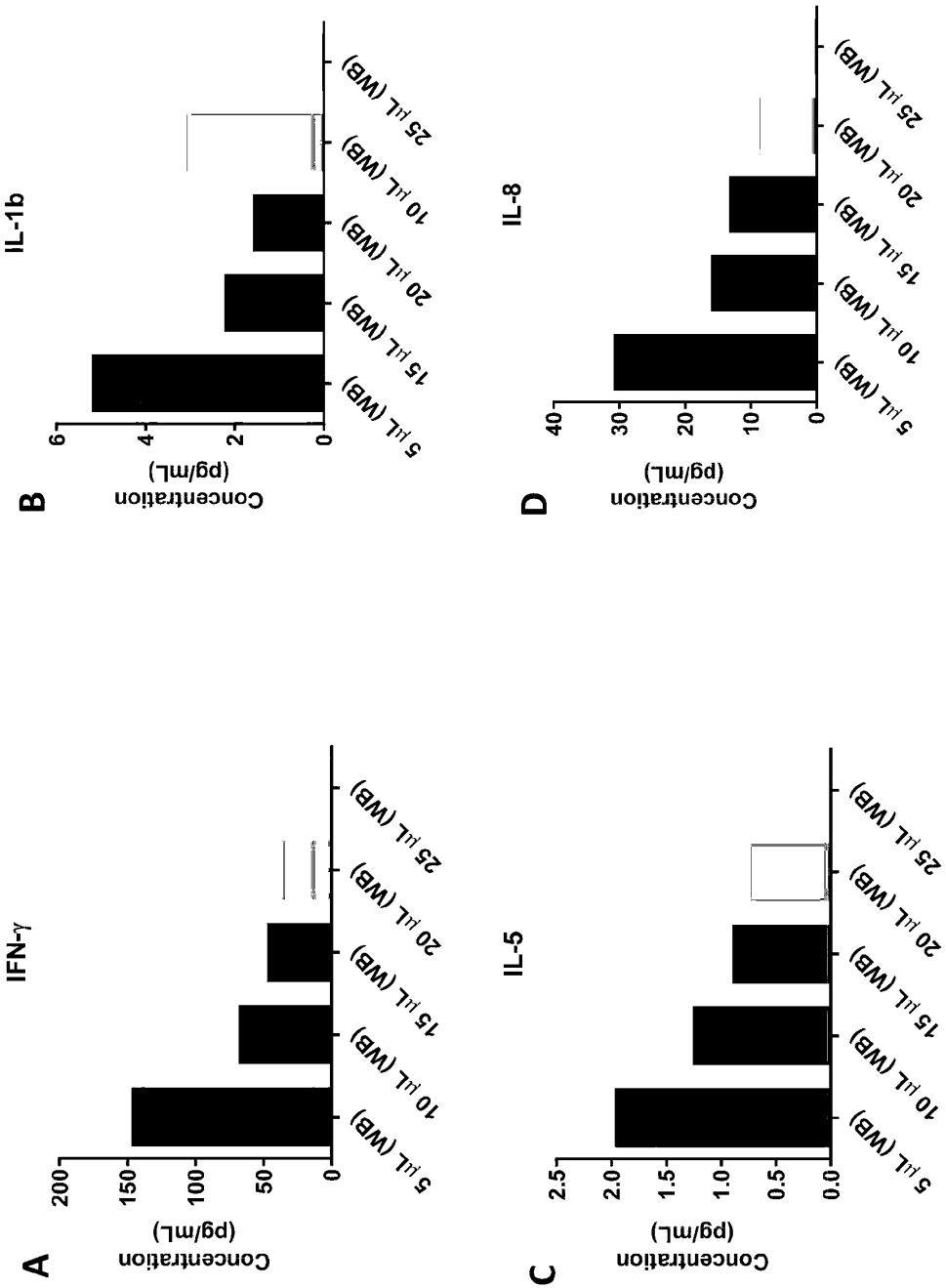


Figure 19

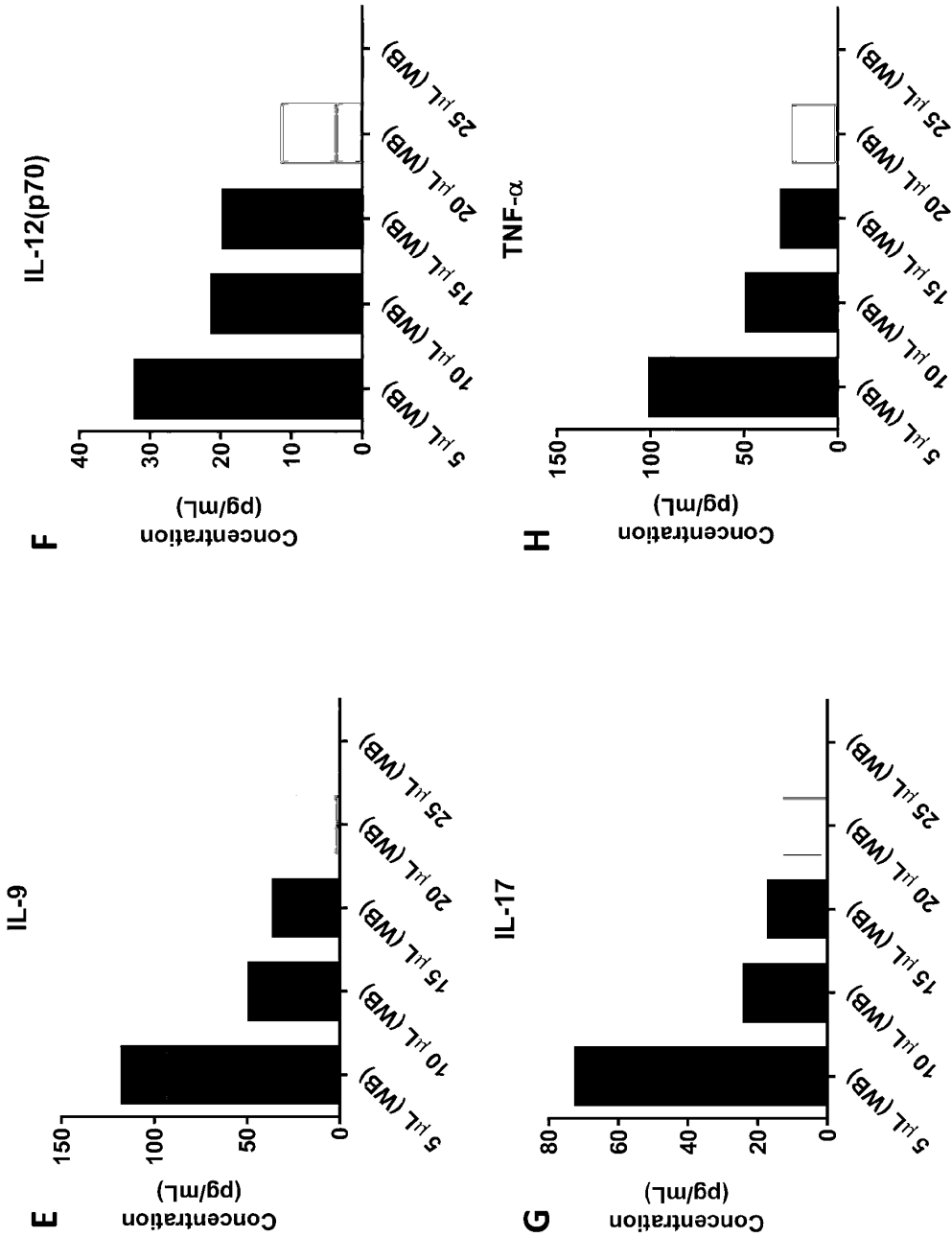


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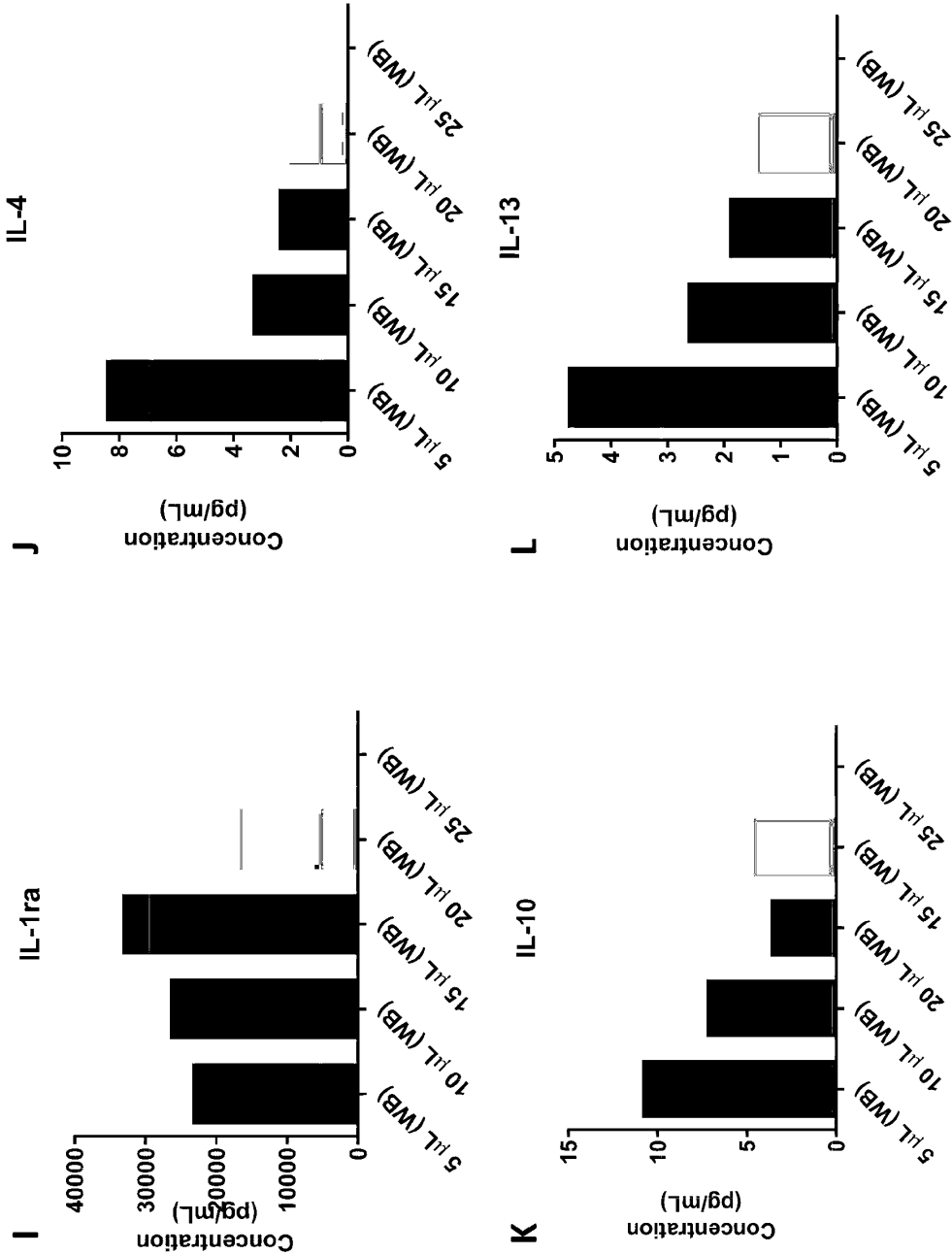


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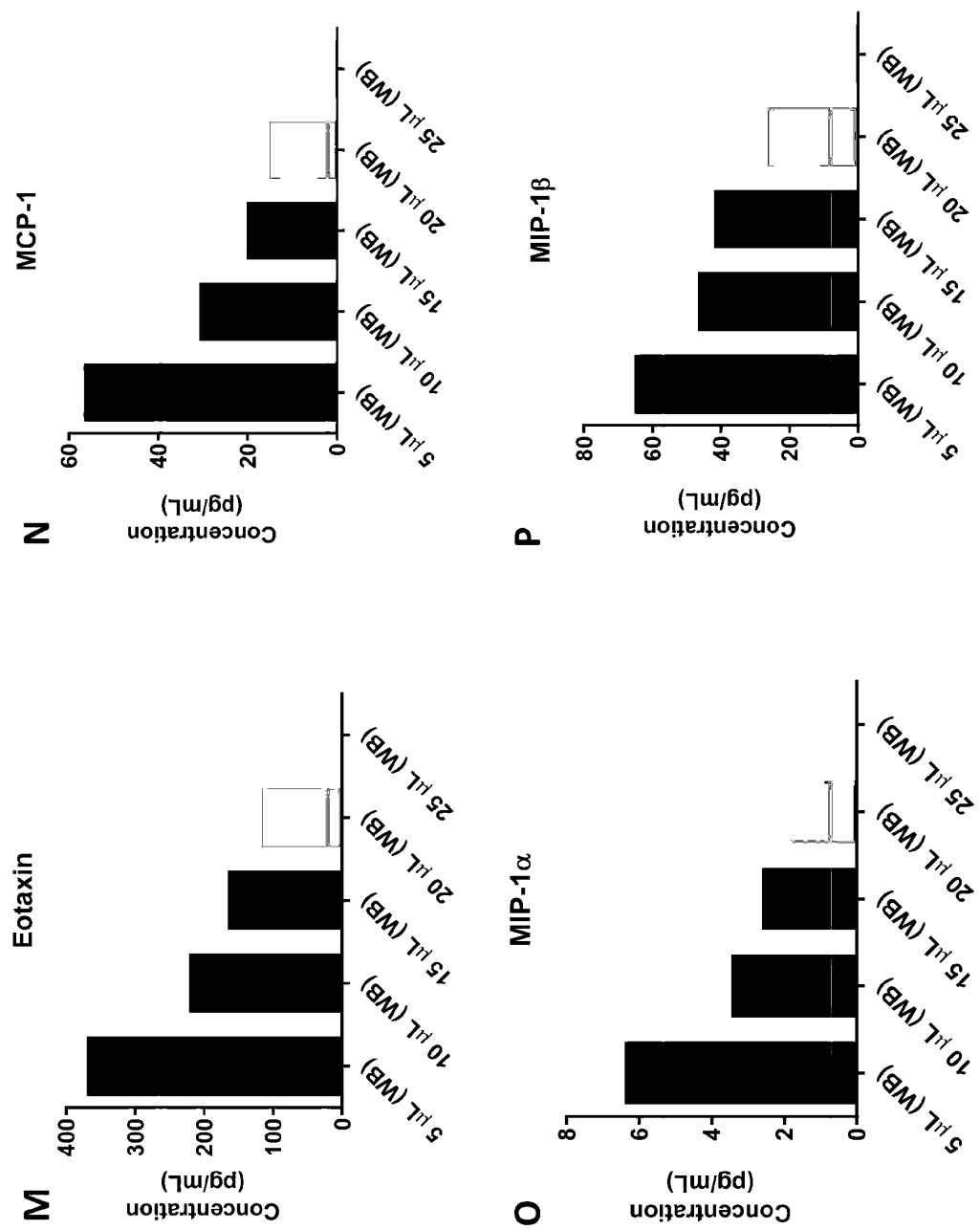


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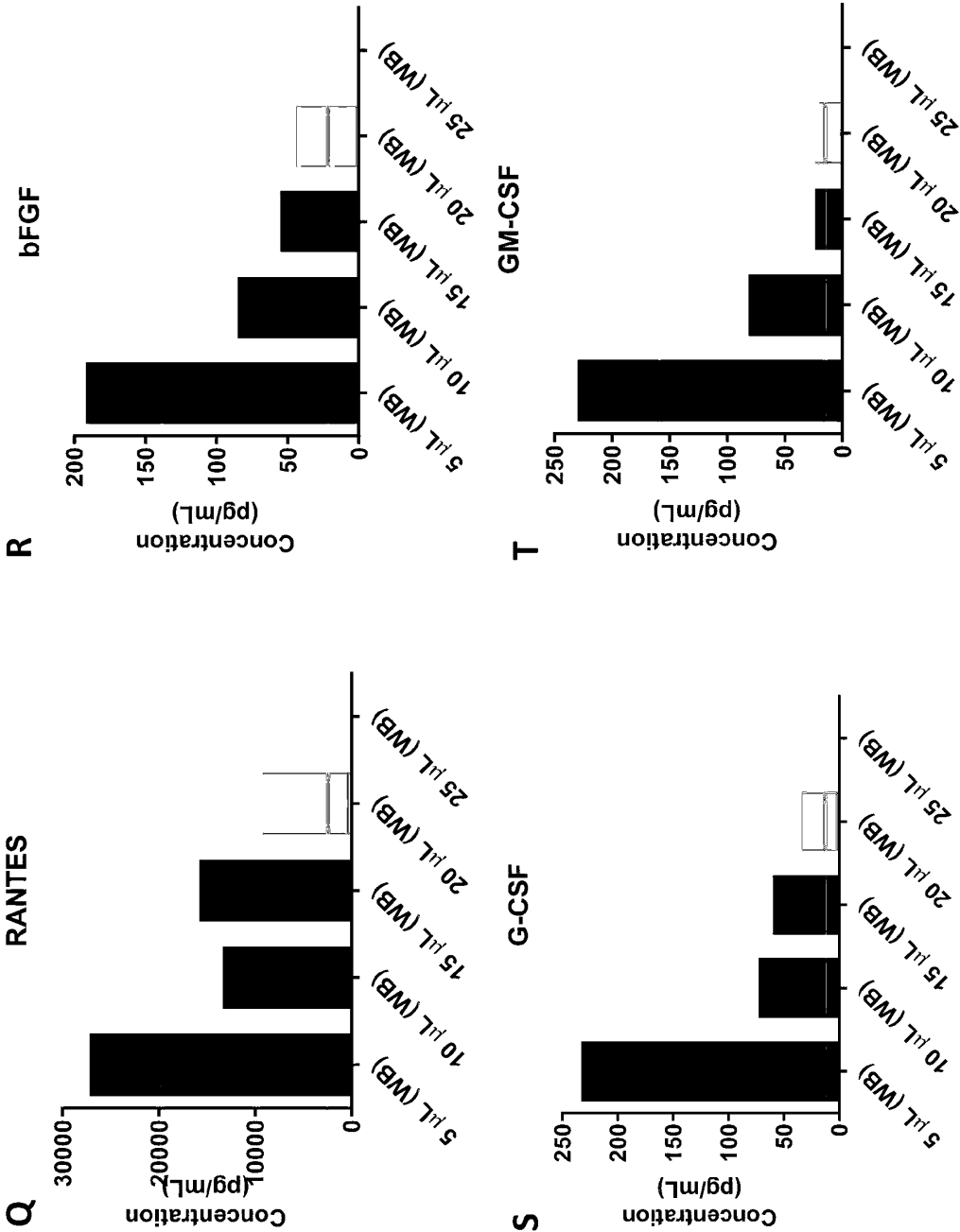


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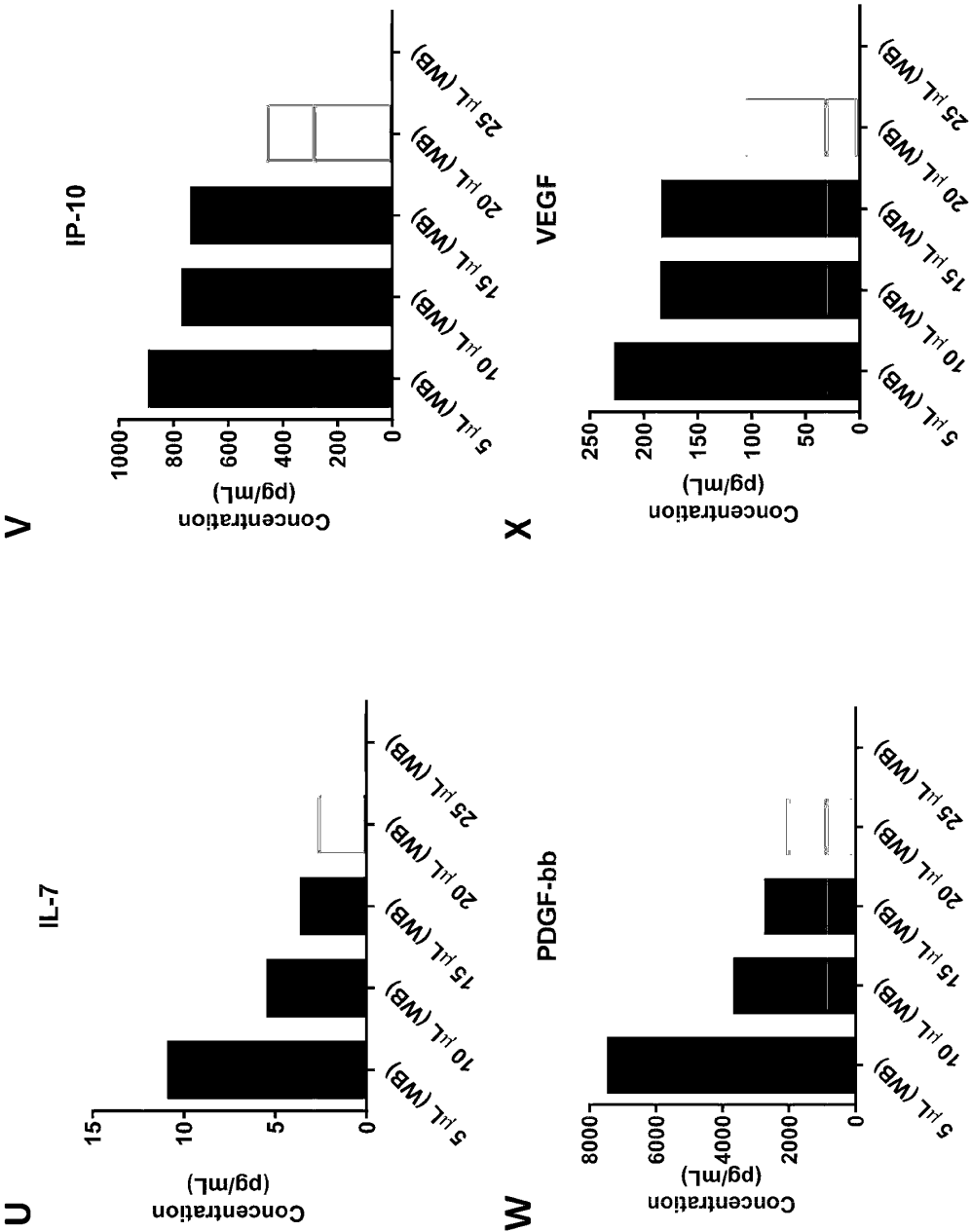


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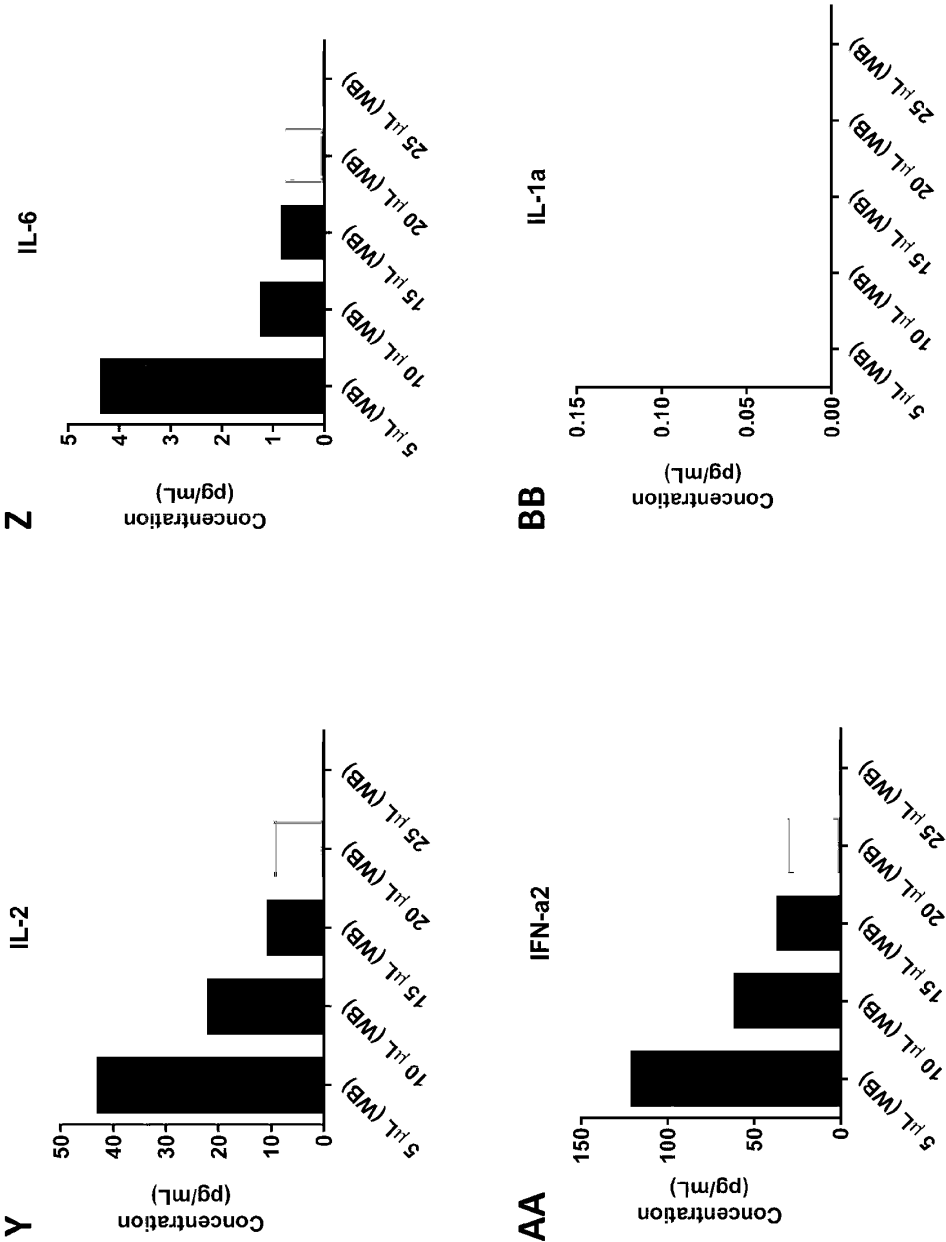


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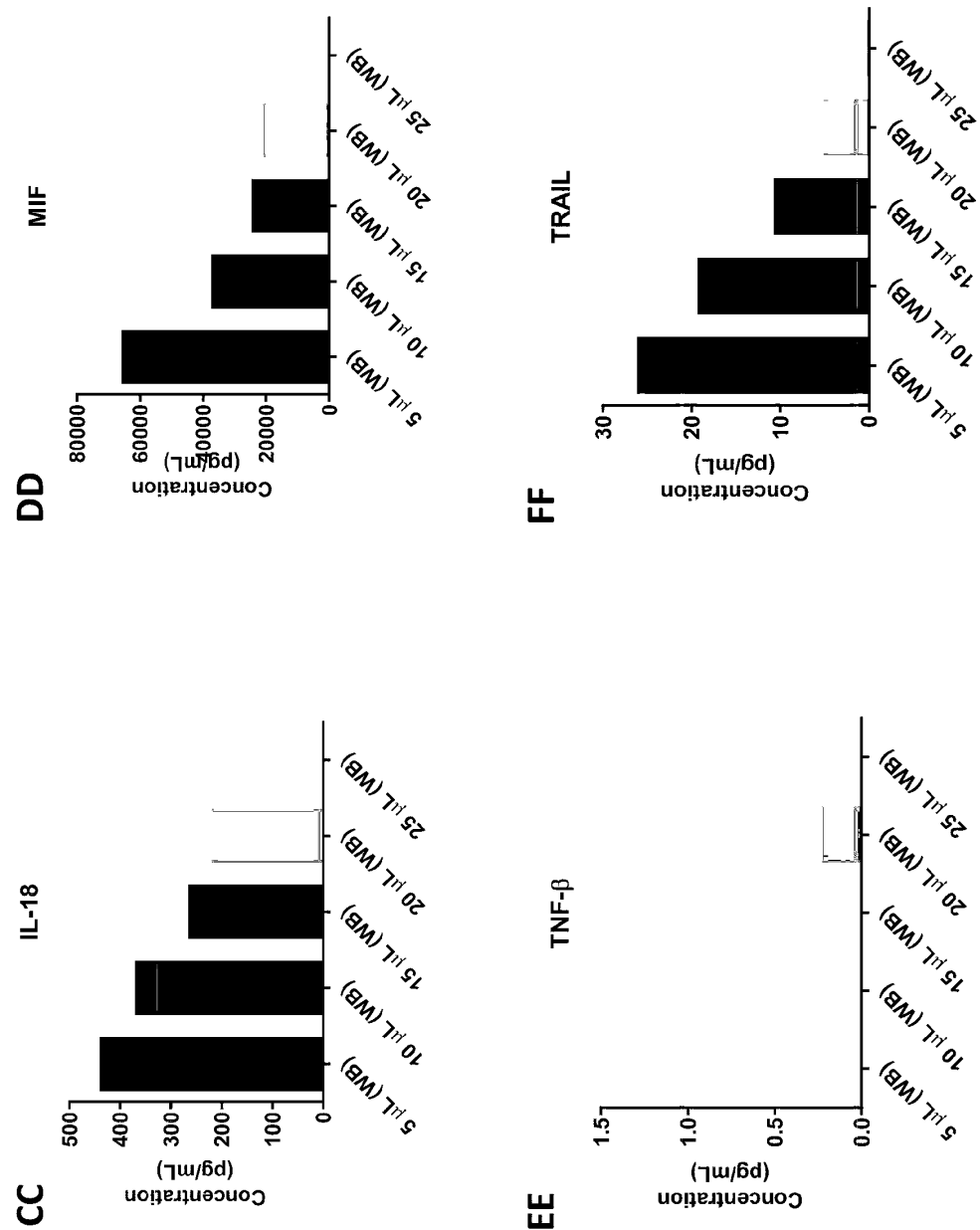


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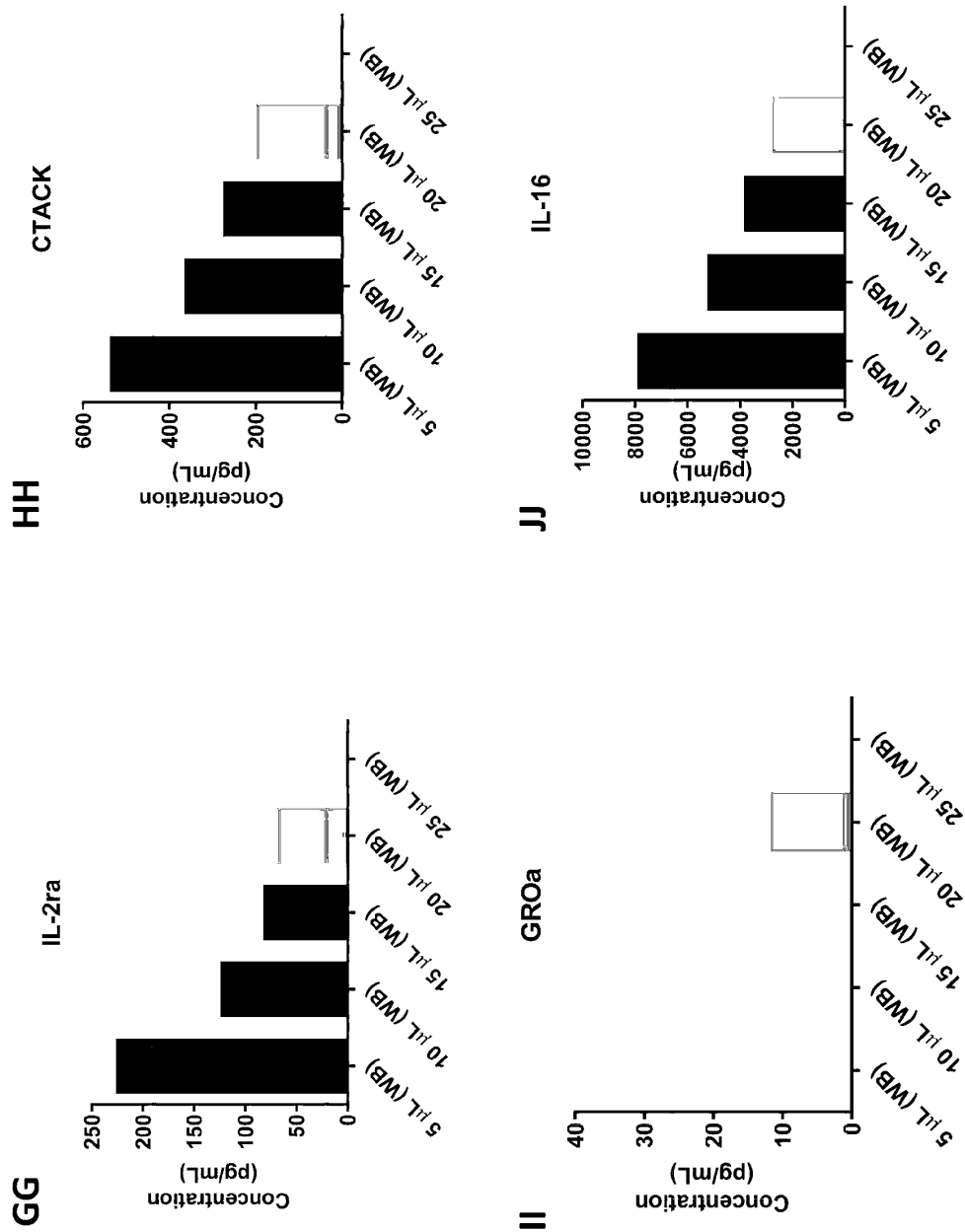


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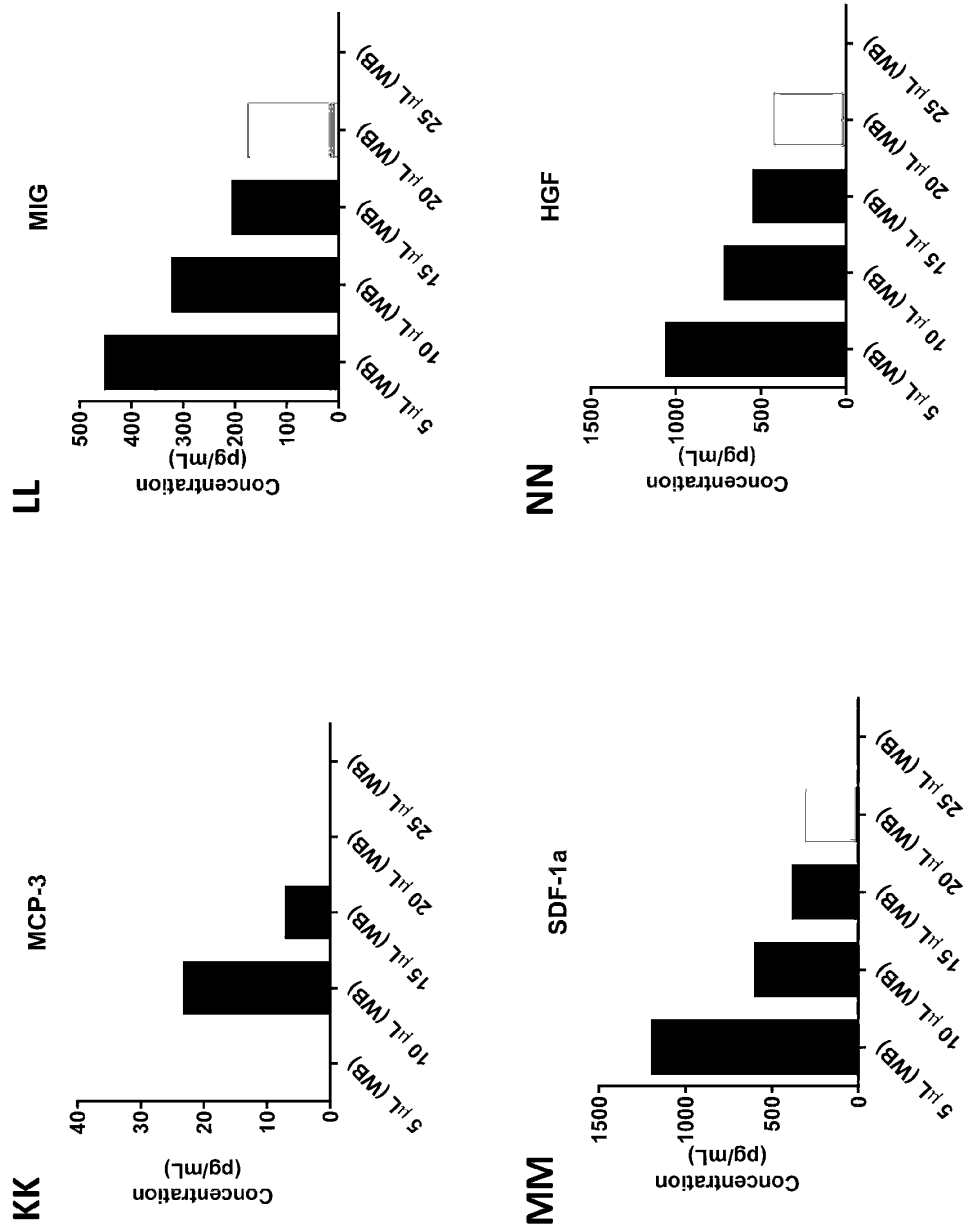


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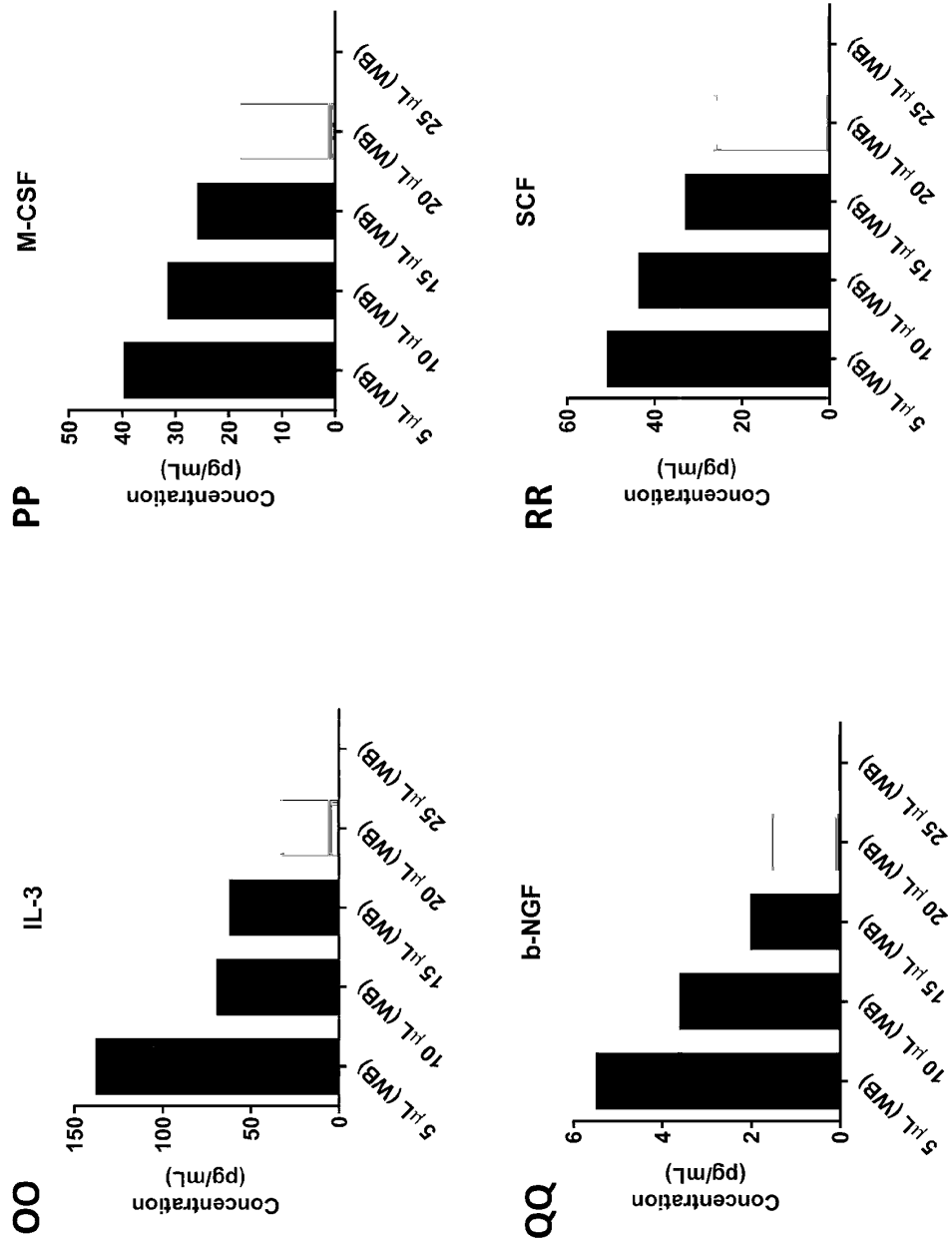


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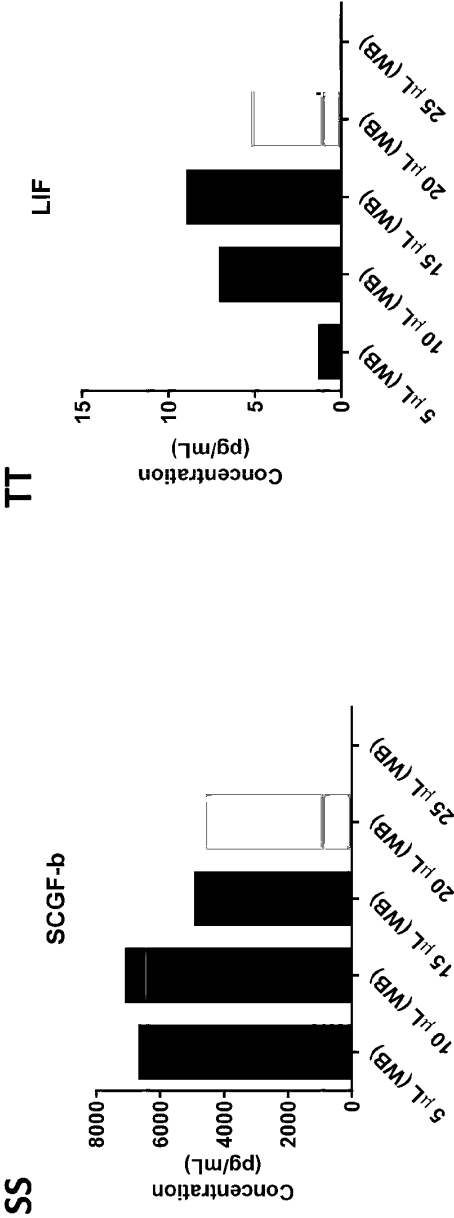


Figure 20

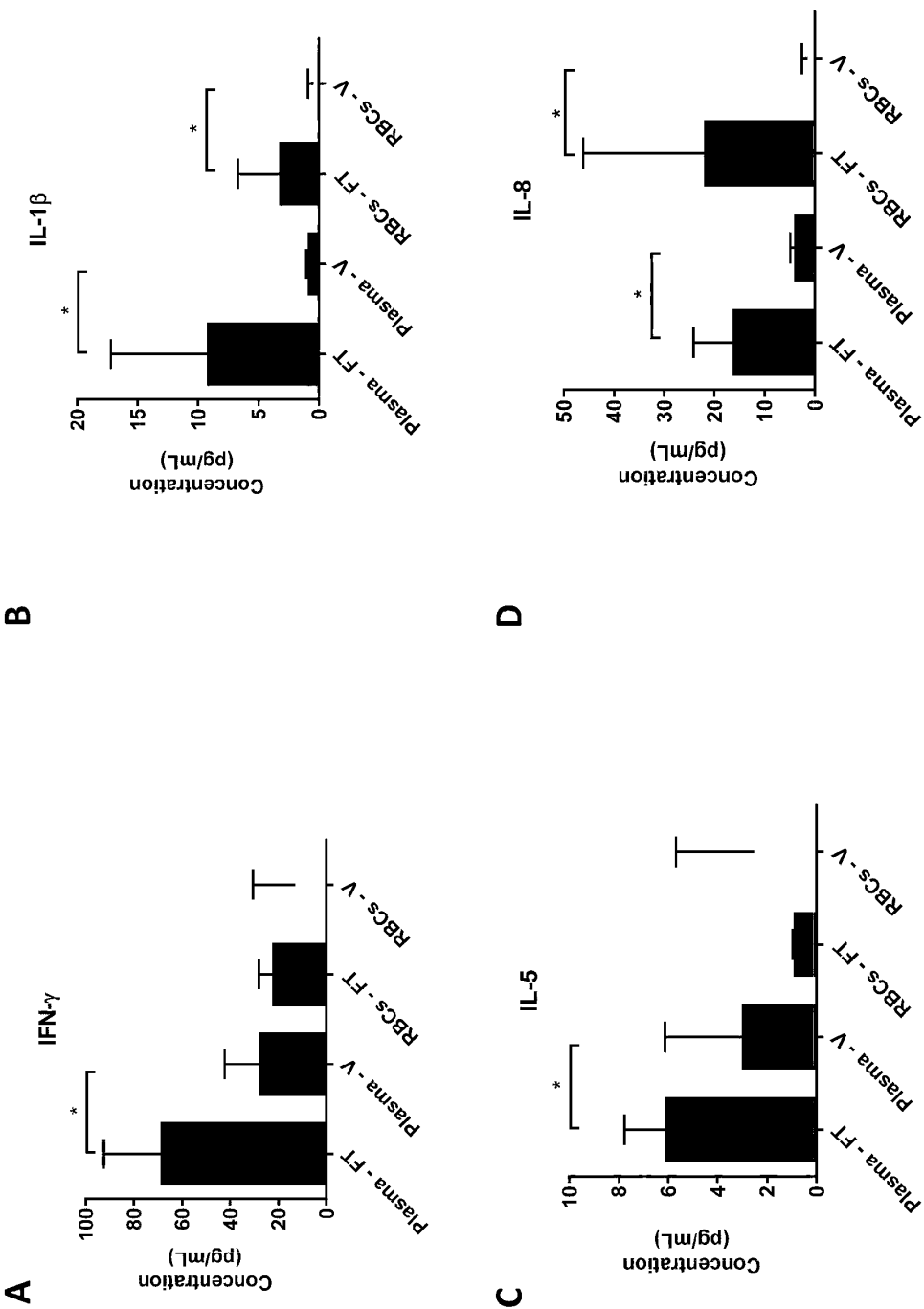


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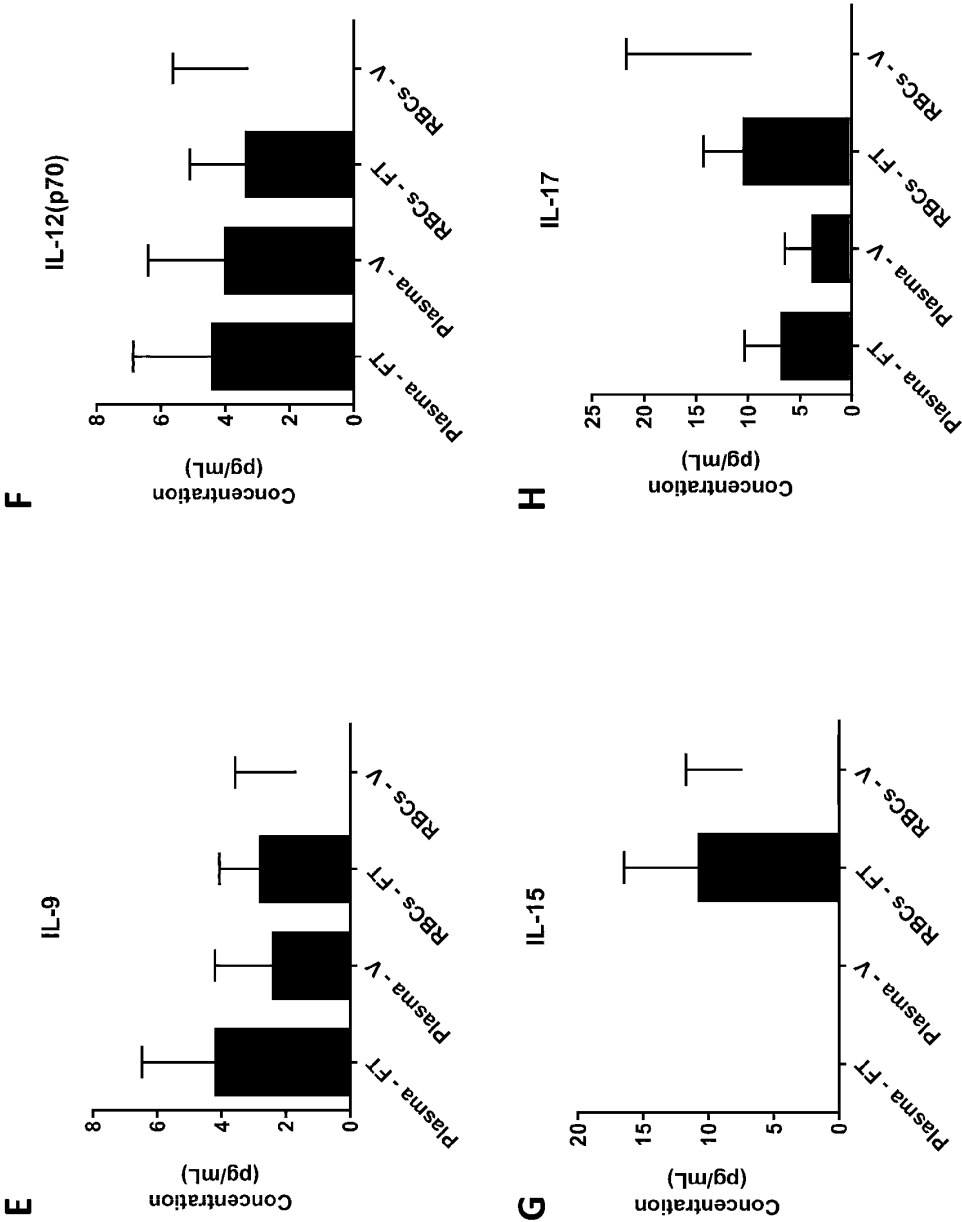


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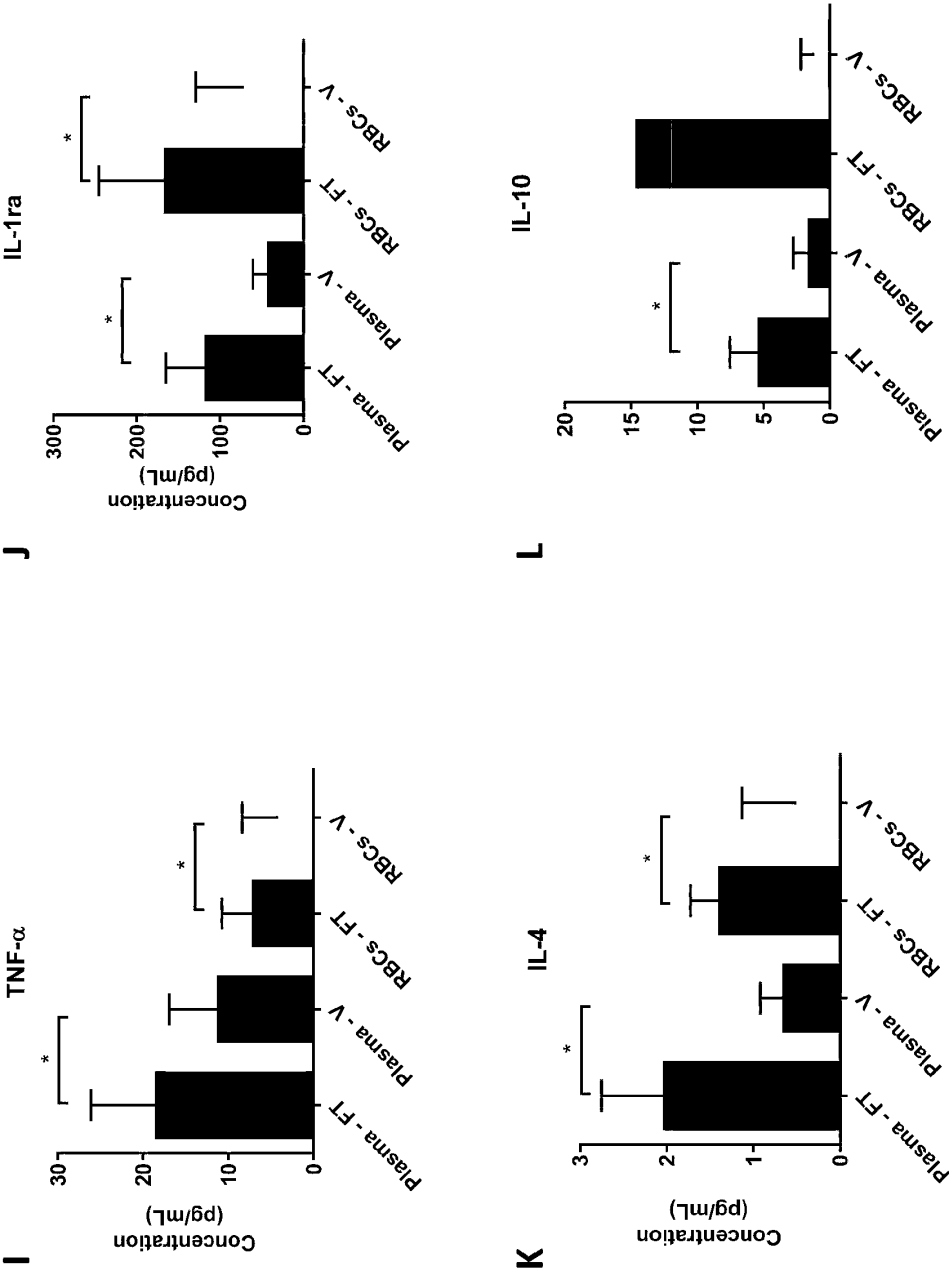


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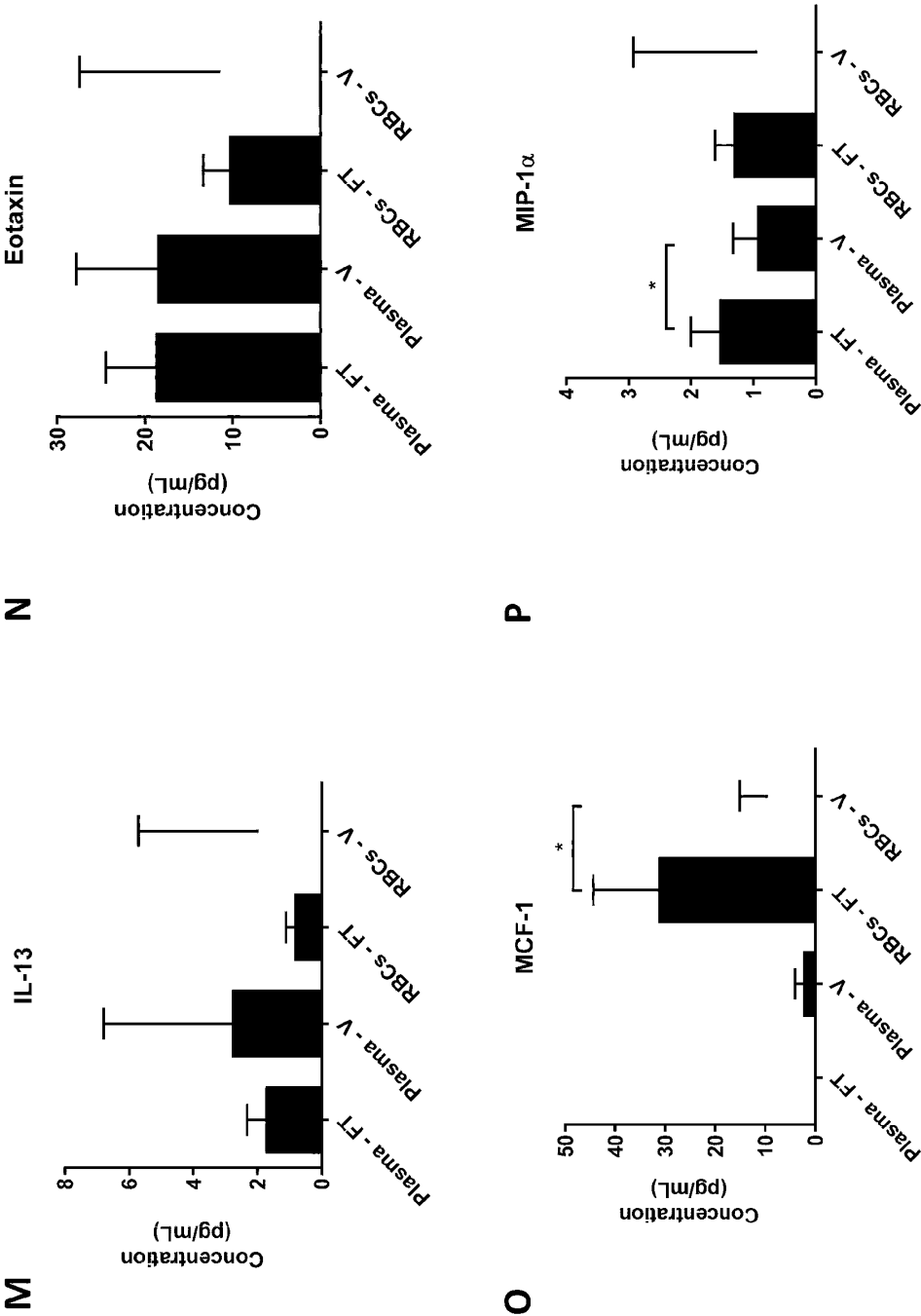


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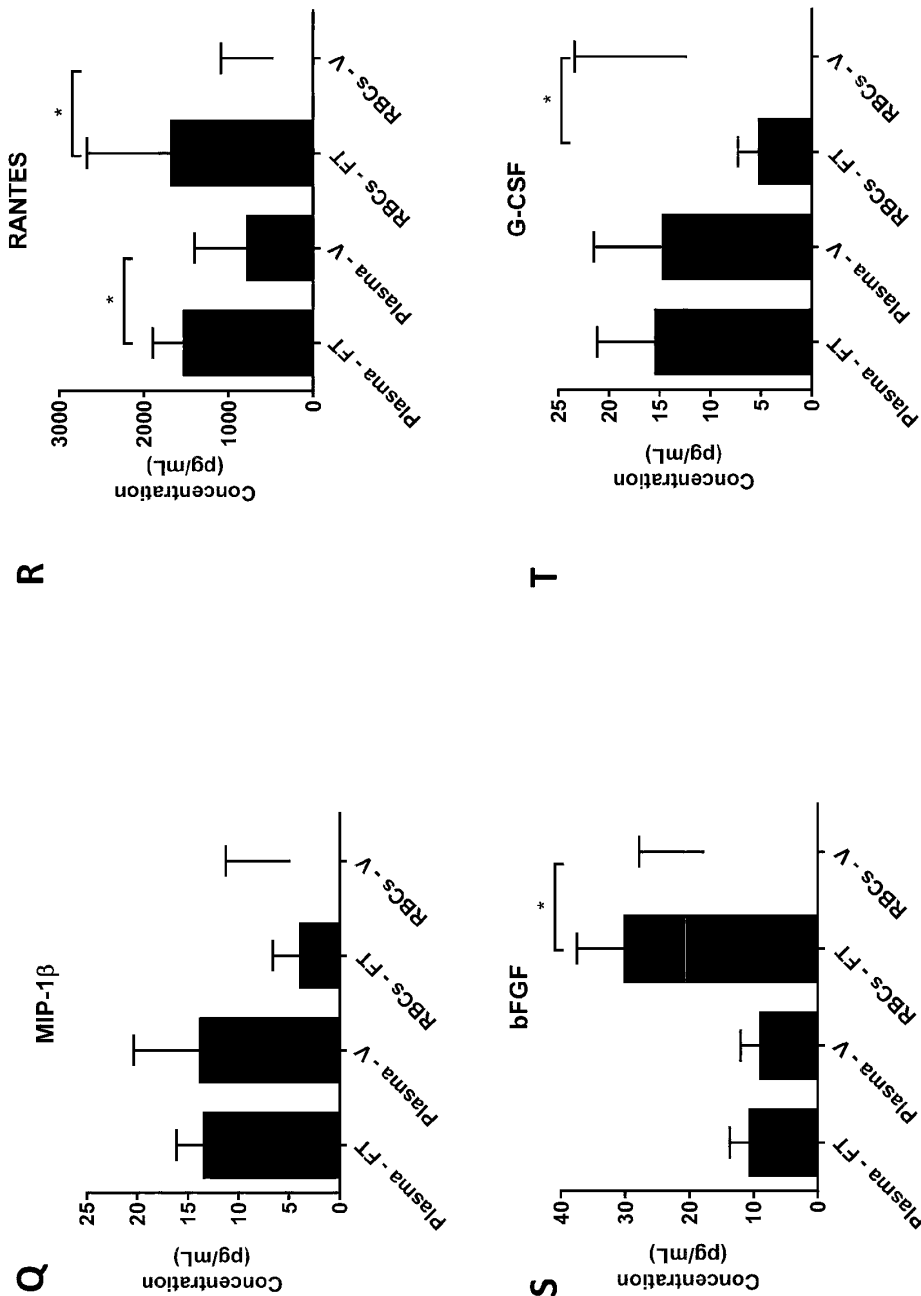


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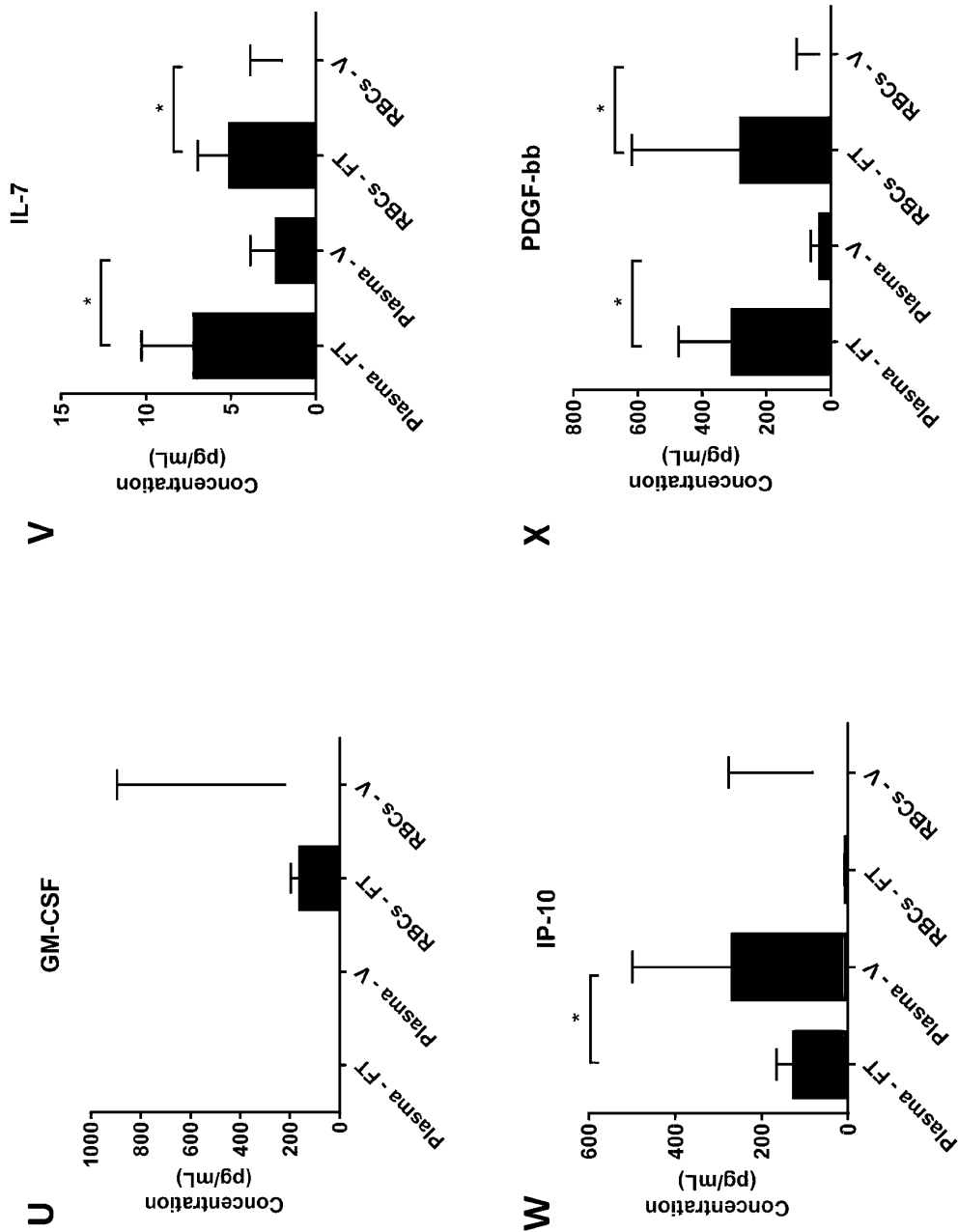
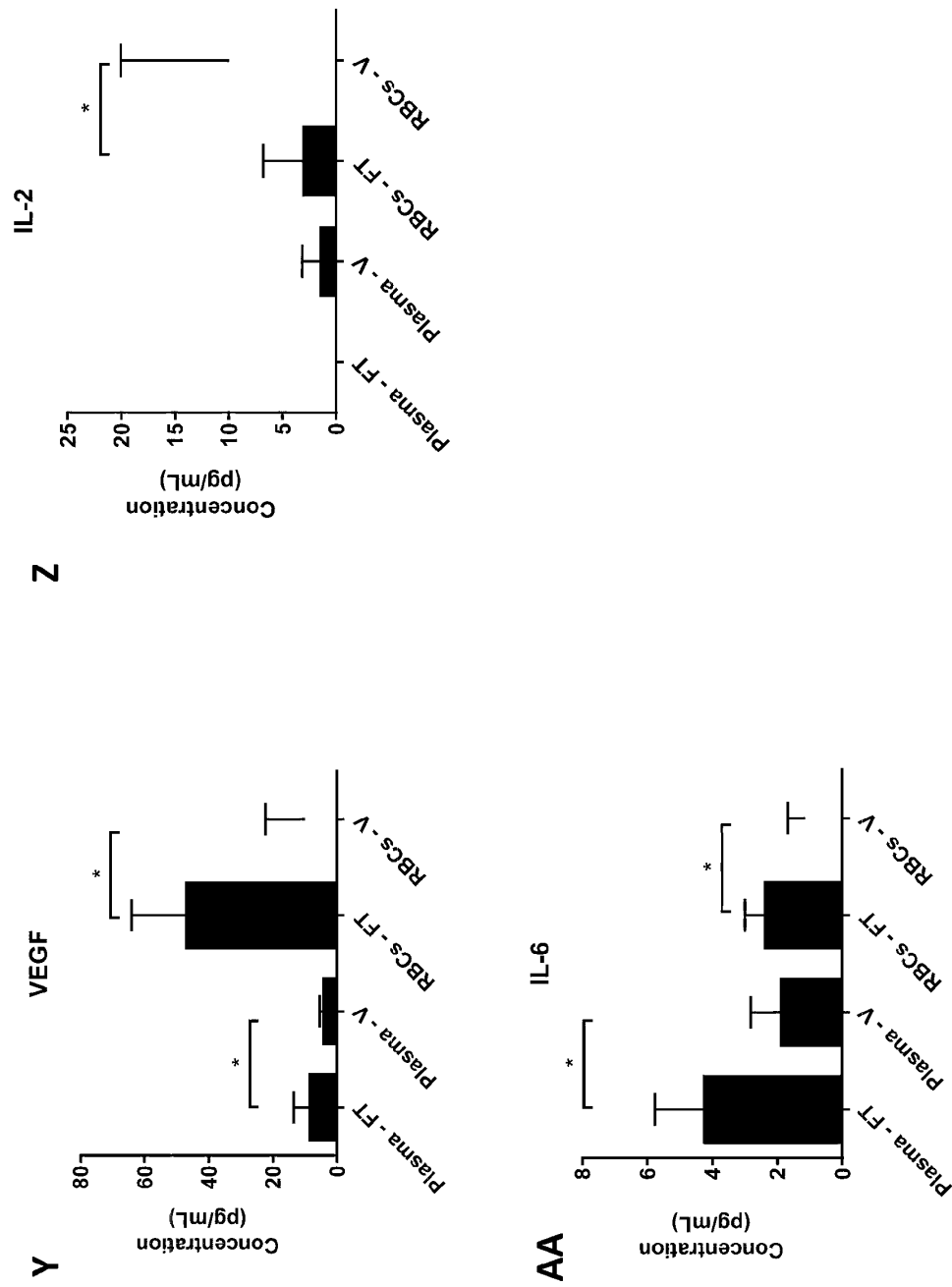


Figure 20



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Figure 21A

Protein	Plasma*			RBCs*					Fold change	
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		Corrected for WBC contamination (pg/mL)			
Anti-inflammatory										
IL-1ra	5	20.8	6.6	1	299.6	-	-	-	-	
IL2-ra	6	29.3	5.3	3	282.6	31.7	280.9	28.8	10	
IL-4	4	0.4	0.2	2	4.6	0.8	3.3	0.9	8	
IL-10	1	1.4	-	0	-	-	-	-	-	
IL-13	5	2.0	1.0	3	2.3	2.3	1.4	2.3	1	
Chemokines										
CTACK	6	36.3	9.3	5	222.2	85.7	131.4	100.5	4	
Eotaxin	5	6.4	2.2	6	79.3	38.4	74.6	38.4	12	
GRO-α	3	6.0	1.7	4	187.3	47.8	184.0	54.3	31	
IL-16	6	46.6	11.2	5	2904.9	3231.7	2904.9	3231.7	62	
MCP-1	0	-		2	55.0	6.8	36.1	7.7	-	
MCP-3	4	23.4	5.5	0	-	-	-	-	-	
MIG	6	70.2	34.5	0	-	-	-	-	-	
MIP-1α	6	0.5	0.3	4	5.2	2.3	3.9	2.1	8	
MIP-1β	6	6.3	3.5	2	42.7	56.3	25.7	48.9	4	
RANTES	6	510.7	268.5	6	8744	11,785	5618	10,489	11	
SDF-1α	6	121.9	11.3	6	872.4	206.2	811.8	193.4	7	

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Figure 21B

Protein	Plasma*		RBCs*				Fold change		
	No. of subjects	pg/mL of whole blood	No. of subjects	pg/mL of whole blood	Corrected for WBC contamination (pg/mL)				
					Conc.	SD		Conc.	SD
Growth Factors									
bFGF	6	4.8	2.0	6	197.1	72.4	147.2	87.3	31
G-CSF	6	5.3	3.6	3	148.8	79.0	131.1	79.1	25
GM-CSF	0	-	-	5	939.7	460.2	772.3	538.5	-
HGF	6	39.8	7.8	6	800.3	490.5	691.2	500.3	17
IL-3	6	18.1	2.0	6	345.8	209.7	334.2	217.6	18
IL-7	5	1.7	0.9	2	34.6	5.2	34.0	6.2	20
IP-10	6	132.5	142.7	4	147.8	87.1	134.0	83.3	1
M-CSF	6	4.3	3.2	3	115.6	7.9	99.5	13.2	23
β-NGF	5	1.2	0.2	0	-	-	-	-	-
PDGF-bb	6	20.3	17.4	5	1073.5	2004.9	115.4	2095.6	6
SCF	6	6.5	1.5	1	54.1	-	51.9	-	8
SCGF-β	3	944.3	563.9	0	-	-	-	-	-
VEGF	5	2.1	0.8	6	113.9	50.3	82.8	53.7	39
Analytes with multiple functions									
IL-2	0	-	-	0	-	-	-	-	-
IL-6	2	0.5	0.1	0	-	-	-	-	-
IL-12p40	1	44.5	-	3	1914.7	357.9	1693.7	254.7	38
LIF	6	5.7	3.2	3	119.5	27.5	119.5	27.5	21

Figure 22

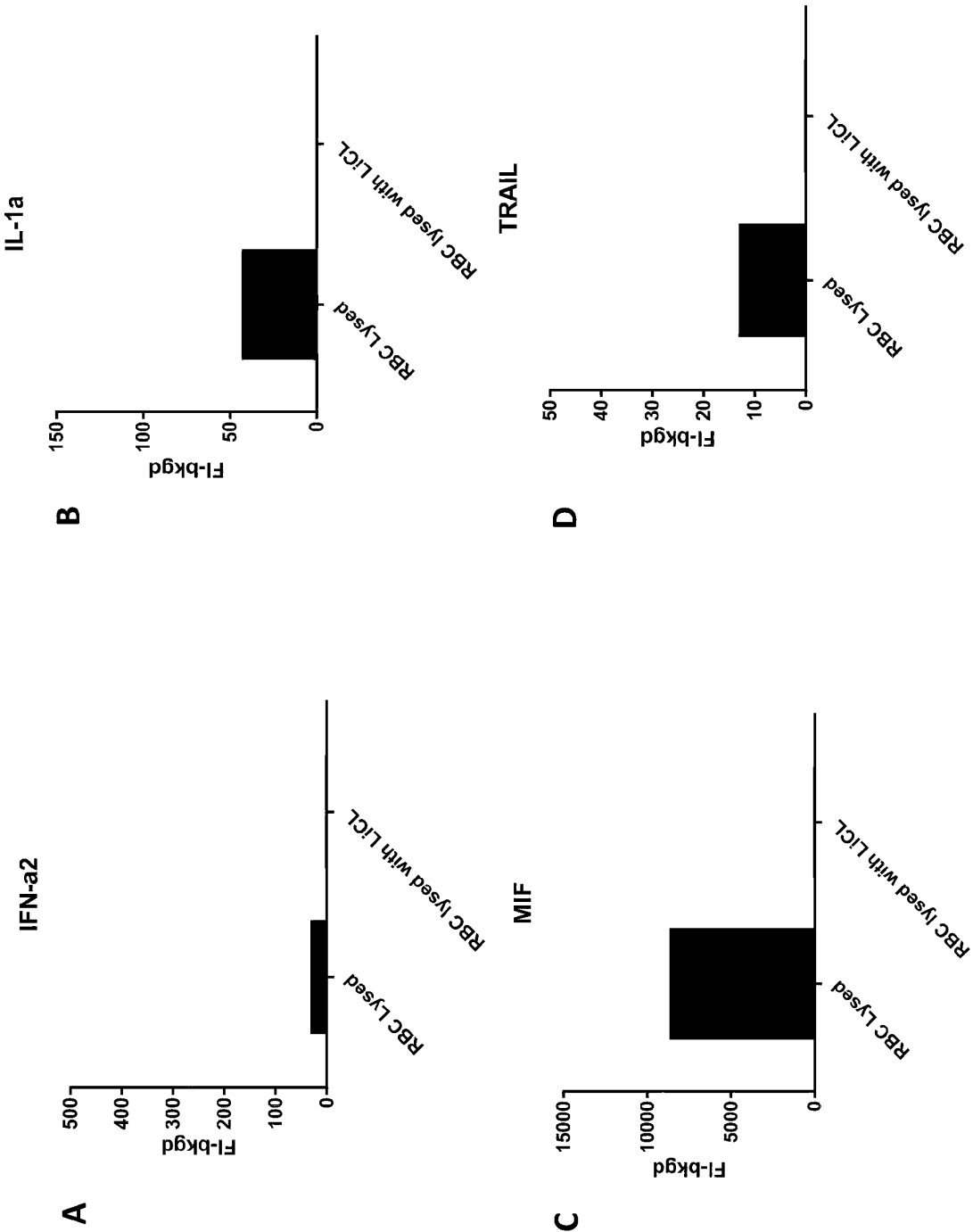


Figure 22

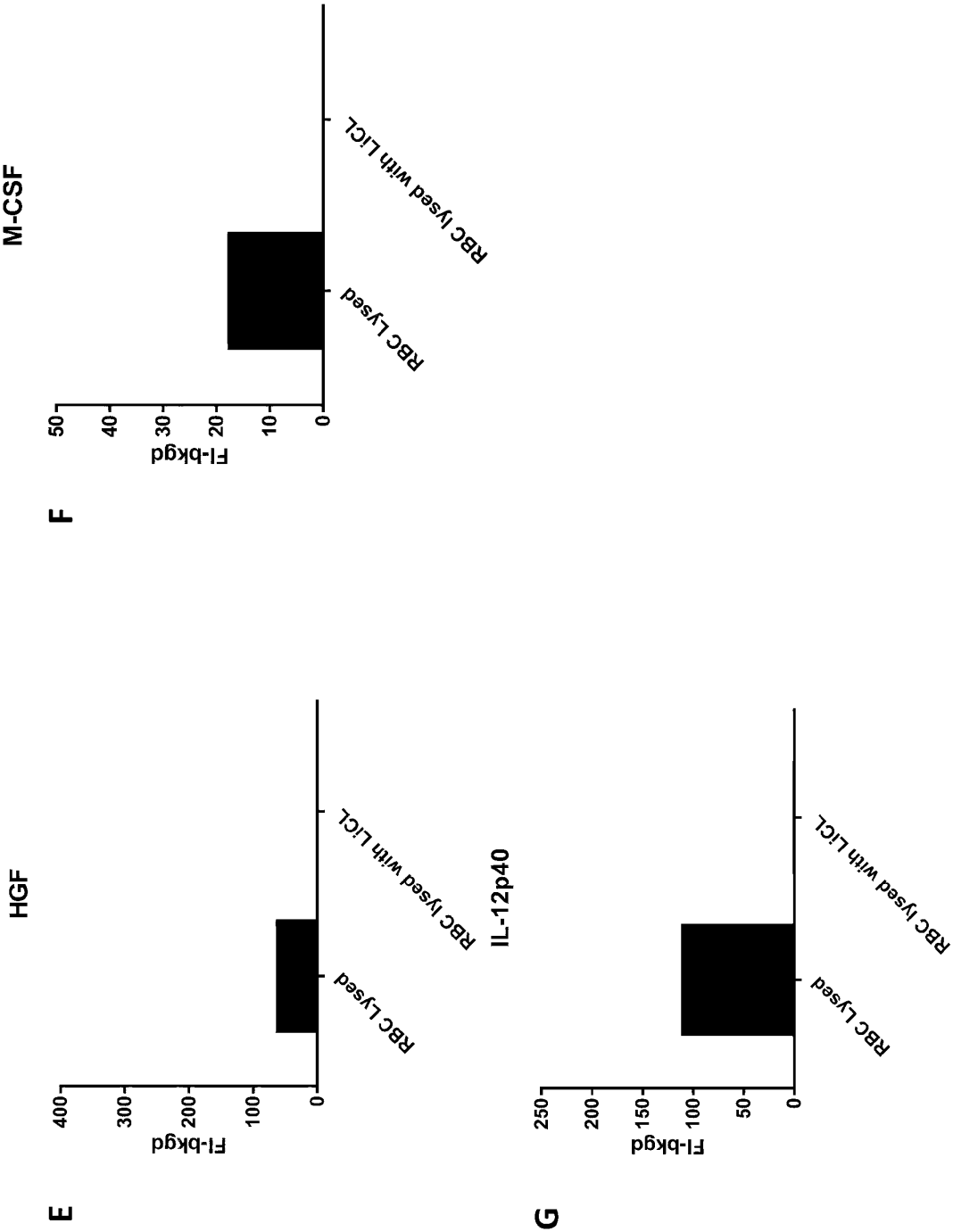


Figure 23

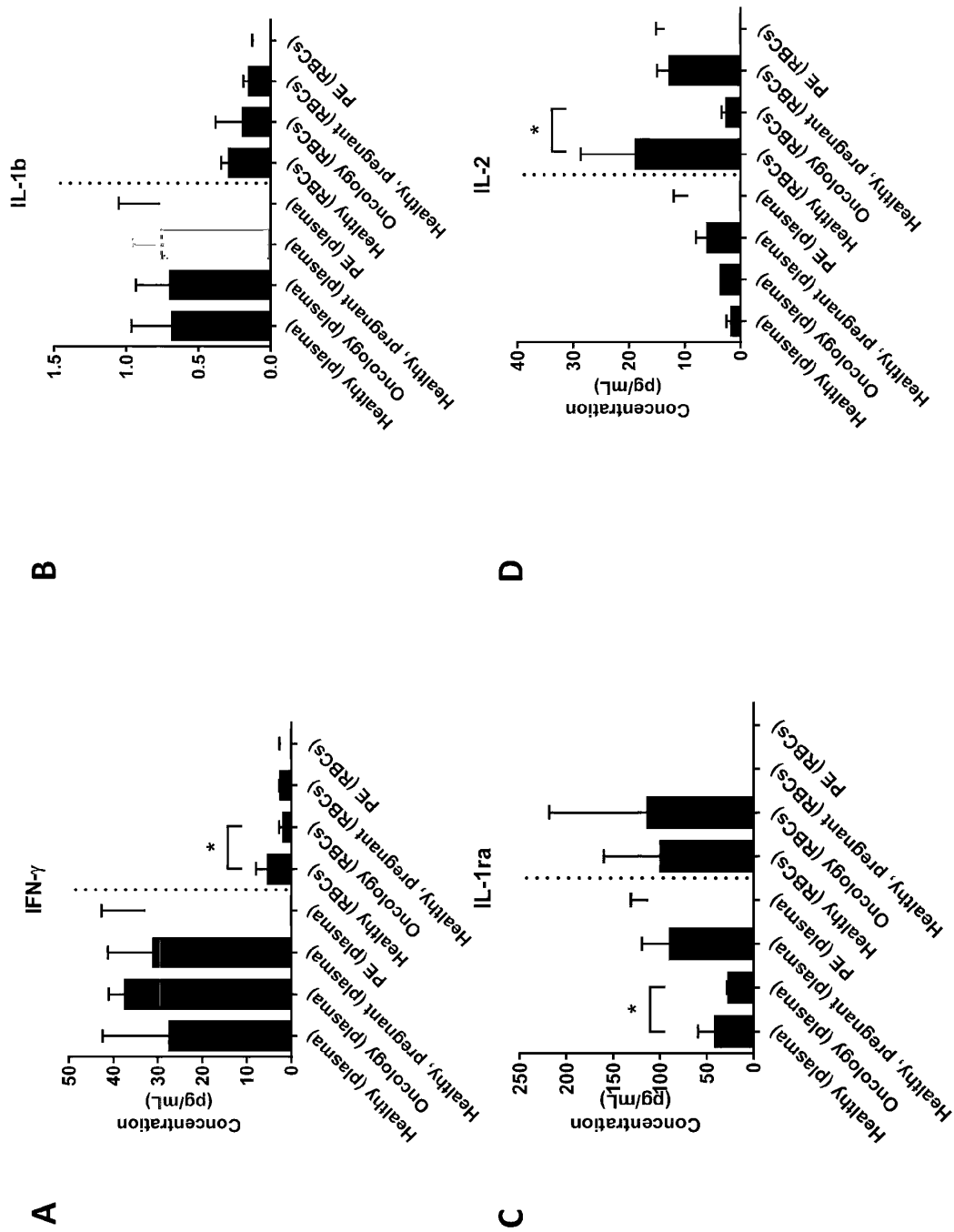


Figure 23

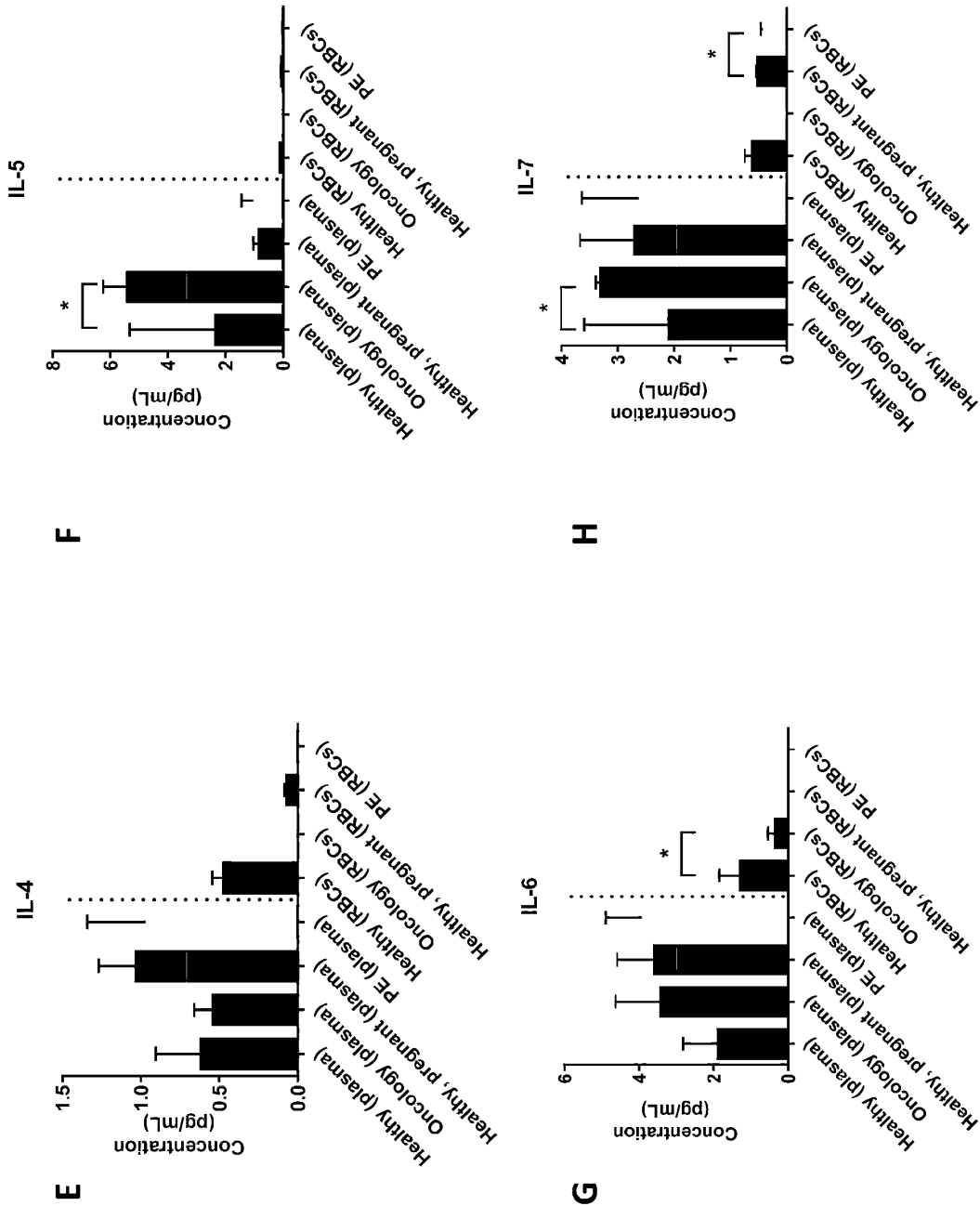
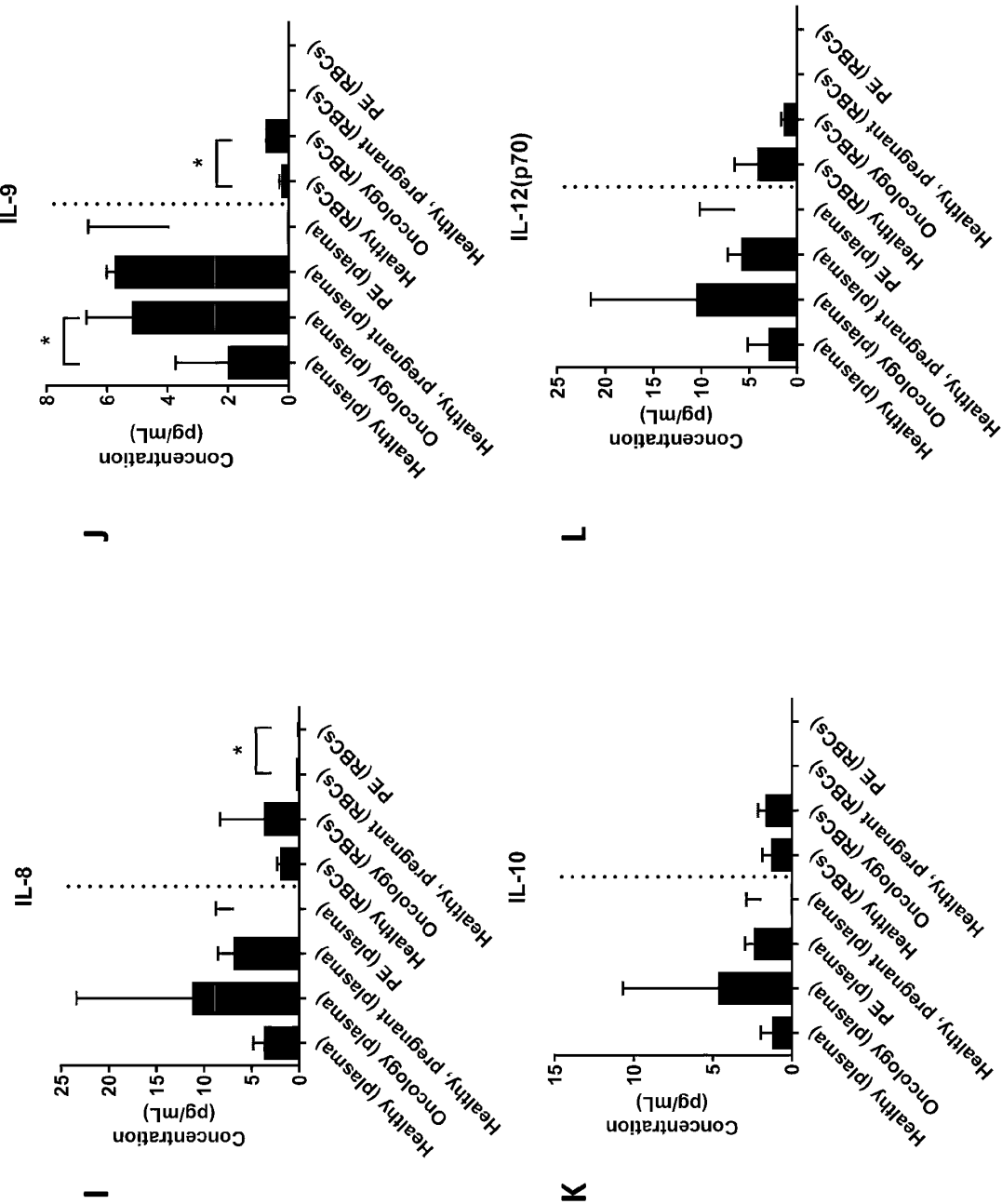


Figure 23



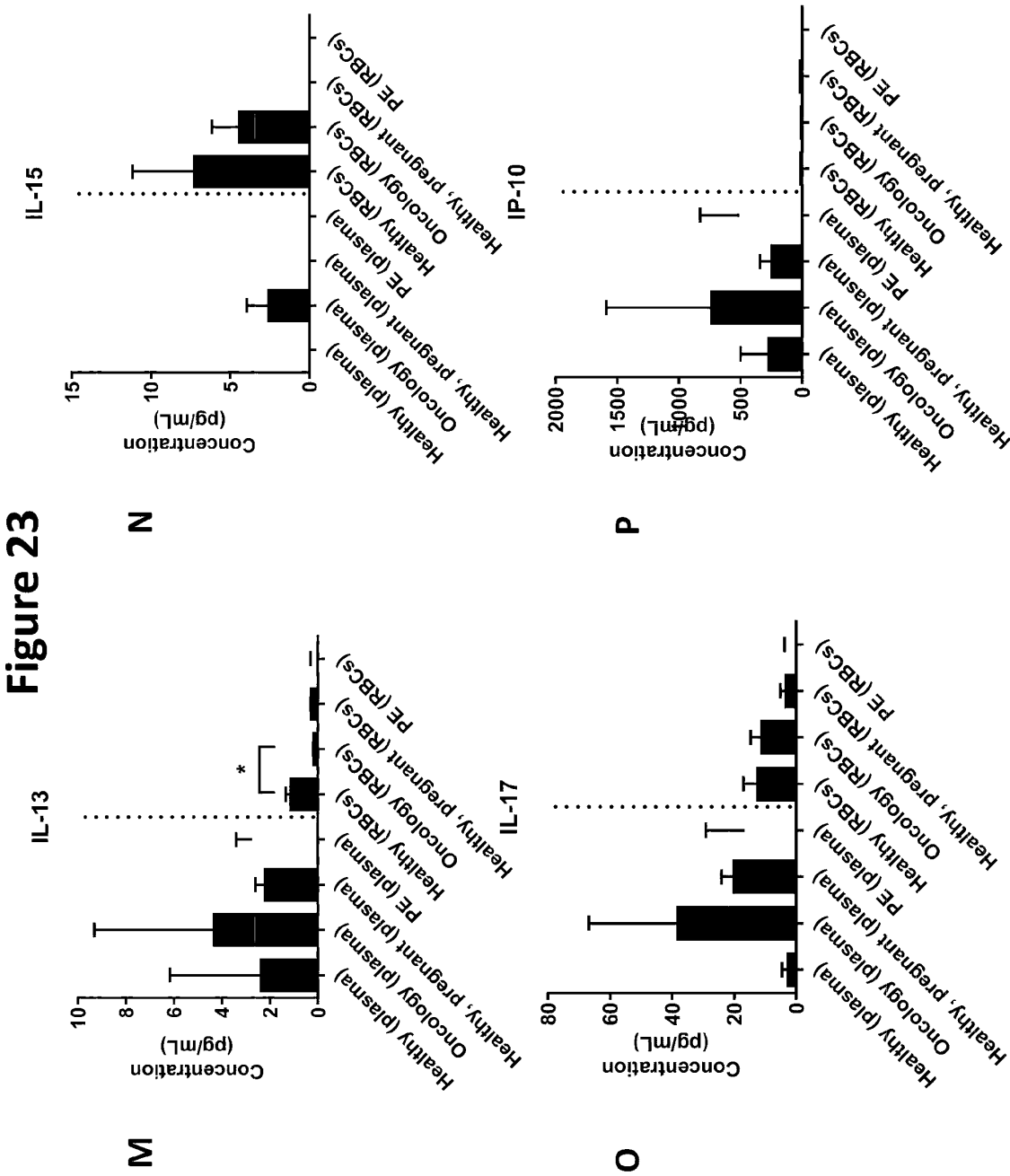


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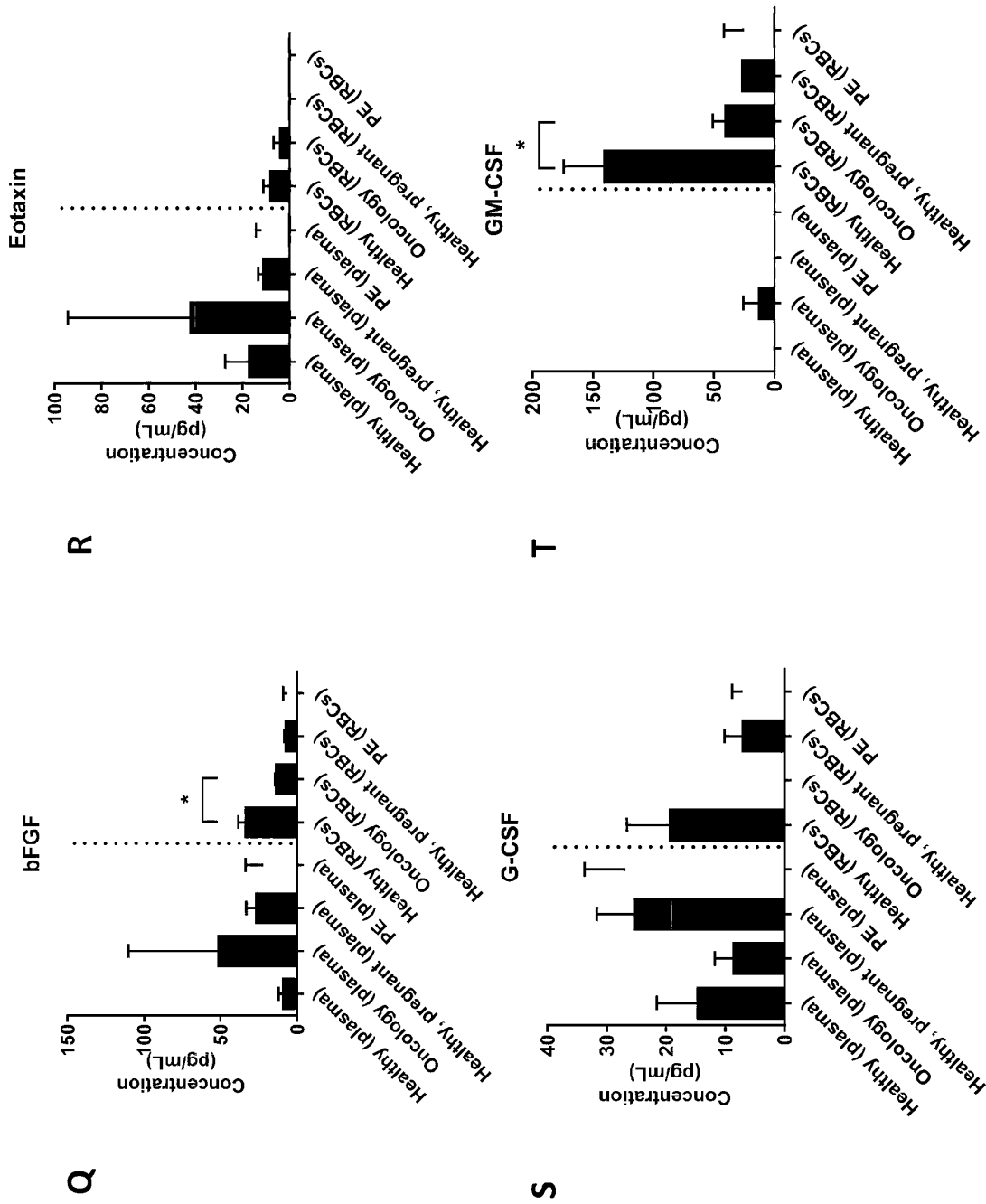


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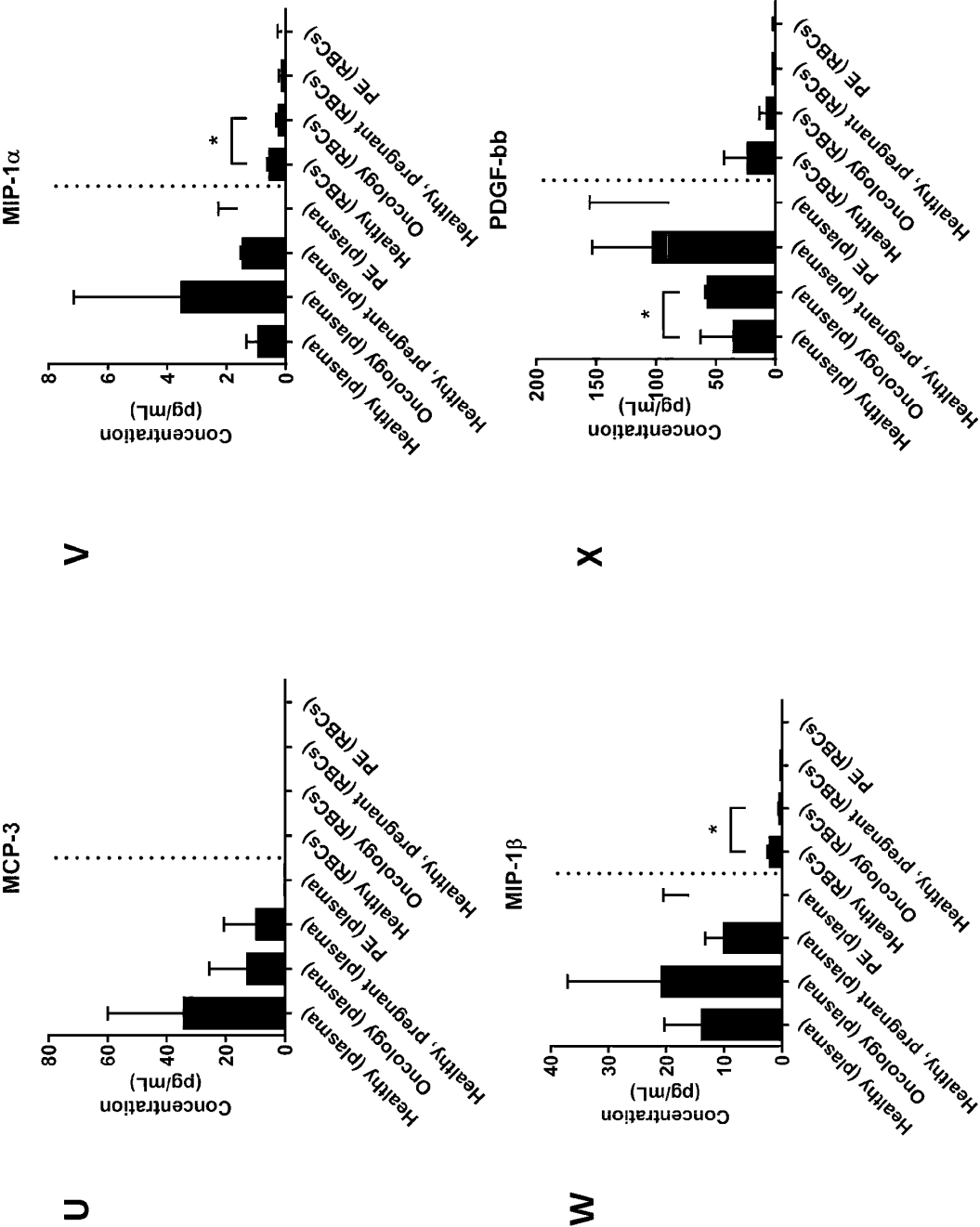


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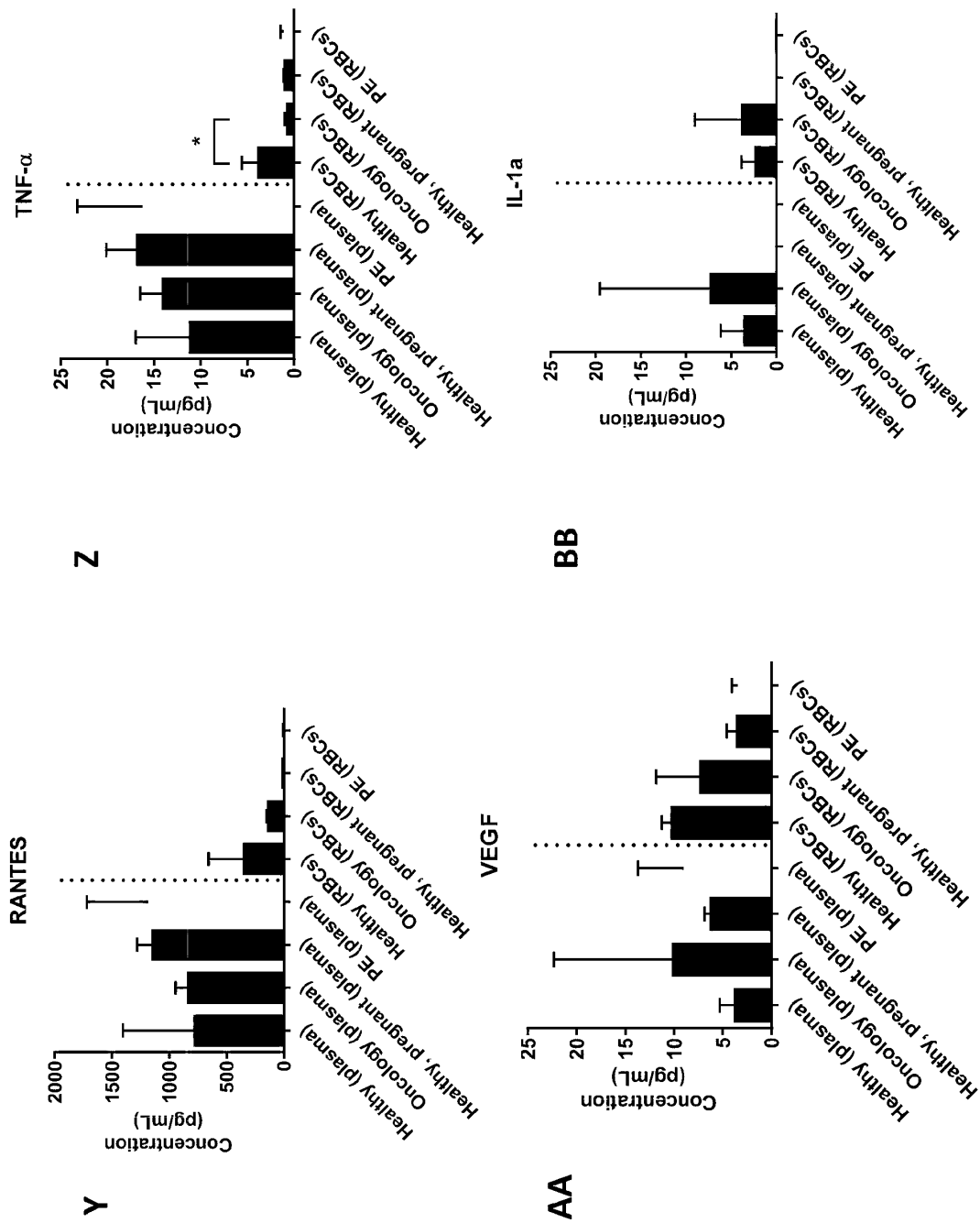


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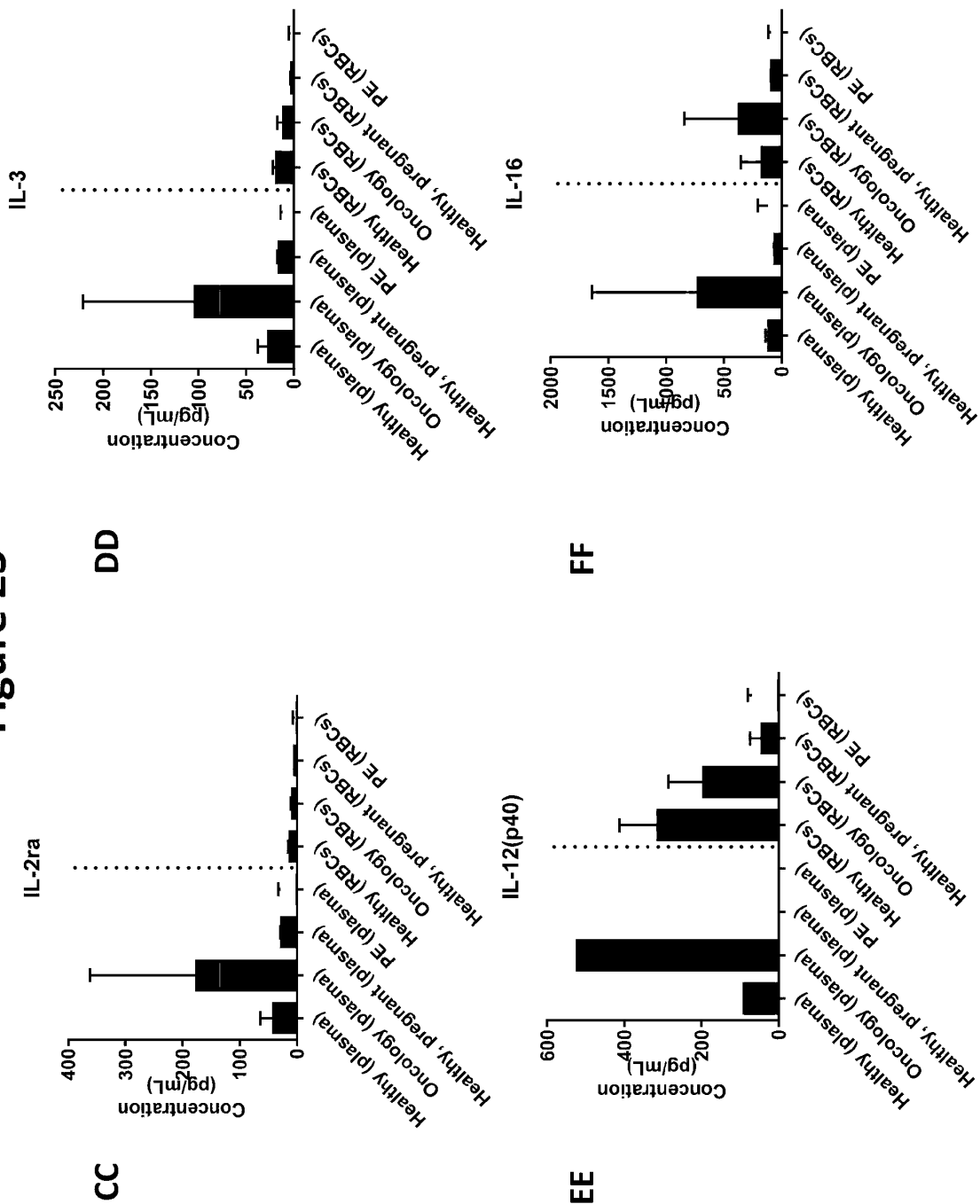


Figure 23

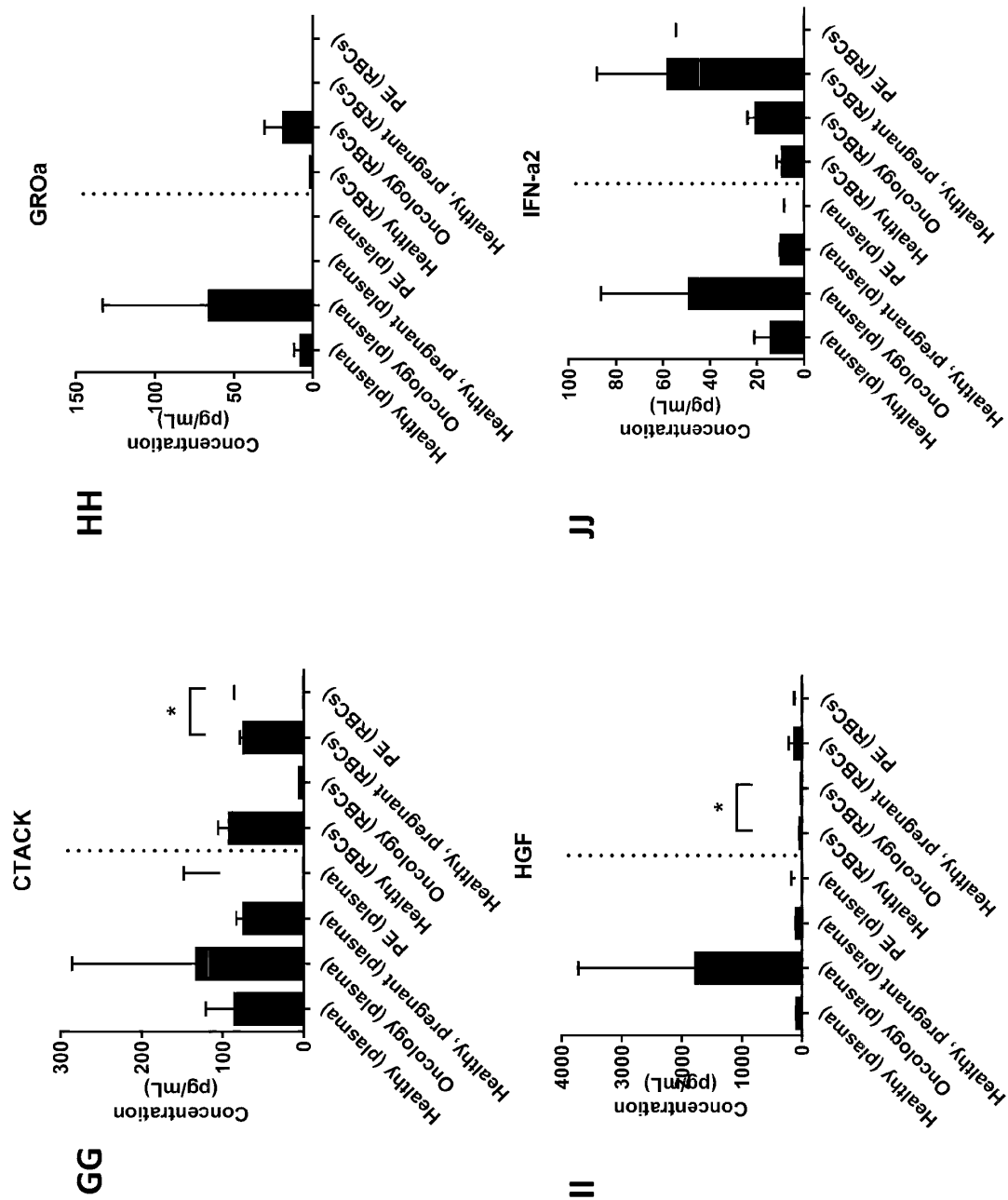


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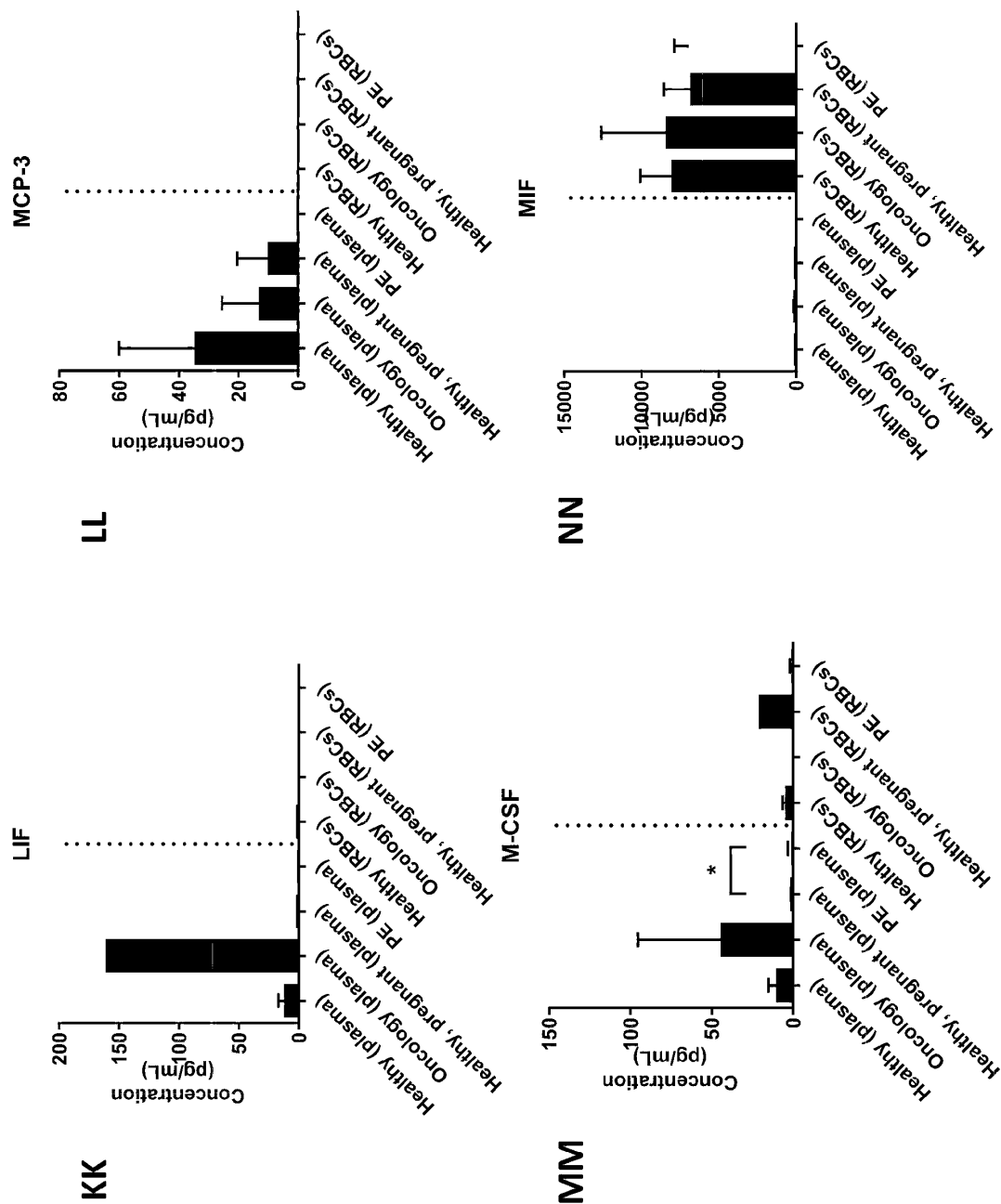


Figure 23

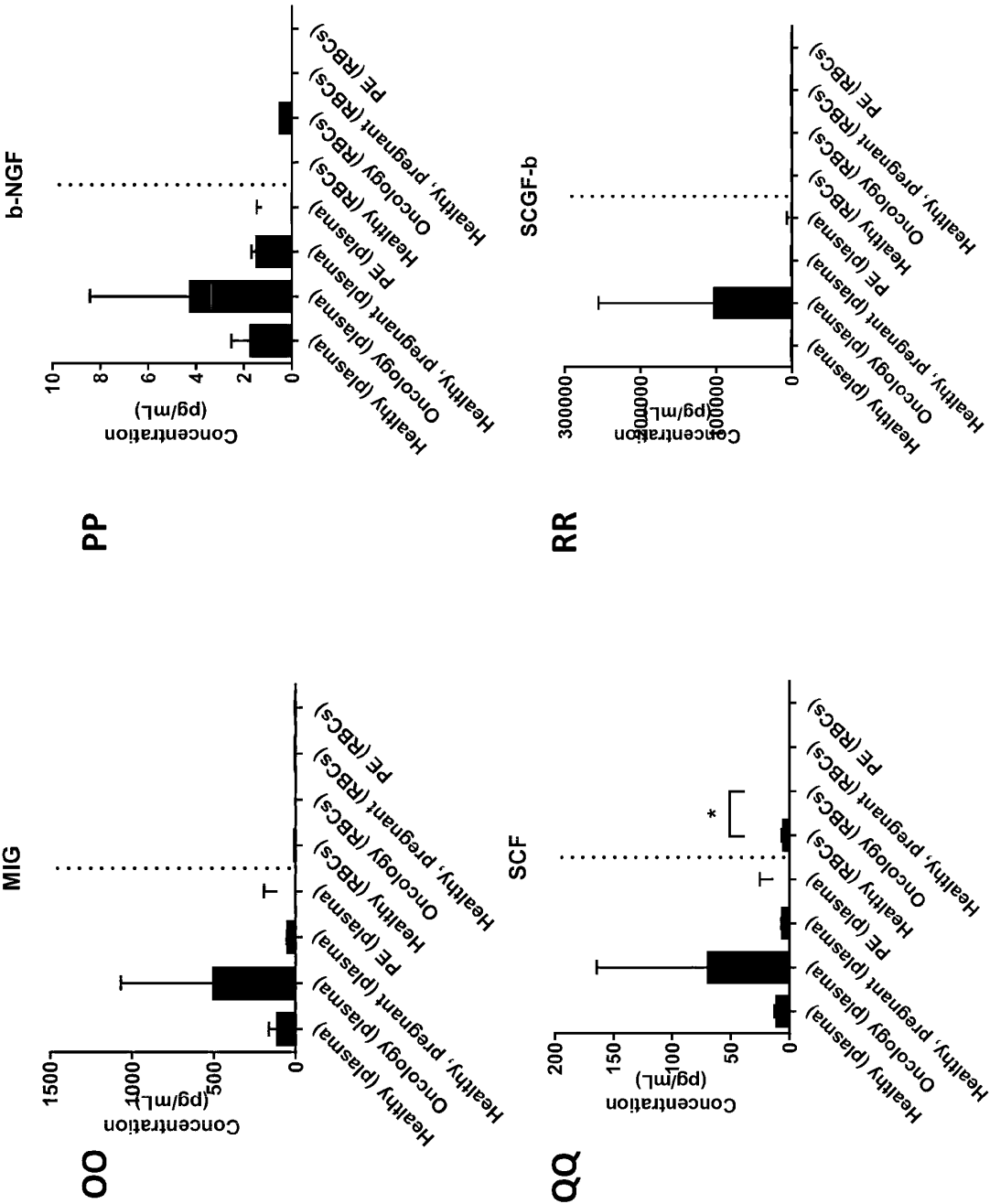


Figure 23

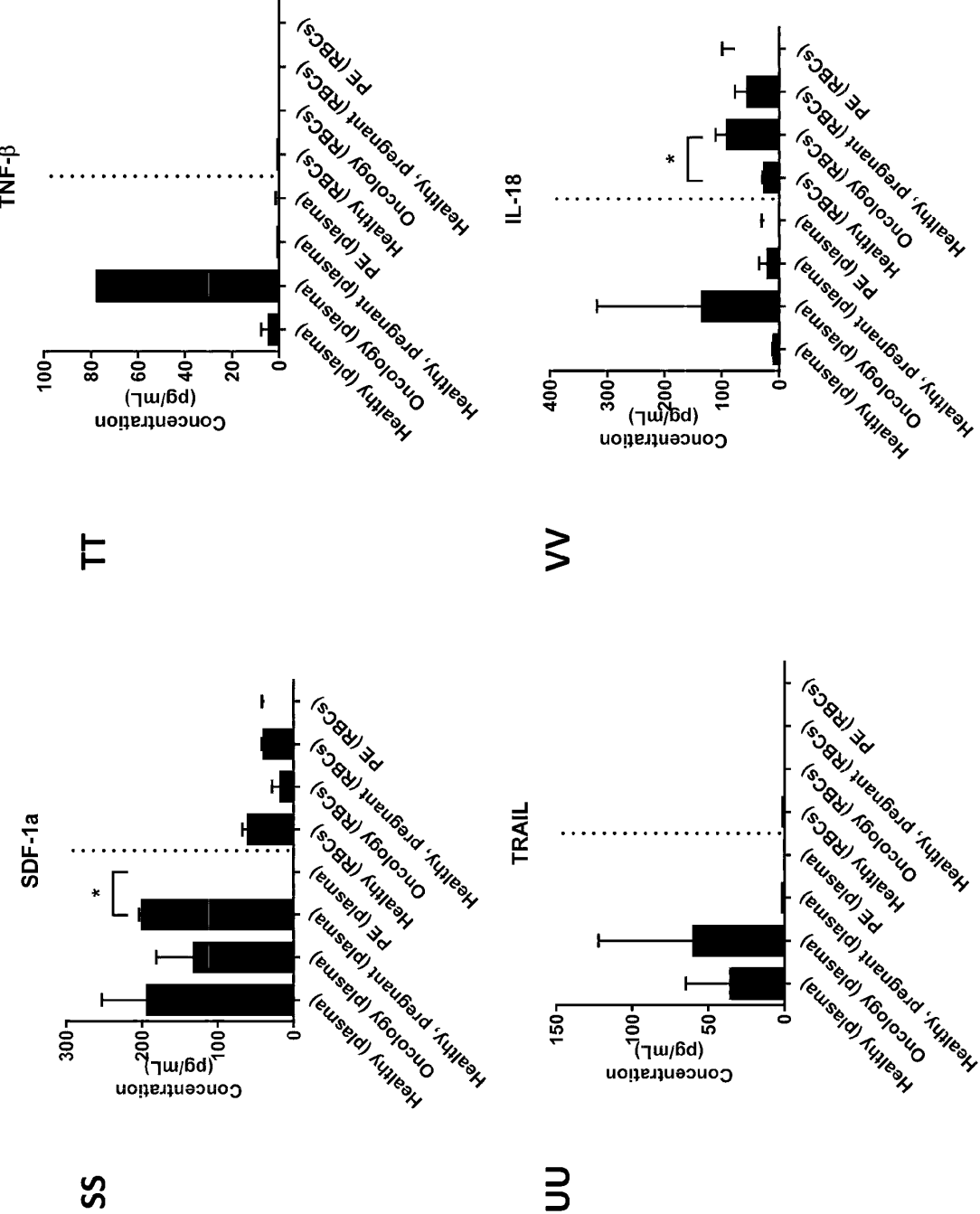


Figure 24A

Analyte	Plasma *			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Pro-inflammatory							
IFN-α2	3	24.4	18.9	3	251.5	32.4	14.97
IFN-γ	3	18.6	1.9	3	18.3	12.2	0.96
IL-1α	3	3.6	6.2	3	35.9	44.3	156.39
IL-1β	3	0.3	0.1	3	1.9	1.5	7.28
IL-5	3	2.7	0.4	0	-	-	-
IL-8	3	5.5	6.2	2	31.9	41.8	1.93
IL-9	3	2.6	0.8	2	7.8	2.5	2.10
IL-12(p70)	3	5.2	5.6	3	15.3	5.6	6.11
IL-15	3	1.3	0.7	3	53.6	20.3	62.29
IL-17	3	19.1	14.4	3	132.8	26.2	9.75
IL-18	3	67.0	91.9	3	1209.7	535.3	79.51
MIF	3	45.5	47.2	3	8348.1	4259.3	280.31
TNF-α	3	7.0	1.3	2	8.5	6.0	0.83
TNF-β	1	77.24	-	0	-	-	-
TRAIL	3	29.9	31.2	0	-	-	-

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Figure 24B

Analyte	Plasma*			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Anti-inflammatory							
IL-1ra	3	13.1	0.9	3	1182.4	970.5	87.35
IL2-ra	3	87.3	93.7	3	108.5	73.6	2.63
IL-4	3	0.3	0.1	-	-	-	-
IL-10	3	2.3	3.0	3	19.0	6.0	118.47
IL-13	3	2.2	2.5	3	2.4	1.4	3.42
Chemokines							
CTACK	3	65.9	76.9	1	64.9	-	1.81
Eotaxin	3	20.9	26.3	3	38.6	23.1	3.67
GRO-α	3	32.9	33.7	3	217.6	98.0	10.11
IL-16	3	361.8	461.0	3	3563.4	3915.3	12.29
MCP-1	3	7.0	7.8	3	285.2	63.1	95.56
MCP-3	2	6.3	6.5	0	-	-	-
MIG	3	249.7	285.1	0	-	-	-
MIP-1α	3	1.8	1.8	3	3.0	2.4	3.76
MIP-1β	3	10.4	8.2	3	4.6	1.8	0.87
RANTES	3	415.3	58.0	3	1717.1	398.8	4.10
SDF-1α	3	65.7	25.0	2	246.5	231.5	2.82

Figure 24C

Analyte	Plasma*			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Anti-inflammatory							
IL-1ra	3	13.1	0.9	3	1182.4	970.5	87.35
IL2-ra	3	87.3	93.7	3	108.5	73.6	2.63
IL-4	3	0.3	0.1	-	-	-	-
IL-10	3	2.3	3.0	3	19.0	6.0	118.47
IL-13	3	2.2	2.5	3	2.4	1.4	3.42
Chemokines							
CTACK	3	65.9	76.9	1	64.9	-	1.81
Eotaxin	3	20.9	26.3	3	38.6	23.1	3.67
GRO-α	3	32.9	33.7	3	217.6	98.0	10.11
IL-16	3	361.8	461.0	3	3563.4	3915.3	12.29
MCP-1	3	7.0	7.8	3	285.2	63.1	95.56
MCP-3	2	6.3	6.5	0	-	-	-
MIG	3	249.7	285.1	0	-	-	-
MIP-1α	3	1.8	1.8	3	3.0	2.4	3.76
MIP-1β	3	10.4	8.2	3	4.6	1.8	0.87
RANTES	3	415.3	58.0	3	1717.1	398.8	4.10
SDF-1α	3	65.7	25.0	2	246.5	231.5	2.82

Figure 25

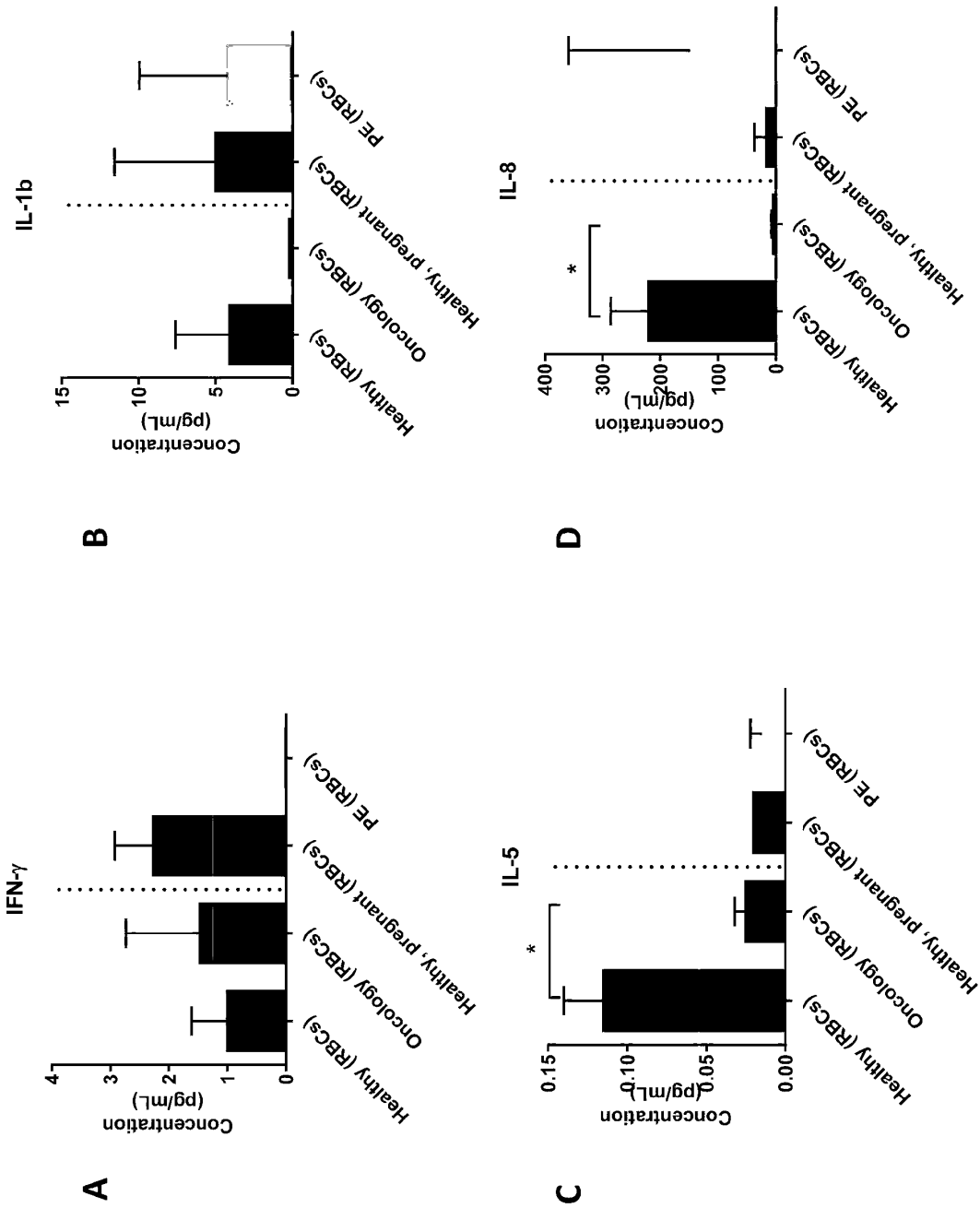


Figure 25

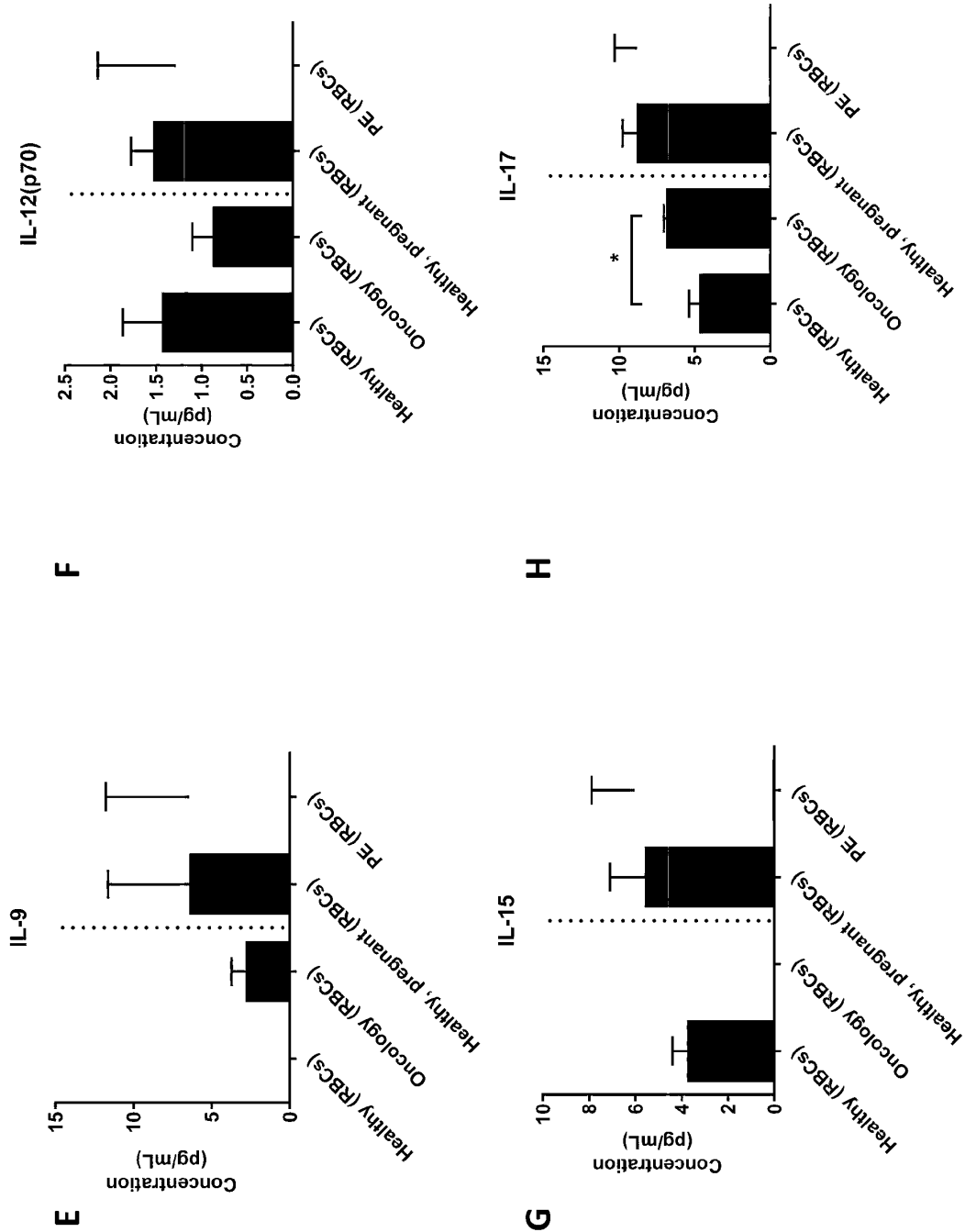


Figure 25

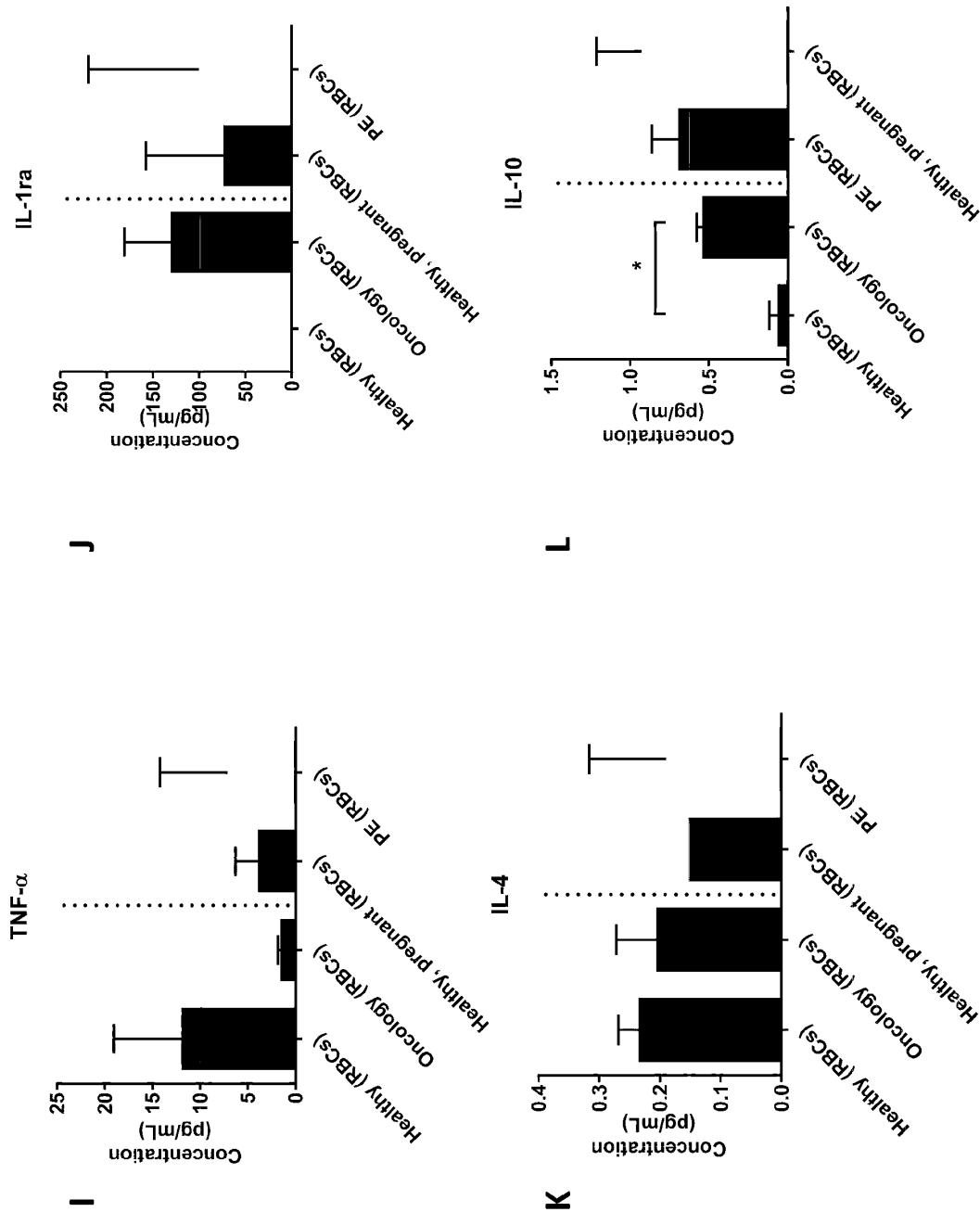


Figure 25

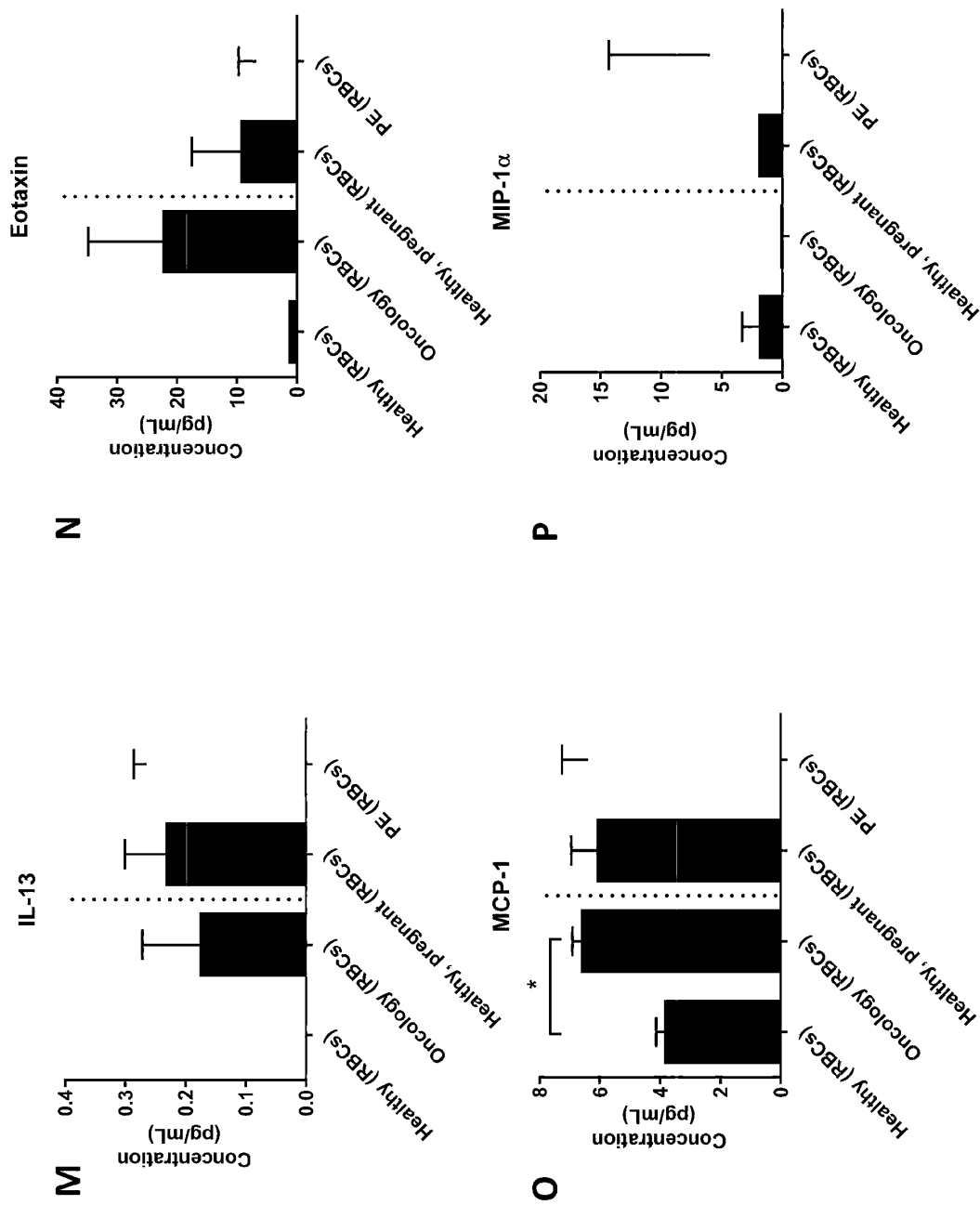


Figure 25

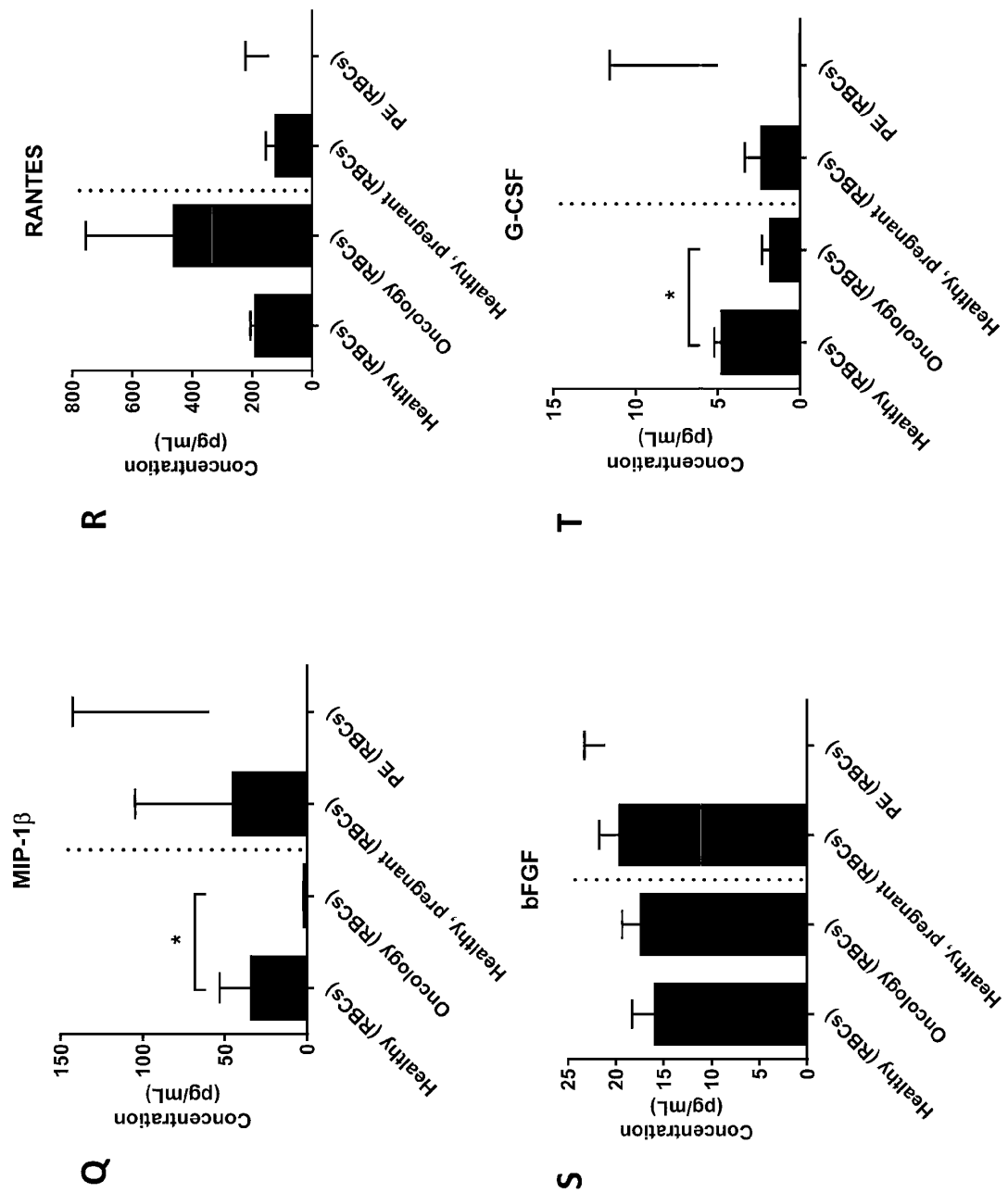


Figure 25

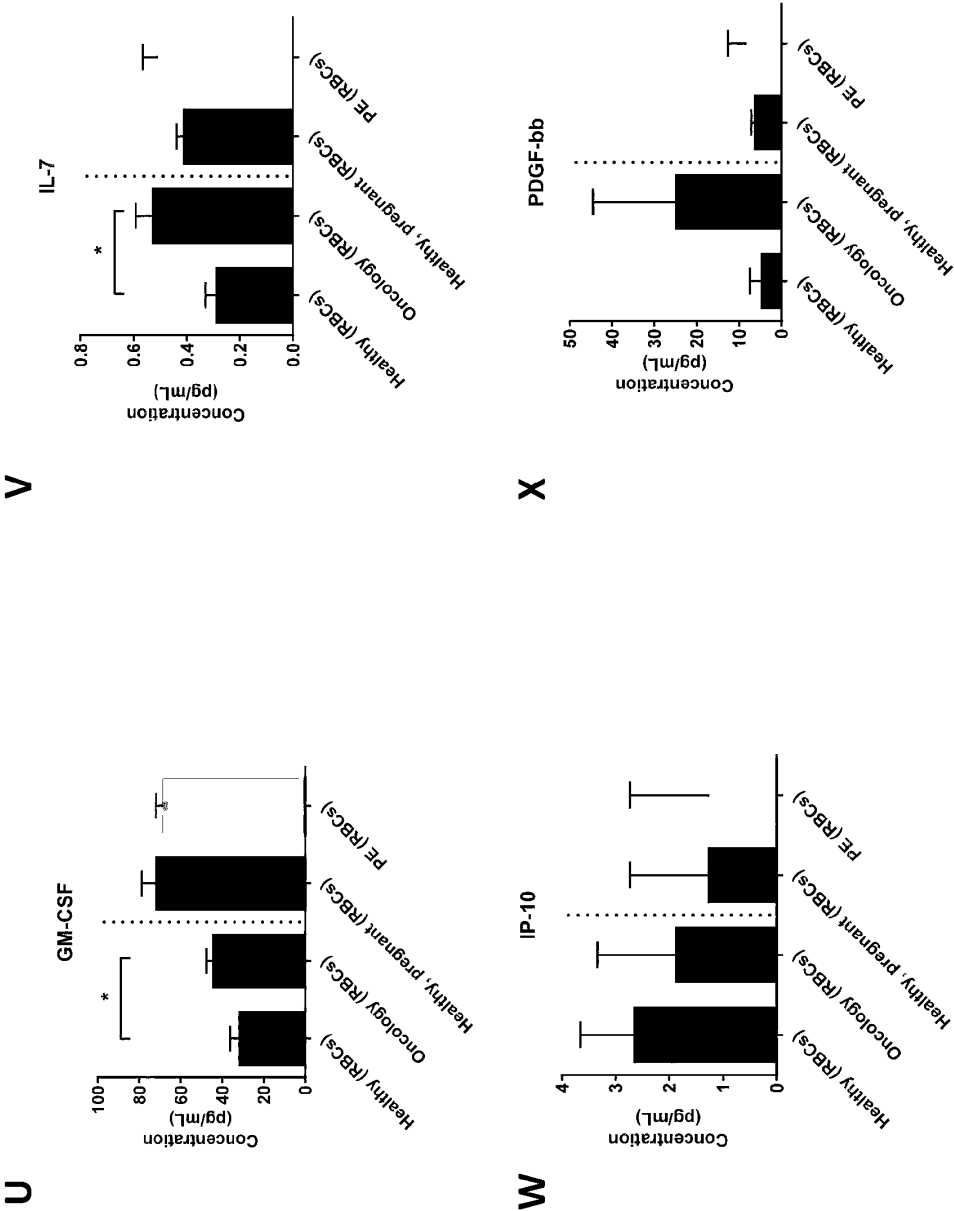


Figure 25

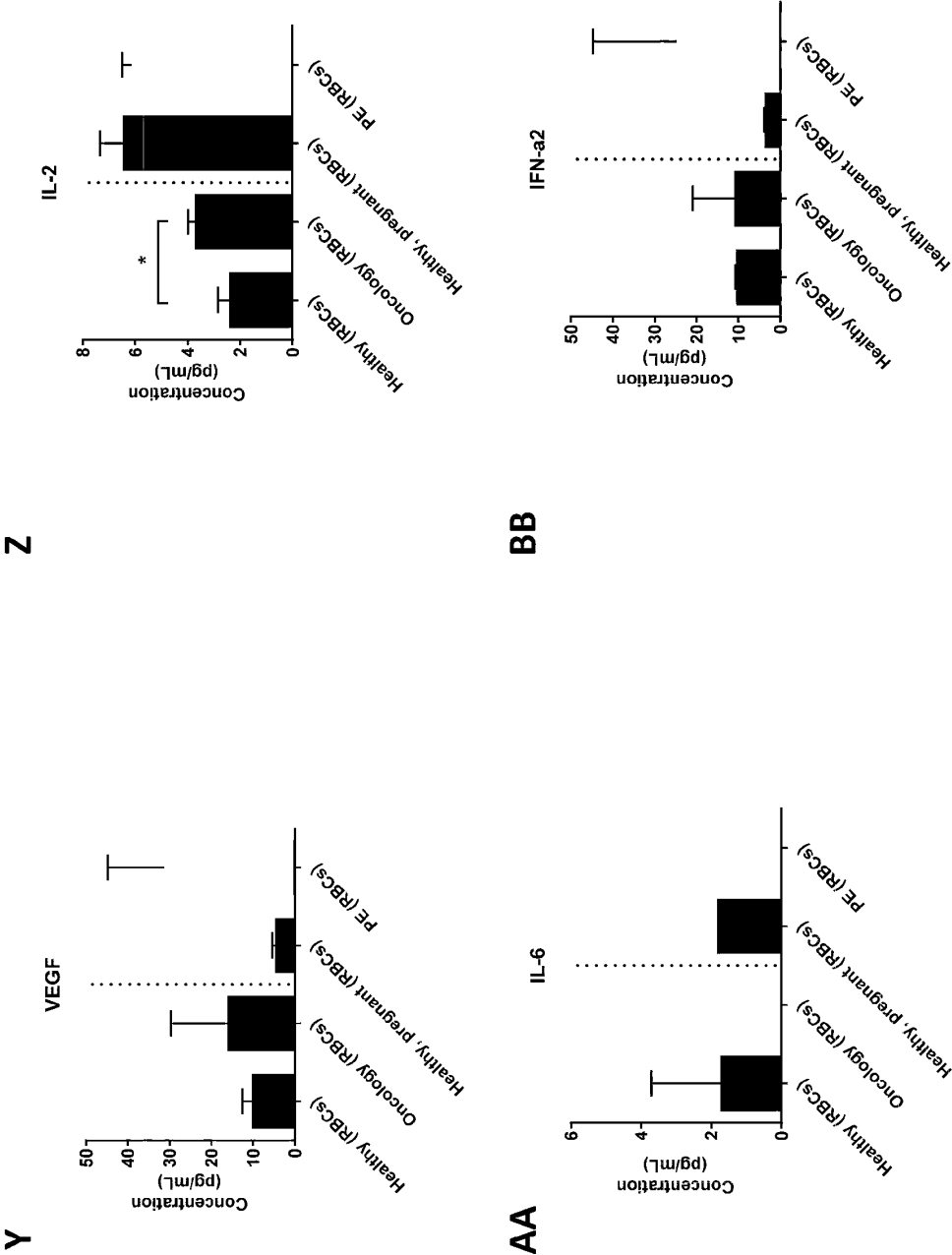


Figure 25

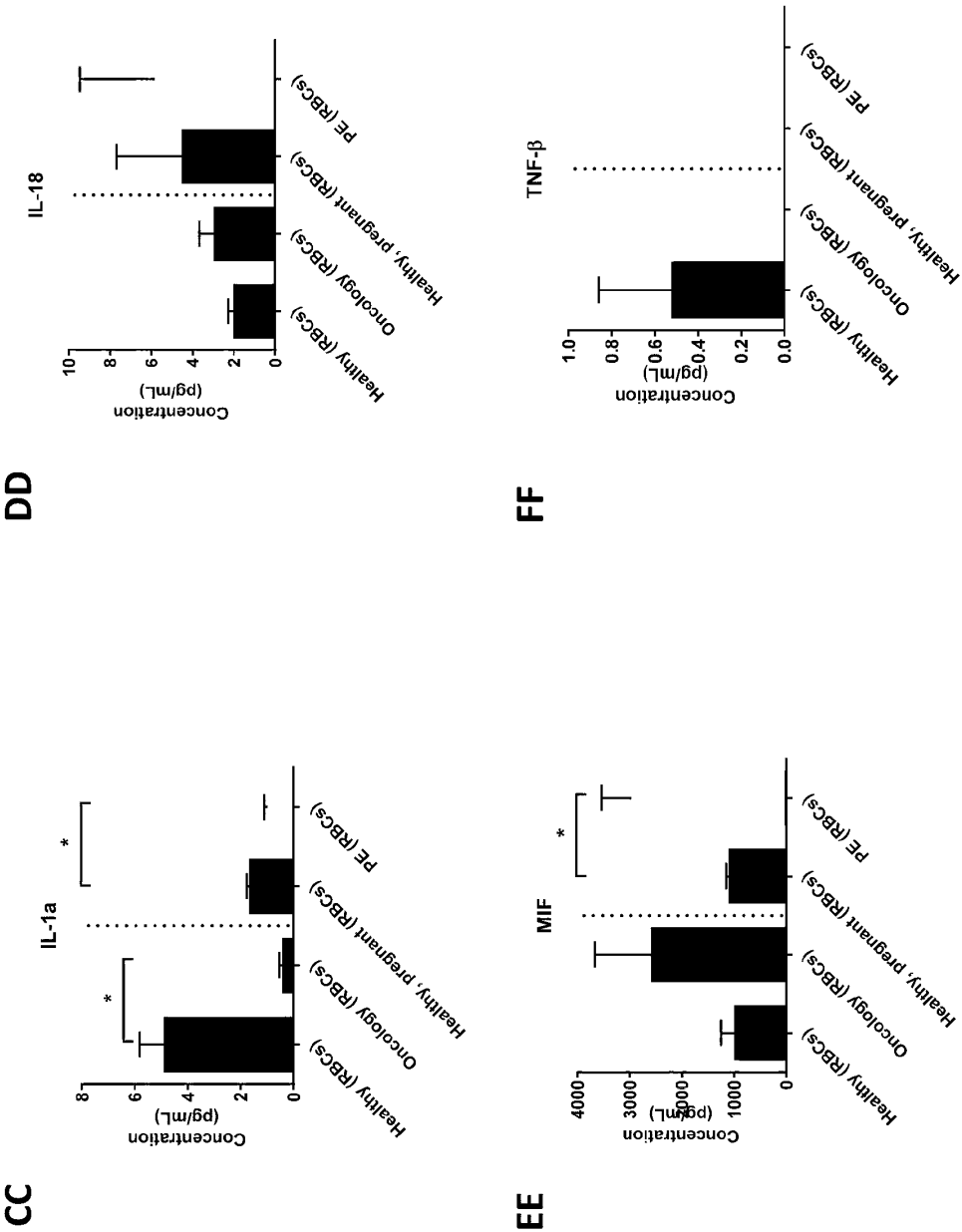


Figure 25

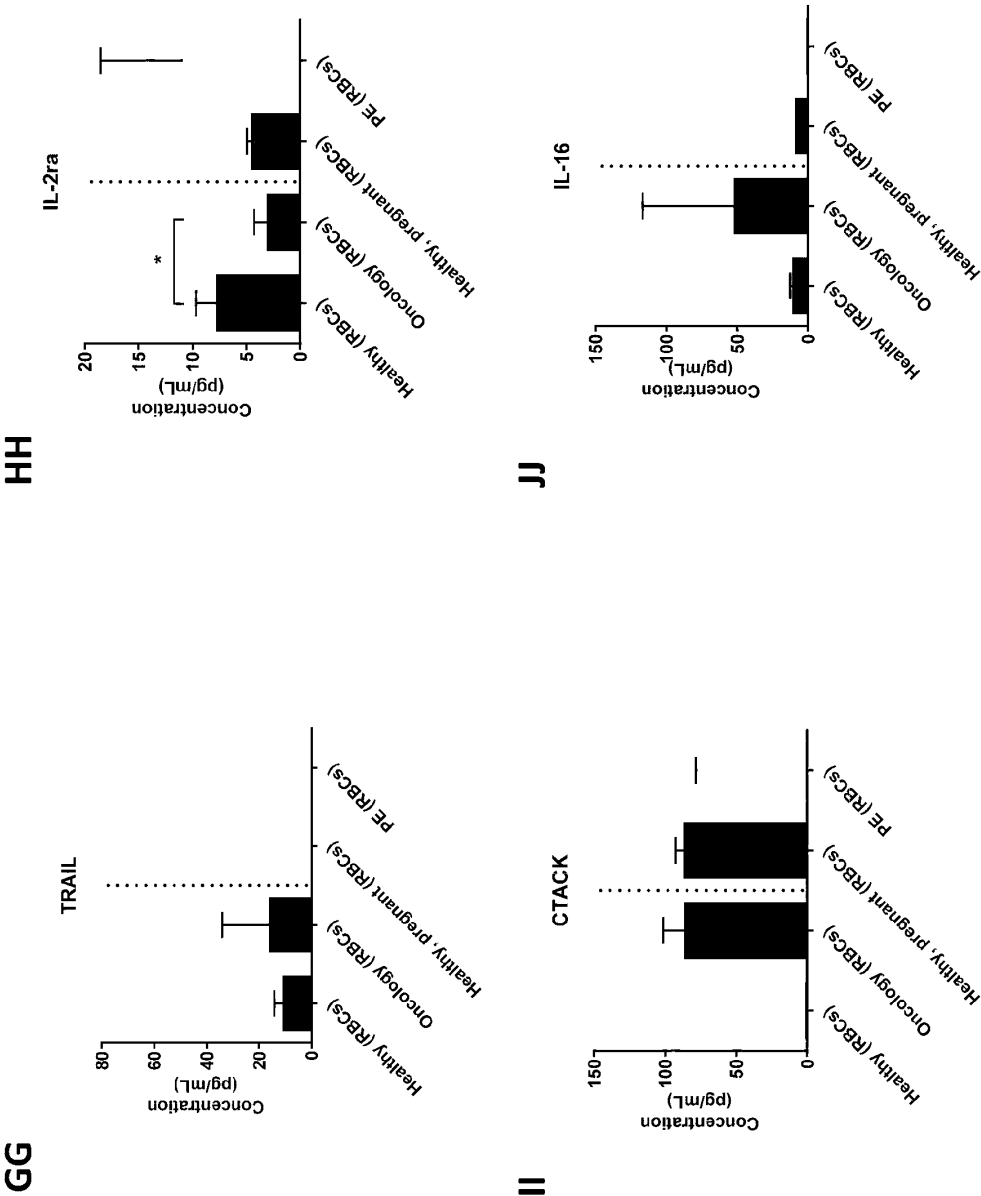


Figure 25

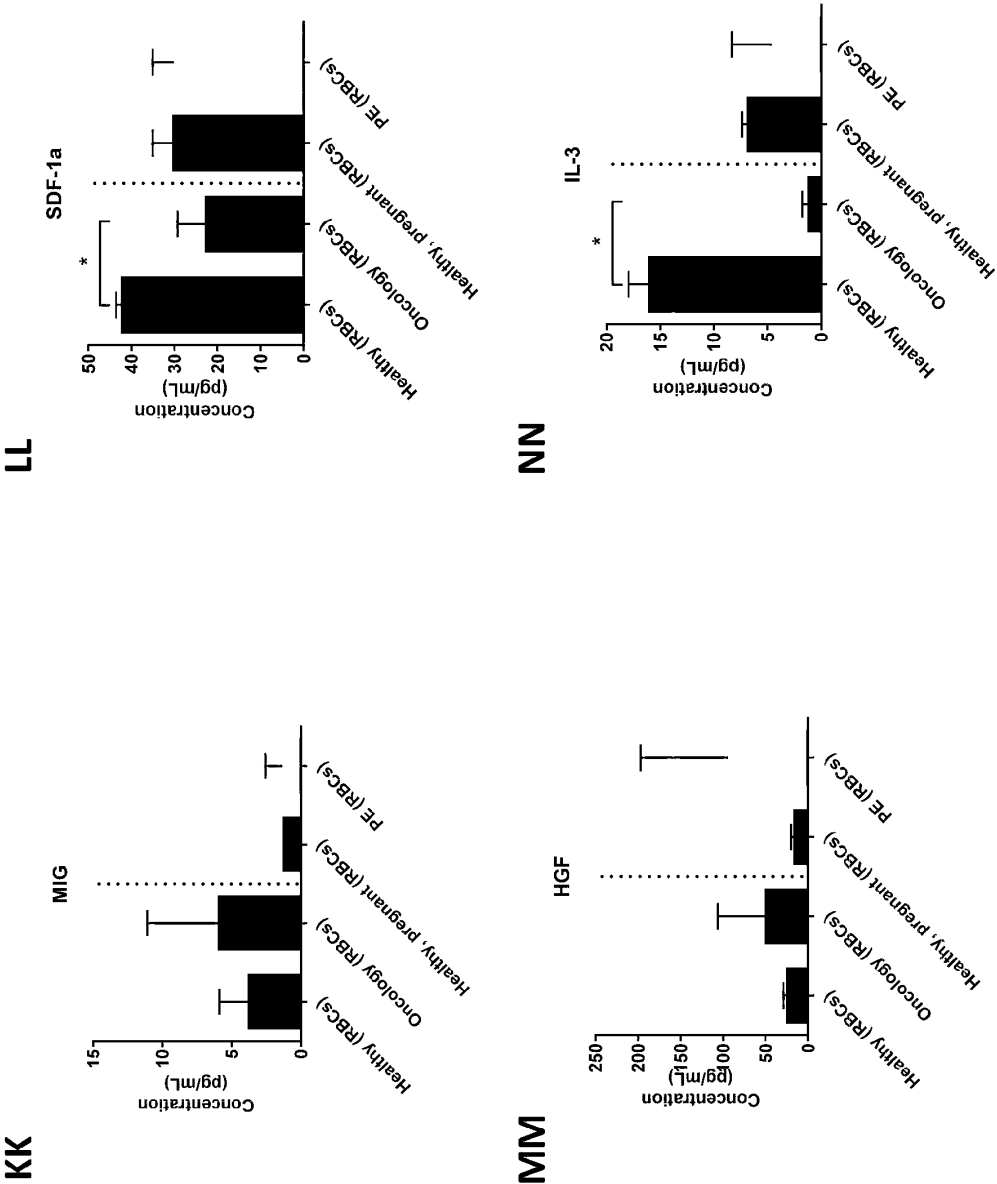


Figure 25

