

## Narrative-based computational modelling of the Gp130/JAK/STAT signalling pathway

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name	descr	site	site_state	site_act	state	state_act	comp	comp_act	init_amount	rel
LIF	ligand				<b>bound</b>	<b>false</b>	1	<b>true</b>	3000	100%
OSM	ligand				<b>bound</b>	<b>false</b>	1	<b>true</b>	3000	100%
gp130	receptor	LIF	<b>bound</b>	<b>false</b>	<b>bound</b>	<b>false</b>	2	<b>true</b>	1000	50%
		OSM	<b>bound</b>	<b>false</b>						
		Y767	<b>phospho</b>	<b>false</b>						
		Y814	<b>phospho</b>	<b>false</b>						
		Y905	<b>phospho</b>	<b>false</b>						
		Y915	<b>phospho</b>	<b>false</b>						
		SOCS3	<b>bound</b>	<b>false</b>						
		typeI	<b>dimer</b>	<b>false</b>						
		typeII	<b>dimer</b>	<b>false</b>						
LIFR	receptor	LIF	<b>bound</b>	<b>false</b>	<b>bound</b>	<b>false</b>	2	<b>true</b>	1000	50%
		OSM	<b>bound</b>	<b>false</b>						
		Y981	<b>phospho</b>	<b>false</b>						
		Y1001	<b>phospho</b>	<b>false</b>						
		Y1028	<b>phospho</b>	<b>false</b>						
		SOCS3	<b>bound</b>	<b>false</b>						
OSMR	receptor	OSM	<b>bound</b>	<b>false</b>	<b>bound</b>	<b>false</b>	2	<b>true</b>	1000	50%
		Y917	<b>phospho</b>	<b>false</b>						
		Y945	<b>phospho</b>	<b>false</b>						
		SOCS3	<b>bound</b>	<b>false</b>						
STAT3	effector	Y705	<b>phospho</b>	<b>false</b>	<b>dimer</b>	<b>false</b>	3	<b>true</b>	3000	30%
		gp130	<b>bound</b>	<b>false</b>						
		LIFR	<b>bound</b>	<b>false</b>						
		OSMR	<b>bound</b>	<b>false</b>						
		PIAS3	<b>bound</b>	<b>false</b>						
SOCS3	inhibitor				<b>bound</b>	<b>false</b>	3	<b>true</b>	0	100%
PIAS3	inhibitor				<b>bound</b>	<b>false</b>	4	<b>true</b>	1000	20%