

Supplementary Materials: Jagged Ligands Enhance the Pro-Angiogenic Activity of Multiple Myeloma Cells

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Table 1. Correlation matrix of markers for ligand and target gene of Notch pathway and angiogenesis quantified in MM patients' BM biopsies.

Pearson Correlation Analysis		MM Stage	JAGGE D1 NM	JAGGE D1 M	JAGGE D2 NM	JAGGED2 M	HES6 N M	HES6 M	VEGF-ANM	VEGF-A M	MVD
MM stage	coefficient r		0.7533	0.6970	0.8280	0.7316	0.7461	0.7839	0.8920	0.8734	0,8787
	<i>p</i> -value		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
JAGGED1 NM	coefficient r	0.7533		0.6972	0.7360	0.6012	0.7223	0.6822	0.7511	0.7519	0,7169
	<i>p</i> -value	<0.0001		<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
JAGGED1 M	coefficient r	0.6970	0.6972		0.6926	0.4797	0.5673	0.7046	0.6287	0.6845	0,7424
	<i>p</i> -value	<0.0001	<0.0001		<0.0001	0.0041	0.0005	<0.0001	0.0001	<0.0001	<0.0001
JAGGED2 NM	coefficient r	0.8280	0.7360	0.6926		0.7677	0.6498	0.7661	0.8012	0.8117	0,8564
	<i>p</i> -value	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
JAGGED2 M	coefficient r	0.7316	0.6012	0.4797	0.7677		0.5516	0.8048	0.6233	0.6443	0,7368
	<i>p</i> -value	<0.0001	0.0002	0.0041	<0.0001		0.0007	<0.0001	0.0001	<0.0001	<0.0001
HES6NM	coefficient r	0.7461	0.7223	0.5673	0.6498	0.5516		0.6439	0.6057	0.5956	0,7020
	<i>p</i> -value	<0.0001	<0.0001	0.0005	<0.0001	0.0007		0.0001	0.0001	0.0002	<0.0001
HES6 M	coefficient r	0.7839	0.6822	0.7046	0.7661	0.8048	0.6439		0.6745	0.6687	0,8829
	<i>p</i> -value	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001		<0.0001	<0.0001	<0.0001
VEGF-A NM	coefficient r	0.8920	0.7511	0.6287	0.8012	0.6233	0.6057	0.6745		0.7989	0,8260
	<i>p</i> -value	<0.0001	<0.0001	0.0001	<0.0001	0.0001	0.0001	<0.0001		<0.0001	<0.0001
VEGF-A M	coefficient r	0.8734	0.7519	0.6845	0.8117	0.6443	0.5956	0.6687	0.7989		0,7681
	<i>p</i> -value	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001
MVD	coefficient r	0.8787	0.7169	0.7424	0.8564	0.7368	0.7020	0.8829	0.8260	0.7681	
	<i>p</i> -value	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	

Table S1: Correlation matrix of markers for ligand and target gene of Notch pathway and angiogenesis quantified in MM patients' BM biopsies. 34 BMPs from MM patients were analyzed at the onset of the disease prior to drug treatments. Quantified parameters were used for a Pearson correlation analysis using GraphPad Prism 6. Statistical analysis was carried out using two-tailed *t*-test. Table shows a correlation matrix with coefficient *r* and *p*-value.



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