

PRELIMINARY DATA USED TO HANDFIT RESPONSE OF VEGFA WITHIN SYSTEM

MCF10A							
Values							
VEGFA		Relative mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	1.31	1.04	0.93	0.00	1.00	1.00
	48 HR	3.60	1.03	0.91	0.45	0.94	0.88
50ng/ml	3HR	1.37	0.92	0.88	0.01	0.25	0.71
	48 HR	6.34	0.88	0.76	1.00	0.00	0.00
Standard Deviation							
VEGFA		Relative mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	0.89	0.03	0.02	0.00	0.03	0.02
	48 HR	0.78	0.03	0.27	0.10	0.03	0.26
50ng/ml	3HR	0.11	0.10	0.53	0.00	0.03	0.43
	48 HR	0.53	0.21	0.19	0.08	0.00	0.00

DLD1							
Values							
VEGFA		Relative mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	1.21	0.76	1.03	0.00	1.00	0.76
	48 HR	1.80	0.53	1.09	0.17	0.44	1.00
50ng/ml	3HR	1.54	0.46	1.03	0.10	0.27	0.76
	48 HR	4.63	0.35	0.84	1.00	0.00	0.00
Standard Deviation							
VEGFA		Relative mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	0.80	0.10	0.18	0.00	0.13	0.13
	48 HR	0.24	0.12	0.17	0.02	0.10	0.16
50ng/ml	3HR	0.89	0.19	0.45	0.06	0.11	0.33
	48 HR	0.87	0.06	0.05	0.19	0.00	0.00

Computer ENSEMBLE mRNA							
Values							
VEGFA		Absolute mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	0.94	88.12	10.23	0.00	1.00	1.00
	48 HR	2.10	55.64	5.45	0.40	0.41	0.40
50ng/ml	3HR	1.44	64.10	8.43	0.17	0.56	0.77
	48 HR	3.85	33.40	2.32	1.00	0.00	0.00
Standard Deviation							
VEGFA		Absolute mRNA			Normalized		
		Ecad	Slug	Vim	Ecad	Slug	Vim
5ng/ml	3HR	0.21	22.34	2.45	0.00	0.25	0.24
	48 HR	0.45	15.55	1.12	0.09	0.11	0.08
50ng/ml	3HR	0.38	17.87	2.23	0.05	0.16	0.20
	48 HR	1.30	9.46	0.45	0.34	0.00	0.00