

Supple. Table 11: The statistic significance and other quantifications of the shared miRNA non-coherent GO terms between brain tumor and development. (picTar target prediction is used)

Term	LogFC Val		# of miRNAs in Dev.	LogFC Val		# of miRNAs in MB	# of common genes	Significant miRNAs shared btw Ptch+/- MB and development						
	p-val in Dev.	offset in Dev.		p-val in MB	offset in MB			mir-128	mir-27b	mir-133	mir-206	mir-9		
'transmission of nerve impulse'	0.00085509	0.1603155	7	0.00179757	-0.19021323	7	20	mir-128	mir-27b	mir-133	mir-206	mir-9		
'synaptic transmission'	0.00097989	0.17886499	7	0.0013259	-0.19562017	8	19	mir-128	mir-27b	mir-133	mir-206	mir-152	mir-9	
'cell communication'	0.00189153	0.07519943	2	0.0006943	-0.09264798	3	18	mir-133	0	0	0	0		
'transport'	6.3099E-05	0.09103497	4	0.00346232	-0.08830199	8	34	mir-103	mir-218	mir-15	0	0		
'cell-cell signaling'	0.00179412	0.12451218	5	0.00084774	-0.16230764	7	20	mir-128	mir-133	mir-9	0	0		
'localization'	0.00019289	0.06779094	6	0.00238273	-0.07947852	8	76	mir-103	mir-128	mir-133	mir-15	0		
'establishment of localization'	0.00017647	0.07599649	6	0.00355532	-0.08484031	9	80	mir-103	mir-128	mir-218	mir-133	mir-15		
'exocytosis'	0.00684165	0.2421659	4	0.00396211	-0.21921647	3	6	mir-128	mir-34	mir-206	0	0		
'vesicle-mediated transport'	0.00586559	-0.06710742	1	0.00586559	-0.06710742	1	13	mir-103	0	0	0	0		