

A													
RWPE1			22RV1			DU145			LNCaP				
1.069	0.943	0.989	0.392	0.375	0.316	0.285	0.27	0.222	0.567	0.632	0.689		
B													
Normal		Tumor	C										
0.609	0.609		22RV1										
0.403	0.355				Cytoplasm				Nucleus				
0.835	0.143		LINC01002	63.726	52.397	62.089	38.715	41.236	41.838				
0.894	0.326		GAPDH	87.259	80.996	75.068	19.946	19.411	18.32				
1.563	0.732		U6	16.678	13.118	18.103	81.324	87.132	83.645				
0.803	0.074												
0.987	0.375		DU145										
1.509	0.531				Cytoplasm				Nucleus				
0.923	0.443		LINC01002	65.131	82.105	65.467	28.705	26.22	32.372				
1.001	0.595		GAPDH	85.507	65.131	83.46	23.899	16.593	25.41				
1.542	0.562		U6	24.012	27.108	26.429	76.119	74.479	71.852				
0.597	0.272												
0.69	0.302		D										
1.29	0.55			Empty vector				LINC01002-OE					
1.044	0.533		22RV1	1.039	0.973	0.989	4.125	4.356	4.582				
0.911	0.537		DU145	1.009	0.976	1.016	3.612	3.429	3.809				
0.973	0.344		E										
0.559	0.244		22RV1		Empty vector				LINC01002-OE				
1.116	0.325		0h	0.074	0.097	0.109	0.102	0.106	0.094				
1.216	0.433		24h	0.374	0.264	0.336	0.256	0.260	0.257				
1.201	0.524		48h	0.567	0.658	0.687	0.326	0.402	0.472				
0.527	0.493		72h	0.823	0.925	0.969	0.654	0.492	0.538				
1.11	0.294												
1.058	0.455		DU145		Empty vector				LINC01002-OE				
1.255	0.43		0h	0.115	0.101	0.11	0.101	0.086	0.111				
1.083	0.294		24h	0.303	0.283	0.311	0.303	0.233	0.280				
1.157	0.478		48h	0.642	0.532	0.508	0.412	0.387	0.323				
0.592	0.169		72h	0.857	0.905	0.962	0.703	0.617	0.722				
0.563	0.187												
1.015	0.656		F										
0.872	0.703		22RV1		Empty vector				LINC01002-OE				
1.401	0.07		0h	21.836	22.679	20.567	21.384	22.567	21.058				
1.37	0.3		24h	13.562	13.878	14.032	16.598	16.987	17.235				
0.25	0.667		0h-24h	8.274	8.801	6.535	4.786	5.580	3.823				
1.173	0.605		迁移率	0.379	0.388	0.318	0.224	0.247	0.182				
1.382	0.472		%	37.892	38.806	31.774	22.381	24.726	18.155				
1.179	0.405												
0.983	0.447		DU145		Empty vector				LINC01002-OE				
1.12	0.625		0h	21.038	23.498	22.028	17.032	18.325	17.658				
0.867	0.357		24h	13.056	13.468	13.667	15.869	16.523	16.578				
0.848	0.461		0h-24h	7.982	10.030	8.361	1.163	1.802	1.080				
1.059	0.554		迁移率	0.379	0.427	0.380	0.068	0.098	0.061				
0.764	0.281		%	37.941	42.684	37.956	6.828	9.834	6.116				
1.097	0.411												
1.608	0.621												
G													
22RV1				DU145									
		Empty vector		LINC01002-OE				Empty vector		LINC01002-OE			
Bax	1739447	1791630	1469833	3855594	3265095	3510117	1309378	1363062	1153562	2262411	2325759	1864227	
Bcl-2	2865704	2923018	2435848	1501695	1329803	1241475	4795974	4959037	4201273	2767621	2941981	3371851	
GADPH	4019147	4155798	3966898	3736258	4388566	3650324	3654940	3877891	3607426	3804115	3963888	3572064	
Bax/GADPH	0.433	0.431	0.371	1.032	0.744	0.962	0.358	0.351	0.320	0.595	0.587	0.522	
Bcl-2/GADPH	0.713	0.703	0.614	0.402	0.303	0.340	1.312	1.279	1.165	0.728	0.742	0.944	
Bax均值	0.411						0.343						
Bcl-2均值	0.677						1.252						
Bax归一	1.052	1.048	0.900	2.511	1.810	2.340	1.044	1.024	0.932	1.733	1.710	1.521	
Bcl-2归一	1.053	1.039	0.907	0.594	0.448	0.502	1.048	1.022	0.930	0.581	0.593	0.754	

day	Empty vector						LINC01002-OE			
4	117.071	106.507	128.142	100.274	107.121	69.362	67.045	64.307	75.156	55.121
8	134.685	184.269	212.549	246.006	175.626	95.709	106.431	75.828	121.485	69.232
12	330.973	375.962	201.003	385.999	412.646	70.601	176.402	68.373	146.172	138.073
16	410.473	469.919	451.229	388.765	534.749	136.243	179.352	112.734	159.401	120.542
20	453.196	518.32	454.007	372.122	704.794	130.603	186.527	205.043	200.548	167.733
24	557.633	670.005	584.515	477.705	570.779	216.472	269.808	278.24	212.889	215.293
28	611.586	698.415	788.298	745.685	560.065	209.876	264.765	253.227	298.433	317.428

宽	10.325	10.564	11.032	11.425	9.526	6.032	6.532	6.425	6.870	7.032
长	11.033	12.035	12.456	10.986	11.869	10.036	11.032	10.865	11.345	11.567
宽的平方	106.606	111.598	121.705	130.531	90.745	36.385	42.667	41.281	47.197	49.449
Tumor volume										

	Empty vector					LINC01002-OE				
	0.2344	0.2456	0.2568	0.298	0.3523	0.1073	0.1124	0.1589	0.1134	0.1907

**B**

22RV1	miR-NC		miR-650			
WT	1.036	0.909	1.055	0.427	0.401	0.49
MUT	0.935	0.938	1.127	1.083	0.914	1.003
DU145	miR-NC		miR-650			
WT	0.936	1.063	1	0.482	0.492	0.506
MUT	0.925	1.017	1.058	1.062	0.97	0.968

**C**

22RV1	Anti-IgG		Anti-Ago2			
LINC01002	0.943	1.031	1.026	181.422	173.214	165.915
miR-650	1.004	0.95	1.046	87.193	93.22	86.177
DU145	Anti-IgG		Anti-Ago2			
LINC01002	0.946	1.029	1.026	152.797	131.063	144.157
miR-650	1.082	0.931	0.987	58.02	73.458	69.913

**D**

	RWPE1			22RV1			DU145	
1.014	0.995	0.991	4.356	4.879	4.932	5.032	5.367	5.671

**E**

Normal tissues

1.808	4.26
1.237	1.003
1.099	6.711
0.512	4.517
0.817	5.292
1.032	2.542
1.667	3.004
0.561	7.552
0.78	4.145
1.077	5.832
1.387	4.192
1.015	6.103
0.539	2.621
0.468	4.304
1.051	5.452
0.52	4.95
1.153	2.39
1.105	3.679
0.813	5.026
0.639	1.912
1.12	5.599
1.597	5.337
1.646	6.402
1.464	2.343
1.282	6.144
1.259	6.006
0.614	3.423
1.149	5.087
1.196	1.214
0.542	4.491
0.931	4.752
0.75	2.823
0.558	5.404
0.085	1.641
1.499	3.672
0.449	7.311
0.681	4.217
1.095	3.383
1.346	6.825
1.352	6.777
1.678	6.457
0.886	6.837
0.714	6.042
1.337	5.084
0.488	6.087

**F**

Relative levels of miR-650

0.07	7.552
0.074	7.311
0.143	6.825
0.169	6.777
0.187	6.457
0.244	4.304
0.272	5.452
0.281	5.084
0.294	6.087
0.294	5.832
0.3	4.192
0.302	6.103
0.325	6.711
0.326	6.837
0.344	5.087
0.355	4.95
0.357	5.292
0.375	3.679
0.405	5.026
0.411	4.517
0.43	5.599
0.433	5.337
0.443	6.402
0.447	4.145
0.455	6.144
0.461	6.006
0.472	3.423
0.478	6.042
0.493	3.004
0.524	4.491
0.531	4.752
0.533	2.823
0.537	5.404
0.55	2.542
0.554	3.672
0.562	4.26
0.595	4.217
0.605	3.383
0.609	1.912
0.621	1.641
0.625	2.39
0.656	2.343
0.667	2.621
0.703	1.214
0.732	1.003



B		D													
22RV1	miR-NC		miR-650				RWPE1	22RV1		DU145					
WT	1.032	0.95	1.018	0.375	0.442	0.457	0.997	0.946	1.057	0.458	0.532	0.462	0.452	0.418	0.367
MUT	1.001	1.083	0.916	0.912	1.056	1.032									
DU145	miR-NC		miR-650												
WT	0.994	1.054	0.952	0.569	0.451	0.426									
MUT	0.905	1.008	1.086	0.936	1.082	0.982									

C	Normal	Tumor	E	Relative le	Relative levels of miR-650
	0.599	0.369		0.07	7.552
	1.155	0.07		0.076	7.311
	1.184	0.427		0.105	6.825
	1.512	0.603		0.108	6.777
	1.332	0.357		0.169	6.457
	1.537	0.892		0.18	5.026
	1.277	0.438		0.192	4.517
	1.179	0.749		0.229	5.084
	0.832	0.403		0.239	6.087
	0.578	0.169		0.296	5.832
	0.197	0.296		0.302	4.192
	0.903	0.784		0.304	4.145
	0.468	0.538		0.357	6.711
	0.903	0.486		0.369	4.304
	1.339	0.558		0.378	5.452
	0.557	0.597		0.379	4.95
	1.085	0.472		0.38	5.292
	1.382	0.478		0.402	3.679
	0.556	0.38		0.403	6.837
	0.732	0.402		0.405	6.042
	1.241	0.108		0.427	5.599
	1.136	0.512		0.438	5.337
	1.301	0.686		0.443	6.402
	0.449	0.911		0.472	6.103
	1.8	0.105		0.478	6.144
	0.782	0.192		0.48	6.006
	0.137	0.18		0.486	3.423
	0.503	0.304		0.512	5.087
	0.615	0.741		0.518	3.004
	1.505	0.229		0.533	4.491
	1.029	0.558		0.538	4.752
	1.242	0.076		0.558	2.823
	0.342	0.405		0.558	5.404
	0.785	0.518		0.579	2.542
	1.448	0.533		0.597	3.672
	1.24	0.378		0.603	4.26
	0.542	0.48		0.686	4.217
	1.082	0.905		0.741	3.383
	0.824	0.239		0.749	1.912
	1.59	0.979		0.784	1.641
	0.837	1.019		0.892	2.39
	0.905	0.302		0.905	2.343
	1.316	0.579		0.911	2.621
	1.626	0.379		0.979	1.214
	1.416	0.443		1.019	1.003

A															
22RV1	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
FLNA	2217753	2284286	1874001	1820171	2038592	1992650	3122272	3375351	2816377	1221815	1306120	1039642	2126889	2458969	2054647
GADPH	1779378	1814966	1512471	1714996	1766446	1526346	1904546	1975014	1696950	2005154	2114836	1752505	1872487	1951319	1615956
FLNA/GAD	1.246	1.259	1.239	1.061	1.154	1.306	1.639	1.709	1.660	0.609	0.618	0.593	1.136	1.260	1.271
均值	1.248														
归一	0.999	1.008	0.993	0.850	0.925	1.046	1.314	1.369	1.330	0.488	0.495	0.475	0.910	1.010	1.019
DU145	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
FLNA	2141163	2205398	1809283	1884118	2110212	1848603	3072462	3124694	2673042	892749	954349	759640	1941688	2162267	1993152
GADPH	2694828	2748725	2290604	2570621	2647740	2287853	2385581	2473847	2125553	2432210	2565252	2125752	2661948	2774016	2297261
FLNA/GAD	0.795	0.802	0.790	0.733	0.797	0.808	1.288	1.263	1.258	0.367	0.372	0.357	0.729	0.779	0.868
均值	0.796														
归一	0.999	1.008	0.993	0.921	1.001	1.015	1.618	1.587	1.580	0.461	0.467	0.449	0.916	0.979	1.090
B															
22RV1	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
0h	0.113	0.095	0.076	0.137	0.116	0.077	0.081	0.092	0.065	0.1	0.146	0.119	0.131	0.097	0.129
24h	0.255	0.306	0.236	0.323	0.31	0.309	0.235	0.155	0.268	0.456	0.328	0.502	0.32	0.264	0.309
48h	0.481	0.475	0.557	0.54	0.62	0.471	0.305	0.41	0.389	0.897	0.723	0.903	0.591	0.664	0.553
72h	0.901	0.956	0.754	0.956	0.935	1.189	0.405	0.532	0.608	1.476	1.432	1.305	0.838	0.888	1.0887
DU145	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
0h	0.101	0.085	0.069	0.091	0.12	0.116	0.086	0.12	0.114	0.128	0.095	0.073	0.098	0.123	0.119
24h	0.371	0.284	0.25	0.329	0.248	0.358	0.187	0.205	0.288	0.342	0.456	0.412	0.266	0.303	0.269
48h	0.529	0.586	0.717	0.61	0.535	0.511	0.403	0.387	0.328	0.765	0.895	0.906	0.499	0.518	0.438
72h	0.883	0.954	0.84	0.743	0.921	0.852	0.562	0.635	0.687	1.3356	1.368	1.208	1.081	0.922	1.013
C															
22RV1	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
0h	20.035	21.356	20.892	22.036	22.658	23.038	21.865	22.188	22.965	22.034	22.687	23.658	27.532	28.654	29.034
24h	14.326	13.465	13.897	15.032	16.034	14.033	17.865	19.302	20.325	12.876	10.325	11.257	21.638	18.035	20.154
0h-24h	5.709	7.891	6.995	7.004	6.624	9.006	4.000	2.886	2.640	9.158	12.362	12.401	5.894	10.619	8.880
迁移率	0.285	0.369	0.335	0.318	0.292	0.391	0.183	0.130	0.115	0.416	0.545	0.524	0.214	0.371	0.306
%	28.495	36.950	33.482	31.784	29.235	39.090	18.294	13.007	11.496	41.563	54.489	52.418	21.408	37.059	30.585
DU145	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
0h	18.036	19.862	18.892	19.035	18.657	18.235	19.326	20.123	19.894	17.536	18.235	18.697	18.567	19.325	19.671
24h	14.128	13.654	13.033	12.035	12.698	13.521	16.897	17.456	18.324	8.698	6.532	7.258	14.123	13.256	12.057
0h-24h	3.908	6.208	5.860	7.000	5.959	4.714	2.429	2.667	1.570	8.838	11.703	11.439	4.444	6.069	7.614
迁移率	0.217	0.313	0.310	0.368	0.319	0.259	0.126	0.133	0.079	0.504	0.642	0.612	0.239	0.314	0.387
%	21.668	31.256	31.016	36.774	31.940	25.851	12.569	13.251	7.892	50.399	64.179	61.181	23.935	31.405	38.707
D															
22RV1	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
Bax	2353695	2659675	2035946	2248618	2309331	1946179	3525525	3670072	3105988	1410859	1450363	1204874	2069396	2711039	1918677
Bcl-2	1788372	2002977	1591651	1642706	1747839	1429154	915158	946273	801678	2112639	2245735	2389405	1588956	1727195	1439594
GADPH	1297598	1341716	1280729	1269463	1287235	1040265	1359171	1442080	1341502	1188412	1238325	1115919	1041875	1537728	1171028
Bax/GADP	1.814	1.982	1.590	1.771	1.794	1.871	2.594	2.545	2.315	1.187	1.171	1.080	1.986	1.763	1.638
Bcl-2/GAD	1.378	1.493	1.243	1.294	1.358	1.374	0.673	0.656	0.598	1.778	1.814	2.141	1.525	1.123	1.229
Bax均值	1.795														
Bcl-2均值	1.371														
Bax归一	1.010	1.104	0.886	0.987	0.999	1.042	1.445	1.418	1.290	0.661	0.652	0.602	1.107	0.982	0.913
Bcl-2归一	1.005	1.089	0.906	0.944	0.990	1.002	0.491	0.479	0.436	1.297	1.323	1.562	1.112	0.819	0.897
DU145	Empty vector			mimic-NC			FLNA-OE			mimic			OE+mimic		
Bax	1107215	1251153	957741	918976	943788	1095374	1398044	1455364	1531677	552797	568275	472089	1324267	1537126	1008606
Bcl-2	1338776	1499429	1191511	1482328	1077197	1289625	651293	673437	570533	1975356	2099803	1673127	1627215	1551383	1293057
GADPH	1485337	1535838	1466028	1425771	1445732	1392978	1415029	1501346	1396634	1385586	1443781	1301065	1634232	1784581	1523104
Bax/GADP	0.745	0.815	0.653	0.645	0.653	0.786	0.988	0.969	1.097	0.399	0.394	0.363	0.810	0.861	0.662
Bcl-2/GAD	0.901	0.976	0.813	1.040	0.745	0.926	0.460	0.449	0.409	1.426	1.454	1.286	0.996	0.869	0.849
Bax均值	0.738														
Bcl-2均值	0.897														
Bax归一	1.010	1.104	0.885	0.873	0.885	1.066	1.339	1.314	1.486	0.541	0.533	0.492	1.098	1.167	0.897
Bcl-2归一	1.005	1.088	0.906	1.159	0.831	1.032	0.513	0.500	0.455	1.589	1.621	1.434	1.110	0.969	0.946