

Supplementary Table S5. Reactome pathways of Differentially Expressed Genes among Regorafenib treated and controls in Non Responders GB-EXPs samples.

Pathway name	Entities found	Entities Total	Entities ratio	Entities pValue	Entities FDR	Reactions found	Reactions total	Reactions ratio	Non Responders (treated vs ctrl)
Transcriptional Regulation by E2F6	2	46	0.003	1.45E-04	7.22E-03	2	33	0.002	▲▲
Interconversion of nucleotide di- and triphosphates	1	80	0.005	1.45E-04	7.22E-03	2	33	0.002	▲▲
Metabolism of nucleotides	1	256	0.017	1.45E-04	7.22E-03	2	142	0.01	▲▲
Metabolism	2	3.647	0.239	1.45E-04	7.22E-03	6	2.268	0.159	▼
Kinesins	2	68	0.004	2.90E-02	5.16E-01	3	14	0.001	▲
COPI-dependent Golgi-to-ER retrograde traffic	2	107	0.007	2.90E-02	5.16E-01	2	11	0.001	▲
Molybdenum cofactor biosynthesis	1	27	0.002	2.90E-02	5.16E-01	1	6	0	▼
Golgi-to-ER retrograde transport	2	148	0.01	2.90E-02	5.16E-01	2	18	0.001	▲
Intra-Golgi and retrograde Golgi-to-ER traffic	2	219	0.014	2.90E-02	5.16E-01	2	48	0.003	▲
Membrane Trafficking	2	668	0.044	2.90E-02	5.16E-01	2	219	0.015	▲
Vesicle-mediated transport	2	828	0.054	2.90E-02	5.16E-01	2	252	0.018	▲
Metabolism of water-soluble vitamins and cofactors	1	258	0.017	2.90E-02	5.16E-01	1	143	0.01	▼
Metabolism of vitamins and cofactors	1	382	0.025	2.90E-02	5.16E-01	1	205	0.014	▼
Polo-like kinase mediated events	1	23	0.002	4.35E-02	6.01E-01	12	15	0.001	▲
G2/M Transition	2	212	0.014	4.35E-02	6.01E-01	26	78	0.005	▲
Mitotic G2-G2/M phases	2	214	0.014	4.35E-02	6.01E-01	26	80	0.006	▲
Cyclin A/B1/B2 associated events during G2/M transition	1	32	0.002	4.35E-02	6.01E-01	2	25	0.002	▲