

Supplementary Table 3: 114 Gemcitabine Resistance Genes

#	HGNC Symbol	Ensembl Gene
1	BMI1	ENSG00000168283
2	POLD3	ENSG00000077514
3	PARP1	ENSG00000143799
4	ANO1	ENSG00000131620
5	SCEL	ENSG00000136155
6	NET1	ENSG00000173848
7	BNIP3	ENSG00000176171
8	CCDC148	ENSG00000153237
9	SH3RF2	ENSG00000156463
10	CACNA1D	ENSG00000157388
11	AP1M2	ENSG00000129354
12	C4orf19	ENSG00000154274
13	VGLL1	ENSG00000102243
14	INPP4B	ENSG00000109452
15	INSIG2	ENSG00000125629
16	SLC29A1	ENSG00000112759
17	dCK	ENSG00000156136
18	RRM1	ENSG00000167325
19	RRM2	ENSG00000171848
20	TOR1A	ENSG00000136827
21	VIPR1	ENSG00000114812
22	ATP11C	ENSG00000101974
23	MTSS1	ENSG00000170873
24	SAFB	ENSG00000160633
25	RALBP1	ENSG00000017797
26	SMAD2	ENSG00000175387
27	ptk2	ENSG00000169398
28	TRAF6	ENSG00000175104
29	MADD	ENSG00000110514
30	PPP3CB	ENSG00000107758
31	TSC1	ENSG00000165699
32	STAT5A	ENSG00000126561
33	SOCS5	ENSG00000171150
34	JADE3	ENSG00000102221
35	PIK3C3	ENSG00000078142
36	UNC13B	ENSG00000198722
37	MAP3K7	ENSG00000135341
38	LTBP1	ENSG00000049323
39	ITGA9	ENSG00000144668
40	GNAQ	ENSG00000156052
41	KAT6A	ENSG00000083168

42 SKIP	ENSG00000100603
43 C5	ENSG00000106804
44 PPP1R15A	ENSG00000087074
45 LRP3	ENSG00000130881
46 SLC9A3	ENSG00000066230
47 SAC3D1	ENSG00000168061
48 SLC25A51	ENSG00000122696
49 SEMA5A	ENSG00000112902
50 ELN	ENSG00000049540
51 ZC3H11A	ENSG00000058673
52 OGT	ENSG00000147162
53 WAPL	ENSG00000062650
54 UAP1	ENSG00000117143
55 INPP5E	ENSG00000148384
56 HECA	ENSG00000112406
57 RPS21	ENSG00000171858
58 PCSK7	ENSG00000160613
59 SEC23B	ENSG00000101310
60 OGA	ENSG00000198408
61 LTV1	ENSG00000135521
62 HAGH	ENSG00000063854
63 LAMP2	ENSG00000005893
64 NFKBIB	ENSG00000104825
65 AKT1	ENSG00000142208
66 MAPK1	ENSG00000100030
67 HIF1A	ENSG00000100644
68 SHH	ENSG00000164690
69 PI3KCB	ENSG00000051382
70 MAP3K10	ENSG00000130758
71 ABCG2	ENSG00000118777
72 ALDH1A1	ENSG00000165092
73 CD24	ENSG00000272398
74 FZD	No data available
75 DLV1	ENSG00000107404
76 APC	ENSG00000134982
77 GSK3A	ENSG00000105723
78 AXIN2	ENSG00000168646
79 NLK	ENSG00000087095
80 NFAM1	ENSG00000235568
81 WNT5A	ENSG00000114251
82 ZEB1	ENSG00000148516
83 AXIN1	ENSG00000103126
84 DLL1	ENSG00000198719

85	JAG1	ENSG00000101384
86	CSNK1A1	ENSG00000113712
87	SNAIL	No data available
88	WNT2	ENSG00000105989
89	PDGFRA	ENSG00000134853
90	CD44	ENSG00000026508
91	MET	ENSG00000105976
92	JAG2	ENSG00000184916
93	DLL3	ENSG00000090932
94	DLL4	ENSG00000128917
95	NOTCH1	ENSG00000148400
96	NOTCH2	ENSG00000134250
97	NOTCH3	ENSG00000074181
98	NOTCH4	ENSG00000204301
99	IHH	ENSG00000163501
100	PTCH1	ENSG00000185920
101	PTCH2	ENSG00000117425
102	SMO	ENSG00000128602
103	GLI1	ENSG00000111087
104	GLI2	ENSG00000074047
105	GLI3	ENSG00000106571
106	CTNNB1	ENSG00000168036
107	WNT1	ENSG00000125084
108	FZD5	ENSG00000163251
109	FZD4	ENSG00000174804
110	FZD6	ENSG00000164930
111	FZD8	ENSG00000177283
112	SNAI1	ENSG00000124216
113	SNAI2	ENSG00000019549
114	SNAI3	ENSG00000185669