

Supplemental Table 4. Differentially expressed human transcript isoforms in the 231^{Luc+} tumors implanted in SS.BN3^{IL2Ry} and SS^{IL2Ry} rats.

Gene Symbol	Transcript ID	Chromosome	Position		Transcript Abundance*				Fold Change (Log2)	FDR
			Start	End	SS ^{IL2Ry}	SD	SSBN3 ^{IL2Ry}	SD		
ADD3	NM_0011121.2	chr10	110,133,325	110,135,565	663	74	1214	180	0.8	0.002
ADD3	NM_019903.3	chr10	110,133,325	110,135,565	363	130	73	35	-1.6	0.002
ADD3	XM_005269531.2	chr10	110,133,325	110,135,565	57	17	7	6	-1.4	0.025
AMT	NM_000481.3	chr3	49,416,777	49,417,718	174	48	75	6	-1.0	0.022
ANKRD12	XM_005258096.1	chr18	9,280,940	9,283,766	127	50	539	366	1.3	0.040
ANKS3	XM_005255121.2	chr16	4,696,510	4,696,896	75	7	23	9	-1.3	0.019
AP3B1	XM_005248619.2	chr5	78,087,453	78,087,667	1	1	20	8	1.2	0.074
C18orf54	NM_001288981.1	chr18	54,378,173	54,382,035	85	19	14	9	-1.4	0.032
C1orf85	NM_001256608.1	chr1	156,292,686	156,293,209	20	3	53	9	1.1	0.054
CA9	XM_006716868.1	chr9	35,680,112	35,680,358	0	0	13	5	1.2	0.091
CAMKK2	NM_001270486.1	chr12	121,237,691	121,240,542	218	79	59	20	-1.4	0.004
CCDC90B	NM_001286116.1	chr11	83,259,092	83,261,966	92	27	34	9	-1.1	0.099
CCT4	NM_001256721.1	chr2	61,868,126	61,868,706	284	73	129	19	-1.0	0.022
CD99L2	NM_134445.3	chrX	150,766,335	150,769,101	84	72	3	3	-1.4	0.022
CLCC1	NM_001278203.1	chr1	108,929,507	108,932,501	55	47	1	1	-1.3	0.033
CLEC2D	NM_013269.5	chr12	9,694,759	9,699,555	54	9	11	6	-1.4	0.022
CNPPD1	XM_006712419.1	chr2	219,171,896	219,173,128	1	1	19	4	1.5	0.008
CRLS1	XM_005260737.2	chr20	6,037,073	6,040,072	162	58	44	16	-1.4	0.004
CTBP2	XM_006717642.1	chr10	124,988,315	124,989,698	3	1	25	16	1.3	0.056
DDX11	XM_006719053.1	chr12	31,103,576	31,104,799	154	53	52	16	-1.2	0.033
DHFR	XM_005248455.2	chr5	80,626,854	80,629,165	20	6	177	160	1.3	0.060
DHRS4L2	NM_198083.3	chr14	24,005,885	24,006,408	97	12	21	13	-1.3	0.063
EIF6	NM_001267810.1	chr20	35,278,905	35,279,206	1641	202	659	311	-1.0	0.068
FAM179B	NM_015091.2	chr14	45,073,295	45,074,431	148	34	30	12	-1.7	0.000
GPS1	NM_212492.1	chr17	82,057,052	82,057,470	155	21	78	14	-0.9	0.054
GSE1	XM_005255862.1	chr16	85,672,404	85,676,200	68	16	8	7	-1.7	0.001
GULP1	XM_006712585.1	chr2	188,593,939	188,595,926	4	4	49	21	1.4	0.037
HDX	XR_244472.1	chrX	84,317,877	84,319,235	0	0	19	6	1.6	0.004
HGS	XM_005257794.1	chr17	81,701,507	81,702,121	1287	54	675	106	-0.9	0.000
HMGXB4	XM_006724101.1	chr22	35,293,606	35,295,807	3	2	29	6	1.5	0.008
HNRNPA3	XM_005246382.1	chr2	177,219,407	177,221,332	28	9	155	76	1.6	0.003
HP1BP3	NM_016287.3	chr1	20,742,677	20,745,091	2267	360	1431	170	-0.6	0.099
IFT27	XM_006724106.1	chr22	36,758,210	36,758,409	14	5	0	0	-1.3	0.037
KCTD20	NM_001286579.1	chr6	36,486,882	36,491,143	399	123	83	51	-1.4	0.022
KCTD9	XM_005273545.1	chr8	25,427,846	25,429,973	433	149	140	68	-1.2	0.076
KRBOX4	NM_017776.2	chrX	46,472,749	46,474,639	83	21	190	40	1.0	0.074
LDHB	NM_001174097.1	chr12	21,635,340	21,635,709	1	1	21	8	1.4	0.029
LOC102723859	XM_006722254.1	chr17	38,137,984	38,138,868	12	3	0	0	-1.2	0.079
MBNL1	XM_005247477.2	chr3	152,462,384	152,465,780	136	32	60	11	-1.0	0.063
MEF2C	XM_006714622.1	chr5	88,718,240	88,722,925	2	2	33	11	1.5	0.008
MLH3	NM_014381.2	chr14	75,013,763	75,017,201	49	10	109	7	1.0	0.022
MSANTD2	XM_005271674.1	chr11	124,774,803	124,774,818	24	11	1	1	-1.4	0.022
MTHFSD	NM_001159379.1	chr16	86,530,175	86,532,481	52	15	165	61	1.2	0.037
MTMR2	XM_005274374.1	chr11	95,832,879	95,835,451	426	57	182	29	-1.1	0.000
MTR	XM_005273143.2	chr1	236,897,557	236,903,933	83	18	184	35	1.0	0.026
PARP16	XM_006720592.1	chr15	65,258,098	65,259,545	60	41	3	2	-1.6	0.004
PGAP2	XM_006718185.1	chr11	3,825,327	3,826,357	0	0	26	22	1.2	0.063
PICALM	XM_005274330.1	chr11	85,957,578	85,959,060	66	9	26	5	-1.1	0.049
PLEKHG5	NM_001042663.1	chr1	6,466,091	6,467,572	15	6	51	9	1.2	0.049
PLSCR4	NM_001128304.1	chr3	146,192,334	146,194,455	1	2	48	24	1.9	0.000
POLR1B	NM_001282777.1	chr2	112,574,846	112,577,153	53	16	9	5	-1.4	0.033
PPP6R1	NM_014931.3	chr19	55,229,778	55,230,531	483	48	805	143	0.7	0.074
RELA	NM_001243985.1	chr11	65,653,595	65,654,509	2	1	28	16	1.4	0.035
RNASE4	NM_194431.2	chr14	20,699,354	20,700,602	0	0	52	25	2.3	0.000
SERPINB6	XM_006715112.1	chr6	2,948,158	2,948,699	120	16	47	14	-1.1	0.022
SETD2	XM_006713120.1	chr3	47,016,430	47,017,254	14	2	48	13	1.3	0.022
SLC12A9	XM_005250503.1	chr7	100,865,718	100,867,012	277	108	40	27	-1.6	0.002
SLC22A18	NM_183233.2	NT_187585.1	157,125	157,362	9	6	52	7	1.3	0.043
SLIT2	NM_001289135.1	chr4	20,618,767	20,620,561	252	37	89	22	-1.3	0.000
SPAG1	NM_172218.2	chr8	100,240,890	100,241,904	387	71	202	35	-0.8	0.033
SPAG1	XM_006716619.1	chr8	100,240,890	100,241,904	132	60	323	33	1.0	0.063
STEAP3	XM_006712613.1	chr2	119,263,056	119,265,652	500	156	242	26	-0.9	0.091
SYNJ2	NM_001178088.1	chr6	158,095,617	158,099,176	148	88	478	157	1.2	0.081
TCF19	XR_430937.1	NT_167245.2	2,425,605	2,425,757	1	1	32	23	1.4	0.015

TXN	NM_001244938.1	chr9	110,243,811	110,244,219	1	1	22	12	1.2	0.076
UBE2F	NR_103498.1	chr2	238,041,287	238,042,782	206	26	121	6	-0.7	0.056
WDR60	XM_005249550.1	chr7	158,945,580	158,946,192	1	1	185	116	2.3	0.000
YY1AP1	NM_001198900.1	chr1	155,659,441	155,660,913	40	7	92	20	1.0	0.067
ZC3H14	XM_005268067.2	chr14	88,611,744	88,612,994	304	30	138	53	-0.9	0.091

*Average values from 231^{Luc+} tumors implanted in SS.BN3^{IL2Ry} (n=4) and SS^{IL2Ry} (n=4) rats. SD, standard deviation; FDR, false discovery rate