

Gene Name	Capture # Before/After	Gene Abbreviation	RefSeq	Dog	Distance (bp)
Myelodysplasia syndrome 1	0.5/1	MDS1	NM_004991	G069	123367
potassium channel tetramerisation domain containing 2	1/ <b><u>15.25</u></b>	KCTD2	NM_015353	G069	142652
S-antigen; retina and pineal gland (arrestin)	4/7	SAG	NM_000541	G154	180391
kinase insert domain receptor (a type III receptor tyrosine kinase)	1/3	KDR	NM_002253	G179	188044
xeroderma pigmentosum complementation group A	<b><u>13</u></b> /9	XPA	NM_000380	G154	260058
nascent-polypeptide-associated complex alpha polypeptide	<b><u>9</u></b> /1	NACA	NM_005594	G069	417905
thousand and one amino acid protein kinase	0.5/3	TAOK2	NM_004783	G179	427359
homeo box A7	5/5	HOXA7	NM_006896	G154	528631
calcium/calmodulin-dependent protein kinase kinase 2 beta	1/2	CAMKK2	NM_006549	G179	604594
likely ortholog of mouse gene trap locus 3	4.25/7.5	GTL3	NM_013242	G197	747194
DnaJ (Hsp40) homolog subfamily C member 9	0.5/ <b><u>18.25</u></b>	DNAJC9	NM_015190	G154	806608
smoothened homolog (Drosophila)	1/ <b><u>15.75</u></b>	SMO	NM_005631	G069	1135723
clathrin heavy polypeptide-like 1	2/4	CLTCL1	NM_001835	G197	1271834
high mobility group AT-hook 1	5/1	HMGA1	NM_002131	G197	2133480
GNAS complex locus	3/1	GNAS	NM_000516	G197	2272606
Werner syndrome	1/1	WRN	NM_000553	G069	2355959
protein kinase cAMP-dependent regulatory type I alpha (tissue specific extinguisher 1)	<b><u>6.5</u></b> /1	PRKAR1A	NM_002734	G179	2968213
BCL2-like 1	3/1	BCL2L1	NM_001191	G154	4419781
transcription factor 12 (HTF4 helix-loop-helix transcription factors 4)	<b><u>19.75</u></b> /1	TCF12	NM_003205	G179	5787597

Bold underline value in 'Capture # Before/After' column denotes a top ten 10% most frequently captured RIS from supplemental table 2 and 3 either before chemotherapy or after chemotherapy