Supplemental Figure 2

UNTREATED-HUM gene list

- Feline leukemia virus subgroup C cellular receptor (FLVCR2)
- TAF6 RNA polymerase II, TATA box binding protein, 100kDa (TAF6)
- ATPhase family, AAA domain containing 5 (ATARS5)
- X-ray repair cross complementing 1 (XRCC1)
- mediator complex subunit 14 (MED14)
- kinesin family member 20B (KIF20B)
- DEK oncogene (DEK)
- inner centromere protein antigens 125/155kDa (INCENP)
- metS homolog 6 (E. coli) (MSH6)
- trefoil factor protein FRS514 (CFRPN)
- structural maintenance of chromosomes 2 (SMC2)
- EZF transcription factor 8 (E2F8)
- centromere protein E, 312kDa (CENPE)
- RSPC150 protein similar to ubiquitin-conjugating enzyme (RSPC150)
- denticleless homolog (Brachyphila) (DITL)
- high-mobility group box 2 (HMG2)
- minichromosome maintenance complex component 6 (MCM6)
- centromere protein 1 (CENP1)
- zinc finger protein 257 (ZNF257)
- structural maintenance of chromosomes 4 (SMC4)
- minichromosome maintenance complex component 4 (SCM4)
- BEAM (Asp-Glu-Ala-His) box polypeptide 9 (DBD9)
- EZF transcription factor 5 (E2F5)
- zinc finger protein 311 (ZNF311)
- serine/arginine-rich splicing factor 7 (SRSF7)
- structural maint. of chromosomes flexible hinge domain 1 (SMCHD1)
- serine/threonine protein kinase MST4 (MST4)
- Ceroideremia-like (Rub escort protein 2) (CRML)
- PC1 and SFP51 interacting protein 1 (PSIP1)
- PAS domain containing serine/threonine kinase (PASK)

RESP-HUM gene list

- glutathione S-transferase mu 3 (Gstm3)
- glutathione S-transferase mu 1 (Gst1)
- glutathione S-transferase mu 4 (Gstm4)
- complement component 4B (Chido blood group) (C4b)
- metastasis associated lung adenocarcinoma 1 (Malat1)
- RNA binding motif, single stranded interacting (Rhms3)
- apolipoprotein D (Apol)
- fibrin 1 (Fbrn1)
- RNA binding motif, single stranded interacting (Rhms3)
- C-type lectin domain family 3, member B (Clec3b)
- thyroid hormone responsive (SPT4 homolog) (Thrsp)
- diacylglycerol O-acyltransferase homolog 2 (Dgat2)
- acetyl-CoA:Acyl-CoA carboxylase beta (Acab)
- interleukin 11 receptor, alpha (II1r)
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