

Supplemental Table 1. The prediction of HCS, RO2 and their combination for a total of 70 drugs tested by rat primary hepatocytes based assays

<b>Compounds</b>	<b>Human DILI</b>	<b>HCS prediction</b>	<b>RO2</b>	<b>RO2-HCS</b>
acitretin	DILI Positive	Positive	Negative	Positive
amiodarone	DILI Positive	Positive	Positive	Positive
chlorpromazine	DILI Positive	Positive	Positive	Positive
cyclosporine	DILI Positive	Positive	Positive	Positive
nefazodone	DILI Positive	Positive	Positive	Positive
nomifensine	DILI Positive	Positive	Negative	Positive
tamoxifen	DILI Positive	Positive	Negative	Positive
zafirlukast	DILI Positive	Positive	Negative	Positive
cisplatin	DILI Positive	Negative	Negative	Positive
naltrexone	DILI Positive	Negative	Negative	Negative
progesterone	DILI Positive	Negative	Positive	Positive
azathioprine	DILI Positive	Negative	Negative	Negative
busulfan	DILI Positive	Negative	Negative	Negative
clonidine	DILI Positive	Negative	Negative	Negative
cyclofenil	DILI Positive	Negative	Positive	Positive
flutamide	DILI Positive	Negative	Negative	Negative
mebendazole	DILI Positive	Negative	Positive	Positive
methotrexate	DILI Positive	Negative	Negative	Negative
moxisylyte	DILI Positive	Negative	Positive	Positive
nifedipine	DILI Positive	Negative	Negative	Negative
verapamil	DILI Positive	Negative	Positive	Positive
bambuterol	DILI Negative	Negative	Negative	Negative
biotin	DILI Negative	Negative	Negative	Negative
buspirone	DILI Negative	Negative	Negative	Negative
hydrocortisone	DILI Negative	Negative	Negative	Negative
isoproterenol	DILI Negative	Negative	Negative	Negative
loratadine	DILI Negative	Negative	Negative	Negative
oxyphenonium	DILI Negative	Negative	Negative	Negative
physostigmine	DILI Negative	Negative	Negative	Negative
pinacidil	DILI Negative	Negative	Negative	Negative
propranolol	DILI Negative	Negative	Negative	Negative
pyridoxine	DILI Negative	Negative	Negative	Negative
scopolamine	DILI Negative	Negative	Negative	Negative
cromoglicic acid	DILI Negative	Negative	Negative	Negative
cyanocobalamin	DILI Negative	Negative	Negative	Negative
daunorubicin	DILI Negative	Negative	Negative	Negative
flumazenil	DILI Negative	Negative	Negative	Negative
miconazole	DILI Negative	Negative	Positive	Positive
acetaminophen	DILI Positive	Positive	Negative	Positive
carbamazepine	DILI Positive	Positive	Negative	Positive
carboplatin	DILI Positive	Positive	Negative	Positive
chlorpropamide	DILI Positive	Positive	Negative	Positive
clofibrate	DILI Positive	Positive	Positive	Positive
cyclophosphamide	DILI Positive	Positive	Negative	Positive
hydroxyurea	DILI Positive	Positive	Negative	Positive
ifosfamide	DILI Positive	Positive	Negative	Positive
sulindac	DILI Positive	Positive	Positive	Positive
tolbutamide	DILI Positive	Positive	Negative	Positive

valproic acid	DILI Positive	Positive	Negative	Positive
spironolactone	DILI Positive	Negative	Negative	Negative
fenofibrate	DILI Positive	Negative	Positive	Positive
penicillin g	DILI Positive	Negative	Negative	Negative
allopurinol	DILI Positive	Negative	Negative	Negative
phenytoin	DILI Positive	Negative	Negative	Negative
captopril	DILI Positive	Negative	Negative	Negative
chlormezanone	DILI Positive	Negative	Negative	Negative
sulfamethoxazole	DILI Positive	Negative	Negative	Negative
propylthiouracil	DILI Positive	Negative	Negative	Negative
dacarbazine	DILI Positive	Negative	Negative	Negative
felbamate	DILI Positive	Negative	Negative	Negative
niacin	DILI Positive	Negative	Negative	Negative
stavudine	DILI Positive	Negative	Negative	Negative
zidovudine	DILI Positive	Negative	Negative	Negative
isoniazid	DILI Positive	Negative	Negative	Negative
indinavir	DILI Positive	Negative	Positive	Positive
phenacetin	DILI Positive	Negative	Negative	Negative
vitamin c	DILI Negative	Negative	Negative	Negative
theophylline	DILI Negative	Negative	Negative	Negative
aspirin	DILI Negative	Negative	Negative	Negative
citric acid	DILI Negative	Negative	Negative	Negative

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