

gene_name	up_pv	down_pv	significant
A ca 04 2009 4daymoi-10 ³ none gse37569	0.43404	0.17489	FALSE
A ca 04 2009 4daymoi-10 ⁴ none gse37569	0.23913	0.51457	FALSE
A ca 04 2009 4daymoi-10 ⁵ none gse37569	0.49367	0.34033	FALSE
A ca 04 2009 4daymoi-10 ⁶ none gse37569	0.11557	0.33647	FALSE
A ca 04 2009 7daymoi-10 ³ none gse37569	0.34868	0.39306	FALSE
A ca 04 2009 7daymoi-10 ⁴ none gse37569	0.43153	0.47198	FALSE
A ca 04 2009 7daymoi-10 ⁵ none gse37569	0.35887	0.48582	FALSE
A ca 04 2009 7daymoi-10 ⁶ none gse37569	0.11662	0.07029	FALSE
A-ca-04-2009(h1n1) 0hour 23935999 gse47960	0.4089	0.0031	FALSE
A-ca-04-2009(h1n1) 0hour 23935999 gse47961	0.35887	0.07667	FALSE
A-ca-04-2009(h1n1) 0hour 23935999 gse47962	0.12706	0.02401	FALSE
A-ca-04-2009(h1n1) 0hour none gse37571	0.24497	0.16273	FALSE
A-ca-04-2009(h1n1) 0hour none gse40844	0.05015	0.36747	FALSE
A-ca-04-2009(h1n1) 12hour 23935999 gse47960	0.20072	0.0647	FALSE
A-ca-04-2009(h1n1) 12hour 23935999 gse47961	0.36071	0.00682	FALSE
A-ca-04-2009(h1n1) 12hour 23935999 gse47962	0.06125	0.31848	FALSE
A-ca-04-2009(h1n1) 12hour none gse37571	0.19451	0.03377	FALSE
A-ca-04-2009(h1n1) 12hour none gse40844	1	0.35879	FALSE
A-ca-04-2009(h1n1) 18hour 23935999 gse47960	0.24157	0.11654	FALSE
A-ca-04-2009(h1n1) 18hour 23935999 gse47962	0.39159	0.03389	FALSE
A-ca-04-2009(h1n1) 18hour none gse37571	0.09165	0.04858	FALSE
A-ca-04-2009(h1n1) 24hour 23935999 gse47960	0.05945	0.04396	FALSE
A-ca-04-2009(h1n1) 24hour 23935999 gse47961	0.18677	0.06008	FALSE
A-ca-04-2009(h1n1) 24hour 23935999 gse47962	0.49275	0.08283	FALSE
A-ca-04-2009(h1n1) 24hour none gse37571	0.20072	0.04396	FALSE
A-ca-04-2009(h1n1) 24hour none gse40844	0.48276	0.46905	FALSE
A-ca-04-2009(h1n1) 30hour none gse37571	0.35887	0.06224	FALSE
A-ca-04-2009(h1n1) 36hour 23935999 gse47960	0.26333	0.05361	FALSE
A-ca-04-2009(h1n1) 36hour 23935999 gse47961	0.07614	0.06258	FALSE
A-ca-04-2009(h1n1) 36hour 23935999 gse47962	0.1966	0.03945	FALSE
A-ca-04-2009(h1n1) 36hour none gse37571	0.43153	0.0113	FALSE
A-ca-04-2009(h1n1) 3hour none gse37571	0.36337	0.29491	FALSE
A-ca-04-2009(h1n1) 48hour 23935999 gse47960	0.09165	0.00841	FALSE
A-ca-04-2009(h1n1) 48hour 23935999 gse47961	0.35648	0.46457	FALSE
A-ca-04-2009(h1n1) 48hour 23935999 gse47962	0.35666	0.21585	FALSE
A-ca-04-2009(h1n1) 48hour none gse37571	0.2663	0.07024	FALSE
A-ca-04-2009(h1n1) 48hour none gse40844	0.67516	0.02661	FALSE
A-ca-04-2009(h1n1) 4day-ripk3ko none gse51526	0.11296	0.01445	FALSE
A-ca-04-2009(h1n1) 6hour 23935999 gse47960	0.34868	0.08658	FALSE
A-ca-04-2009(h1n1) 6hour 23935999 gse47961	0.05474	0.03615	FALSE
A-ca-04-2009(h1n1) 6hour 23935999 gse47962	0.1455	0.07694	FALSE
A-ca-04-2009(h1n1) 7hour none gse37571	0.19807	0.26287	FALSE

A-ca-04-2009(h1n1) day1 22532695 gse36328	0.49495	0.12447	FALSE
A-ca-04-2009(h1n1) day3 22532695 gse36328	0.4898	0.07694	FALSE
A-ca-04-2009(h1n1)ma day1 22532695 gse36328	0.49438	0.12037	FALSE
A-ca-04-2009(h1n1)ma day3 22532695 gse36328	0.02707	0.04459	FALSE
A-netherlands-602-2009(h1n1) 0hour none gse408	0.1084	0.43891	FALSE
A-netherlands-602-2009(h1n1) 12hour none gse408	0.48276	0.64223	FALSE
A-netherlands-602-2009(h1n1) 18hour none gse408	1	0.28131	FALSE
A-netherlands-602-2009(h1n1) 24hour none gse408	0.48276	0.31479	FALSE
A-netherlands-602-2009(h1n1) 30hour none gse408	1	0.17987	FALSE
A-netherlands-602-2009(h1n1) 36hour none gse408	0.15951	0.03389	FALSE
A-netherlands-602-2009(h1n1) 3hour none gse408	0.30587	0.75237	FALSE
A-netherlands-602-2009(h1n1) 48hour none gse408	0.23469	0.3751	FALSE
A-netherlands-602-2009(h1n1) 7hour none gse408	0.06253	1	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1) 24hour nor	0.1572	0.50048	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1) 7hour none	0.31479	0.18719	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.11872	0.26471	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.02214	0.41176	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.11397	0.44973	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.20277	0.56718	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.49153	0.42699	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb1-f2c	0.23913	0.74753	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.05628	0.05906	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.24157	0.52725	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.02707	0.0938	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.20277	0.10334	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.11483	0.09549	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)mutpb2-62	0.02998	0.38685	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 1	0.49275	0.41743	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 1	0.11421	0.48897	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 2	0.16294	0.41311	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 2	0.12843	0.77613	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 4	0.05732	0.04328	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 4	0.19807	0.31695	FALSE
A-vietnam-1203 cip048 rg3-2004(h5n1)pb1-f2del 7	0.35648	0.11654	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)haavirmut 10	0.20072	0.1273	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)haavirmut 2	0.20277	0.10551	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)haavirmut 4	0.20683	0.00873	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)haavirmut 7	0.36218	0.77872	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc 12	0.61195	0.77102	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc 18	0.05945	0.33188	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc 24	0.20611	0.19187	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc 3h	0.11921	0.5223	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc 7h	0.10986	0.77751	FALSE

A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	0.36071	0.39306	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	1	0.28818	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	0.31093	0.30297	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	1	0.19232	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	0.23729	0.51891	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	1	0.0596	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	0.27216	0.38685	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)ns1trunc12	0.61532	0.18903	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)pb2-627e 1	0.23913	0.50048	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)pb2-627e 2	0.05015	0.60581	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)pb2-627e 4	0.16634	0.80752	FALSE
A-vietnam-1203 cip048 rg4-2004(h5n1)pb2-627e 7	0.26866	0.81123	FALSE
A-vietnam-1203-2004(h5n1) 0hour 21865398 gse2	0.20277	0.21653	FALSE
A-vietnam-1203-2004(h5n1) 12hour 21865398 gse	0.20683	0.15806	FALSE
A-vietnam-1203-2004(h5n1) 18hour 21865398 gse	0.15951	0.30084	FALSE
A-vietnam-1203-2004(h5n1) 24hour 21865398 gse	0.27216	0.14317	FALSE
A-vietnam-1203-2004(h5n1) 24hour none gse4320	0.01318	0.29075	FALSE
A-vietnam-1203-2004(h5n1) 2day-ido1ko none gse	0.19807	0.79611	FALSE
A-vietnam-1203-2004(h5n1) 2day-tnfrsf1bko none	0.0556	0.23541	FALSE
A-vietnam-1203-2004(h5n1) 2day-wtc57bl-6j none	0.1543	0.35648	FALSE
A-vietnam-1203-2004(h5n1) 3hour 21865398 gse2	0.11746	0.52019	FALSE
A-vietnam-1203-2004(h5n1) 7hour 21865398 gse2	0.61532	0.30084	FALSE
A-vietnam-1203-2004(h5n1) 7hour none gse43204	0.65134	1	FALSE
A-vn-1203-2004(h5n1) day1-10^2pfu 22074594 gse	0.60921	0.01541	FALSE
A-vn-1203-2004(h5n1) day1-10^3pfu 22074594 gse	0.19451	0.16238	FALSE
A-vn-1203-2004(h5n1) day1-10^4pfu 22074594 gse	0.65134	0.41176	FALSE
A-vn-1203-2004(h5n1) day2-10^2pfu 22074594 gse	0.36071	0.27515	FALSE
A-vn-1203-2004(h5n1) day2-10^3pfu 22074594 gse	0.35887	0.48137	FALSE
A-vn-1203-2004(h5n1) day2-10^4pfu 22074594 gse	0.20277	0.35879	FALSE
A-vn-1203-2004(h5n1) day4-10^2pfu 22074594 gse	0.4898	0.42381	FALSE
A-vn-1203-2004(h5n1) day4-10^3pfu 22074594 gse	0.42381	0.74805	FALSE
A-vn-1203-2004(h5n1) day4-10^4pfu 22074594 gse	0.35326	0.48012	FALSE
A-vn-1203-2004(h5n1) day7-10^2pfu 22074594 gse	0.4845	0.07382	FALSE
A-vn-1203-2004(h5n1) day7-10^3pfu 22074594 gse	0.04161	0.42699	FALSE
Arenaviridae	0.02452	0.15519	FALSE
Coronaviridae	0.6671	0.004	FALSE
Csars bat srbd 0hour none gse37827	0.49367	0.34792	FALSE
Csars bat srbd 12hour none gse37827	0.61643	0.14816	FALSE
Csars bat srbd 24hour none gse37827	0.61389	0.13895	FALSE
Csars bat srbd 30hour none gse37827	0.36071	0.48012	FALSE
Csars bat srbd 36hour none gse37827	0.1966	0.60421	FALSE
Csars bat srbd 48hour none gse37827	0.23469	0.49389	FALSE
Csars bat srbd 54hour none gse37827	0.19451	0.25371	FALSE

Csars bat srbd 60hour none gse37827	0.02555	0.15972	FALSE
Csars bat srbd 72hour none gse37827	0.18946	0.38806	FALSE
Cvb3 30min-infection none gse697	0.13947	0.05794	FALSE
Cvb3 3hour-infection none gse697	0.17138	0.01344	FALSE
Cvb3 9hour-infection none gse697	0.18069	0.04961	FALSE
Cvb3 9hour-infection+u0126 none gse697	0.20434	0.20315	FALSE
Dhori virus 12hour 20090954 gse17400	0.00778	0.26533	FALSE
Dhori virus 24hour 20090954 gse17400	0.10603	0.02928	FALSE
Dhori virus 48hour 20090954 gse17400	0.0216	0.02231	FALSE
Ebolavirus(ebov) 1day pbmcs 17725815 gse8317	0.49495	0.04439	FALSE
Ebolavirus(ebov) 1day splenocytes 19683682 gse17	0.20611	0.17987	FALSE
Ebolavirus(ebov) 2day pbmcs 17725815 gse8317	0.32552	0.01023	FALSE
Ebolavirus(ebov) 3day pbmcs 17725815 gse8317	0.36218	0.02237	FALSE
Ebolavirus(ebov) 3day splenocytes 19683682 gse17	0.05856	0.34442	FALSE
Ebolavirus(ebov) 5day pbmcs 17725815 gse8317	0.61731	0.02023	FALSE
Ebolavirus(ebov) 5day splenocytes 19683682 gse17	0.0652	0.22218	FALSE
Ebolavirus(ebov) 6day pbmcs 17725815 gse8317	0.49495	0.00164	FALSE
Ebolavirus(ebov) 7day splenocytes 19683682 gse17	0.36071	0.21653	FALSE
Ebolavirus(zebov) 1day liver none gse57214	1	0.03766	FALSE
Ebolavirus(zebov) 1day spleen none gse57214	0.09374	0.03314	FALSE
Ebolavirus(zebov) 1hr macrophage 22028943 gse31	0.27058	0.09517	FALSE
Ebolavirus(zebov) 3day liver none gse57214	0.48276	0.29117	FALSE
Ebolavirus(zebov) 3day pbmcs rnapc2treated 21987	0.35887	0.48012	FALSE
Ebolavirus(zebov) 3day spleen none gse57214	0.26866	0.0647	FALSE
Ebolavirus(zebov) 5day liver none gse57214	0.2663	0.17507	FALSE
Ebolavirus(zebov) 5day spleen none gse57214	0.24051	0.06224	FALSE
Ebolavirus(zebov) 6day pbmcs rhapctreated 21987	1	0.41176	FALSE
Ebolavirus(zebov) 6day pbmcs rnapc2treated 21987	0.0748	0.15806	FALSE
Ebolavirus(zebov) 6hr macrophage 22028943 gse31	0.10603	0.08658	FALSE
Ebolavirus(zebov) 7day pbmcs rnapc2treated 21987	0.1572	0.50048	FALSE
Enterovirus 71 4hour none gse15323	0.07131	1	FALSE
Enterovirus 71 8hour none gse15323	0.34868	0.74105	FALSE
Epstein-barr virus akata bl clone-4hr starve none gse	0.02041	0.08594	FALSE
Filoviridae	0.09759	0.09165	FALSE
Flaviviridae	0.00642	0.32027	FALSE
General	0.11665	0.00053	FALSE
Hcmv 24hour 20173022 gse17948	0.2663	0.01877	FALSE
Hcmv 24hour-ag pretreatment 20173022 gse17948	0.11089	0.12592	FALSE
Hcmv 24hour-anti egfr treatment 20173022 gse179	0.07614	0.00889	FALSE
Hcmv 24hour-infection only 21084488 gse24238	0.02473	0.07046	FALSE
Hcmv 24hour-infection+pp2 21084488 gse24238	0.0711	0.15444	FALSE
Hcmv 4hour 20173022 gse11408	0.16719	0.03847	FALSE
Hcmv tb40e 24hour 19951172 gse14816	0.05825	0.08309	FALSE

Hcov-emc2012 0hour 23631916 gse45042	0.69476	0.22218	FALSE
Hcov-emc2012 24hour 23631916 gse45042	0.02476	0.04396	FALSE
Hcov-emc2012 3hour 23631916 gse45042	0.19972	0.05283	FALSE
Hcov-emc2012 7hour 23631916 gse45042	0.1084	0.12748	FALSE
Hcv jfh-1 12hour 20200238 gse20948	0.23729	0.17987	FALSE
Hcv jfh-1 18hour 20200238 gse20948	0.12124	0.42957	FALSE
Hcv jfh-1 24hour 20200238 gse20948	0.05219	0.03389	FALSE
Hcv jfh-1 48hour 20200238 gse20948	0.02438	0.01982	FALSE
Hcv jfh1 120hour-huh7 5 1 none gse29889	0.05901	0.05385	FALSE
Hcv jfh1 168hour-huh7 none gse29889	0.43153	0.13985	FALSE
Hcv jfh1 96hour-huh7 5 1c2 none gse29889	0.20277	0.03945	FALSE
Hcv 8week-no ifn-a none gse37715	0.49153	0.51448	FALSE
Hcv 8week+ifn-a none gse37715	1	0.14883	FALSE
Hepc1	1	1	FALSE
Herpesviridae	0.01875	0.00163	FALSE
Hev 60day none gse53731	0.49275	0.33821	FALSE
Hhv-8 72hour 18587055 gse6489	0.35326	0.01865	FALSE
Hhv8 72hour-bec 20080955 gse16354	0.03158	0.39306	FALSE
Hhv8 72hour-lec 20080955 gse16354	0.15055	0.12592	FALSE
Hiv infected-mdc none gse42058	0.48697	0.5856	FALSE
Hiv-1 lai 12hour-uv treatment none gse56484	0.34868	0.4962	FALSE
Hmpv 12hour 18234263 gse8961	0.61195	0.18523	FALSE
Hmpv 24hour 18234263 gse8961	0.1084	0.10551	FALSE
Hmpv 48hour 18234263 gse8961	0.0556	0.19749	FALSE
Hmpv 6hour 18234263 gse8961	0.2663	0.28228	FALSE
Hmpv 72hour 18234263 gse8961	0.106	0.07382	FALSE
Icsara deltaorf6 0hour 23365422 gse33267	0.10986	0.29491	FALSE
Icsara deltaorf6 12hour 23365422 gse33267	0.03158	0.35772	FALSE
Icsara deltaorf6 24hour 23365422 gse33267	0.19451	0.68166	FALSE
Icsara deltaorf6 30hour 23365422 gse33267	0.36218	0.30297	FALSE
Icsara deltaorf6 36hour 23365422 gse33267	0.36071	0.02034	FALSE
Icsara deltaorf6 3hour 23365422 gse33267	0.1966	0.27334	FALSE
Icsara deltaorf6 48hour 23365422 gse33267	0.08966	0.01344	FALSE
Icsara deltaorf6 54hour 23365422 gse33267	0.27058	0.20764	FALSE
Icsara deltaorf6 60hour 23365422 gse33267	0.04763	0.21476	FALSE
Icsara deltaorf6 72hour 23365422 gse33267	0.15055	0.17022	FALSE
Icsara deltaorf6 7hour 23365422 gse33267	0.16425	0.45842	FALSE
Icsars cov 0hour 23365422 gse33267	0.10603	0.16763	FALSE
Icsars cov 0hour none gse37827	0.48137	0.32322	FALSE
Icsars cov 12hour 23365422 gse33267	0.20776	0.24051	FALSE
Icsars cov 12hour none gse37827	0.36071	0.35462	FALSE
Icsars cov 24hour 23365422 gse33267	0.43404	0.15519	FALSE
Icsars cov 24hour none gse37827	0.23469	0.23162	FALSE

lcsars cov 30hour 23365422 gse33267	0.19266	0.32322	FALSE
lcsars cov 30hour none gse37827	0.09462	0.16809	FALSE
lcsars cov 36hour 23365422 gse33267	0.23913	0.11015	FALSE
lcsars cov 36hour none gse37827	0.49153	0.45842	FALSE
lcsars cov 3hour 23365422 gse33267	0.03158	0.21585	FALSE
lcsars cov 48hour 23365422 gse33267	0.19266	0.51297	FALSE
lcsars cov 48hour none gse37827	0.14779	0.21585	FALSE
lcsars cov 54hour 23365422 gse33267	0.20225	0.34442	FALSE
lcsars cov 54hour none gse37827	0.06043	0.4898	FALSE
lcsars cov 60hour 23365422 gse33267	0.25946	0.03251	FALSE
lcsars cov 60hour none gse37827	0.23913	0.20814	FALSE
lcsars cov 72hour 23365422 gse33267	0.49275	0.40748	FALSE
lcsars cov 72hour none gse37827	0.04515	0.27417	FALSE
lcsars cov 7hour 23365422 gse33267	0.11556	0.39851	FALSE
lcsars cov 7hour none gse37827	0.36337	0.75545	FALSE
lcsars-cov day1 none gse50000	0.26866	0.31848	FALSE
lcsars-cov day2 none gse50000	0.05219	0.17811	FALSE
lcsars-cov day4 none gse50000	0.35326	0.16086	FALSE
lcsars-cov day7 none gse50000	0.70959	0.39166	FALSE
Abc	0.23469	1	FALSE
Adipocytokine signaling	1	0.68166	FALSE
Aldosterone regulated sodium	0.44444	0.64992	FALSE
Amino sugar and nucleotide sugar	1	1	FALSE
Antigen processing and	0.1084	1	FALSE
Arachidonic acid	1	1	FALSE
Axon	1	0.0436	FALSE
Basal transcription	1	0.62848	FALSE
Biosynthesis of unsaturated fatty	0.44444	1	FALSE
Calcium signaling	0.48718	1	FALSE
Cell adhesion molecules	0.41743	0.80037	FALSE
Chemokine signaling	1	0.3295	FALSE
Citrate cycle tca	0.4898	1	FALSE
Cytokine cytokine receptor	0.44444	0.18523	FALSE
Dna	1	1	FALSE
Drug metabolism cytochrome	1	0.4898	FALSE
Ecm receptor	0.4898	0.74753	FALSE
Epithelial cell signaling in helicobacter pylori	1	1	FALSE
Ether lipid	1	0.58204	FALSE
Fc gamma r mediated	0.11557	0.47368	FALSE
Fructose and mannose	1	1	FALSE
Glutathione	1	0.21653	FALSE
Glycerophospholipid	1	1	FALSE
Glycolysis	0.3295	1	FALSE

Glycosaminoglycan biosynthesis heparan	1	0.51448	FALSE
Glycosaminoglycan	1	1	FALSE
Glycosphingolipid biosynthesis globo	1	1	FALSE
Glyoxylate and dicarboxylate	1	1	FALSE
Hematopoietic cell	1	0.8094	FALSE
Homologous	1	0.44444	FALSE
Insulin signaling	1	0.62848	FALSE
Jak stat signaling	1	0.42699	FALSE
Leukocyte transendothelial	1	0.73109	FALSE
Long term	0.44444	1	FALSE
Lysine	0.60499	1	FALSE
Mapk signaling	0.48276	0.16238	FALSE
Metabolism of xenobiotics by cytochrome	1	0.48276	FALSE
N glycan	0.23729	0.68166	FALSE
Neuroactive ligand receptor	1	0.552	FALSE
Nicotinate and nicotinamide	1	1	FALSE
Nod like receptor signaling	0.47368	1	FALSE
Nucleotide excision	1	1	FALSE
Oocyte	0.47368	1	FALSE
Oxidative	0.22414	0.21653	FALSE
Pathogenic escherichia coli	1	0.47368	FALSE
Peroxisome	1	1	FALSE
Phosphatidylinositol signaling	0.5977	1	FALSE
Ppar signaling	1	1	FALSE
Progesterone mediated oocyte	0.62848	1	FALSE
Protein	1	0.62848	FALSE
Purine	0.42381	0.11366	FALSE
Pyruvate	0.35326	1	FALSE
Retinol	1	0.48276	FALSE
Ribosome	0.47368	1	FALSE
Spliceosome	1	0.17022	FALSE
Steroid hormone	1	0.47368	FALSE
T cell receptor signaling	0.47368	0.5977	FALSE
Tight	1	1	FALSE
Ubiquitin mediated	1	0.26471	FALSE
Vascular smooth muscle	1	1	FALSE
Vibrio cholerae	1	1	FALSE
Wnt signaling	0.10603	1	FALSE
Lassa fever virus 24hr 24069471 gse41300	0.49367	0.47434	FALSE
Lassa fever virus 4hr 24069471 gse41300	0.23729	0.41727	FALSE
Lassa fever virus 8hr 24069471 gse41300	0.49153	0.15035	FALSE
Lasv fml29 4hr 24069471 gse41300	0.48718	0.15814	FALSE
Lasv fml29 24hr 24069471 gse41300	0.36218	0.39501	FALSE

Lasv fml29 8hr 24069471 gse41300	0.16719	0.12748	FALSE
Measles chicago-1 24hour 16492729 gse980	0.15951	0.13423	FALSE
Measles chicago-1 6hour 16492729 gse980	0.48718	0.15035	FALSE
Norwalk virus hg23 19515767 gse15520	0.02625	0.30587	FALSE
Orthomyxoviridae	0.16294	0.00198	FALSE
Paramyxoviridae	0.49275	0.10582	FALSE
Picornaviridae	0.1572	0.08658	FALSE
Pneumoviridae	0.06043	0.04686	FALSE
Pr8(h1n1) 12hour none gse37245	0.20225	0.13743	FALSE
Rabies cvs-11 7day-brain 22116324 gse30577	0.16719	0.05183	FALSE
Rabies cvs-11 7day-spinalcord 22116324 gse30577	0.43764	0.1231	FALSE
Rsv 24hour 19459069 gse3397	0.11522	0.0176	FALSE
Rsv 48hour 22398282 gse32138	0.20573	0.17547	FALSE
Rsv 4hour 19459069 gse3397	0.08249	0.07382	FALSE
Rsv wt	0.61643	0.26174	FALSE
Rsv-a2 24hour-b6.129pf1 j none gse18170	0.61195	0.12528	FALSE
Rsv-a2 24hour-ko rsv none gse18170	0.27058	0.17598	FALSE
Rv16 0hour-b2b none gse28904	0.01626	0.10551	FALSE
Sars-batsrbd 0hour 23935999 gse47960	0.47726	0.00313	FALSE
Sars-batsrbd 0hour 23935999 gse47961	0.43153	0.24806	FALSE
Sars-batsrbd 0hour 23935999 gse47962	0.07972	0.67075	FALSE
Sars-batsrbd 12hour 23935999 gse47960	0.25946	0.21653	FALSE
Sars-batsrbd 12hour 23935999 gse47962	0.24157	0.30745	FALSE
Sars-batsrbd 24hour 23935999 gse47960	0.11175	0.01262	FALSE
Sars-batsrbd 36hour 23935999 gse47960	0.31479	0.04686	FALSE
Sars-batsrbd 36hour 23935999 gse47962	0.35887	0.06742	FALSE
Sars-batsrbd 48hour 23935999 gse47960	0.29898	0.02015	FALSE
Sars-batsrbd 48hour 23935999 gse47961	0.48718	0.04858	FALSE
Sars-batsrbd 48hour 23935999 gse47962	0.35648	0.01883	FALSE
Sars-batsrbd 60hour 23935999 gse47960	0.01677	0.16138	FALSE
Sars-batsrbd 60hour 23935999 gse47961	0.11175	0.18523	FALSE
Sars-batsrbd 60hour 23935999 gse47962	0.31784	0.10258	FALSE
Sars-batsrbd 72hour 23935999 gse47960	0.61195	0.05283	FALSE
Sars-batsrbd 72hour 23935999 gse47961	0.42381	0.03524	FALSE
Sars-batsrbd 72hour 23935999 gse47962	0.11026	0.04731	FALSE
Sars-batsrbd 84hour 23935999 gse47960	0.05628	0.21653	FALSE
Sars-batsrbd 84hour 23935999 gse47961	0.49275	0.14317	FALSE
Sars-batsrbd 84hour 23935999 gse47962	0.27216	0.53803	FALSE
Sars-batsrbd 96hour 23935999 gse47960	0.35887	0.05361	FALSE
Sars-batsrbd 96hour 23935999 gse47961	0.60921	0.02778	FALSE
Sars-batsrbd 96hour 23935999 gse47962	0.36071	0.18523	FALSE
Sars-batsrbd day1 none gse50000	0.49495	0.30587	FALSE
Sars-batsrbd day2 none gse50000	0.42826	0.25371	FALSE

Sars-batsrbd day4 none gse50000	0.61389	0.14831	FALSE
Sars-batsrbd day7 none gse50000	1	0.19421	FALSE
Sars-cov ma15 day1 none gse49262	0.05685	0.05665	FALSE
Sars-cov ma15 day1-pfu-10 ² none gse33266	0.20573	0.17598	FALSE
Sars-cov ma15 day1-pfu-10 ³ none gse33266	0.1084	0.01663	FALSE
Sars-cov ma15 day1-pfu-10 ⁴ none gse33266	0.00922	0.01164	FALSE
Sars-cov ma15 day1-pfu-10 ⁴ none gse50000	0.20761	0.21013	FALSE
Sars-cov ma15 day1-pfu-10 ⁵ none gse33266	0.01636	0.05906	FALSE
Sars-cov ma15 day1-pfu-10 ⁵ none gse50000	0.49495	0.59591	FALSE
Sars-cov ma15 day2 none gse49262	0.23913	0.08912	FALSE
Sars-cov ma15 day2 none gse49263	0.23469	0.019	FALSE
Sars-cov ma15 day2-c57bl6 none gse50878	0.16138	0.00577	FALSE
Sars-cov ma15 day2-pfu-10 ² none gse33266	0.42381	0.06305	FALSE
Sars-cov ma15 day2-pfu-10 ³ none gse33266	0.106	0.01533	FALSE
Sars-cov ma15 day2-pfu-10 ⁴ none gse33266	1	0.30084	FALSE
Sars-cov ma15 day2-pfu-10 ⁴ none gse50000	0.05474	0.34442	FALSE
Sars-cov ma15 day2-pfu-10 ⁵ none gse33266	0.05364	0.28228	FALSE
Sars-cov ma15 day2-pfu-10 ⁵ none gse50000	0.16858	0.06162	FALSE
Sars-cov ma15 day4 none gse49262	0.106	0.0171	FALSE
Sars-cov ma15 day4 none gse49263	0.18946	0.06975	FALSE
Sars-cov ma15 day4-c57bl-6 none gse40824	0.24157	0.19421	FALSE
Sars-cov ma15 day4-c57bl6 none gse51386	0.08718	0.05385	FALSE
Sars-cov ma15 day4-pfu-10 ² none gse33266	0.11397	0.14618	FALSE
Sars-cov ma15 day4-pfu-10 ³ none gse33266	0.19807	0.4409	FALSE
Sars-cov ma15 day4-pfu-10 ⁴ none gse33266	0.4898	0.27267	FALSE
Sars-cov ma15 day4-pfu-10 ⁴ none gse50000	0.2336	0.0852	FALSE
Sars-cov ma15 day4-pfu-10 ⁵ none gse33266	0.24312	0.08311	FALSE
Sars-cov ma15 day4-pfu-10 ⁵ none gse50000	0.26234	0.13474	FALSE
Sars-cov ma15 day4-tnfrsf1b ko none gse40824	0.35648	0.16003	FALSE
Sars-cov ma15 day7 none gse49263	1	0.04961	FALSE
Sars-cov ma15 day7-c57bl-6 none gse40824	0.4898	0.03422	FALSE
Sars-cov ma15 day7-c57bl6 none gse50878	0.43153	0.1726	FALSE
Sars-cov ma15 day7-c57bl6 none gse51386	0.61532	0.13326	FALSE
Sars-cov ma15 day7-cxcr3ko none gse50878	0.24157	0.33477	FALSE
Sars-cov ma15 day7-pfu-10 ² none gse33266	0.24157	0.77751	FALSE
Sars-cov ma15 day7-pfu-10 ³ none gse33266	0.02795	0.24739	FALSE
Sars-cov ma15 day7-pfu-10 ⁴ none gse33266	0.61195	0.20814	FALSE
Sars-cov ma15 day7-pfu-10 ⁴ none gse50000	0.06125	0.22226	FALSE
Sars-cov ma15 day7-pfu-10 ⁵ none gse33266	0.35648	0.33969	FALSE
Sars-cov ma15 day7-pfu-10 ⁵ none gse50000	0.16138	0.11049	FALSE
Sars-cov nsp16 day2 none gse49263	1	0.19749	FALSE
Sars-cov nsp16 day4 none gse49263	0.23469	0.08912	FALSE
Sars-cov nsp16 day7 none gse49263	0.34868	0.28228	FALSE

Sars-cov 0hour 23935999 gse47960	0.20573	0.0938	FALSE
Sars-cov 0hour 23935999 gse47961	0.05112	0.03987	FALSE
Sars-cov 0hour 23935999 gse47962	0.49438	0.52052	FALSE
Sars-cov 12hour 20090954 gse17400	0.36071	0.30084	FALSE
Sars-cov 12hour 23935999 gse47960	0.26333	0.15806	FALSE
Sars-cov 12hour 23935999 gse47962	0.24051	0.08912	FALSE
Sars-cov 24hour 20090954 gse17400	0.24419	0.06917	FALSE
Sars-cov 24hour 23935999 gse47960	0.1966	0.11682	FALSE
Sars-cov 24hour 23935999 gse47961	0.11026	0.04858	FALSE
Sars-cov 24hour 23935999 gse47962	0.20277	0.11654	FALSE
Sars-cov 36hour 23935999 gse47962	0.20434	0.12628	FALSE
Sars-cov 48hour 20090954 gse17400	0.15999	0.00887	FALSE
Sars-cov 48hour 23935999 gse47960	0.11175	0.15806	FALSE
Sars-cov 48hour 23935999 gse47961	0.42381	0.12592	FALSE
Sars-cov 48hour 23935999 gse47962	0.02367	0.19633	FALSE
Sars-cov 60hour 23935999 gse47960	0.48718	0.08429	FALSE
Sars-cov 60hour 23935999 gse47961	0.24242	0.03524	FALSE
Sars-cov 60hour 23935999 gse47962	0.11556	0.42826	FALSE
Sars-cov 72hour 23935999 gse47960	0.27216	0.07836	FALSE
Sars-cov 72hour 23935999 gse47961	0.23729	0.02769	FALSE
Sars-cov 72hour 23935999 gse47962	0.35887	0.07836	FALSE
Sars-cov 84hour 23935999 gse47960	0.43153	0.04396	FALSE
Sars-cov 84hour 23935999 gse47961	0.61389	0.03251	FALSE
Sars-cov 84hour 23935999 gse47962	0.42826	0.16809	FALSE
Sars-cov 96hour 23935999 gse47960	0.04446	0.15599	FALSE
Sars-cov 96hour 23935999 gse47961	0.15055	0.01087	FALSE
Sars-cov 96hour 23935999 gse47962	0.43603	0.26471	FALSE
Sars-ddorf6 0hour 23935999 gse47961	0.02344	0.0647	FALSE
Sars-ddorf6 24hour 23935999 gse47961	0.11164	0.04858	FALSE
Sars-ddorf6 48hour 23935999 gse47961	0.14779	0.04001	FALSE
Sars-ddorf6 60hour 23935999 gse47961	0.43153	0.07667	FALSE
Sars-ddorf6 72hour 23935999 gse47961	0.25946	0.03524	FALSE
Sars-ddorf6 84hour 23935999 gse47961	0.11026	0.13743	FALSE
Sars-ddorf6 96hour 23935999 gse47961	0.43764	0.04858	FALSE
Sars-dorf6 0hour 23935999 gse47960	0.48718	0.0052	FALSE
Sars-dorf6 0hour 23935999 gse47962	0.19451	0.04858	FALSE
Sars-dorf6 12hour 23935999 gse47960	0.08966	0.03524	FALSE
Sars-dorf6 12hour 23935999 gse47962	0.14106	0.16809	FALSE
Sars-dorf6 24hour 23935999 gse47960	0.08966	0.00644	FALSE
Sars-dorf6 24hour 23935999 gse47962	0.16537	0.05855	FALSE
Sars-dorf6 36hour 23935999 gse47960	0.04071	0.03604	FALSE
Sars-dorf6 36hour 23935999 gse47962	0.48137	0.34442	FALSE
Sars-dorf6 48hour 23935999 gse47960	0.61389	0.1273	FALSE

Sars-dorf6 48hour 23935999 gse47962	0.20611	0.04731	FALSE
Sars-dorf6 60hour 23935999 gse47960	0.49275	0.02661	FALSE
Sars-dorf6 60hour 23935999 gse47962	0.09858	0.27334	FALSE
Sars-dorf6 72hour 23935999 gse47960	0.2663	0.10551	FALSE
Sars-dorf6 72hour 23935999 gse47962	0.49367	0.11654	FALSE
Sars-dorf6 84hour 23935999 gse47960	0.31479	0.01769	FALSE
Sars-dorf6 84hour 23935999 gse47962	0.20072	0.62848	FALSE
Sars-dorf6 96hour 23935999 gse47960	0.26333	0.03524	FALSE
Sars-dorf6 96hour 23935999 gse47962	0.20573	0.10258	FALSE
Vn(h5n1) 12hour none gse37245	0.08063	0.24801	FALSE
X31(h3n2) 12hour none gse37245	0.26866	0.01707	FALSE