Raw count of DEGs

6 hrs

24 hrs

Compound

Vinclozolin
Verapamil
Valproic acid
Tunicamycin
Triphenyl phosphate
Triethyltin bromide
Tributyltin chloride
Triazole alanine
Triazole acetic acid
Triamterene
Triadimenol
Tramadol
Toluene−2,5−diamine
Tiratricol
Thiamethoxam
Thiabendazole
Tetraethylthiuram disulfide
Tetracycline
Tetrabromobisphenol A
Testosterone
Terbutryn
Tenofovir
Tebuconazole
Tamoxifen
Sulisobenzone
Sulfamethoxazole
Sulfadiazine
Spironolactone
Sorafenib
Rotenone
Rosiglitazone
Retinoic acid
Raloxifene
Prothioconazole
Propylthiouracil
Propofol
Propiconazole
Progesterone
Prochloraz
Pregnenolone
Pimozide
Picoxystrobin
Phenacetin
PFOA
Perfluorohexanoic acid
Perchloric acid
Pentamidine
Pentachlorophenol
Penconazole
PCB28
Pamidronic acid
Omeprazole
o−Aminophenol
Niflumic acid
Nicotine
Naproxen
Nadolol
N,N'−methylenediacrylamide
N,N'−diethylacrylamide
N,N'−bis−(2−hydroxyethyl)−2−nitro−p−phenylenediamine
N,N−Dimethylformamide
N,N−Dimethylacetamide
N−methylaniline
N−[(2−methylpropoxy)methyl]acrylamide
N−(butoxymethyl)acrylamide
Myclobutanil
Mifepristone
Metyrapone
Methylparaben
Methotrexate
Methimazole
Methacrylamide
Metformin (hydrochloride)
Mebendazole
MCPA
Lithium (cation)
Linuron
Lidocaine
Levothyroxine
Levonorgestrel
Lenvatinib
Itraconazole
Irbesartan
Iopanoic acid
Imidazole
Imidacloprid
Imazalil
Ibuprofen
Hydroxyzine
Hydroxyurea
Hexachlorophene
HC yellow 13
Haloperidol
Genistein
Furosemide
Fulvestrant
Flutamide
Fluoxetine (Fluoxetine Hydrochloride)
Fluconazole
Flonicamid
Flecainide
Fipronil
Fingolimod
Finasteride
Fenitrothion
Fenhexamid
Fenbuconazole
Ethylparaben
Ethylenethiourea
Ethofumesate
Ethanol
Etaconazole
Estrone
Estriol
Epoxiconazole
Enniatin B1
Enalapril
Dutasteride
Droperidol
Diuron
Diphenylamine
Difenoconazole
Diclofenac
Dexamethasone
DEET
Dasatinib monohydrate
Cytosinearabinoside
Cyproterone acetate
Cyprodinil
Cyproconazole
Cyclosporin A
Cyclophosphamide
Cortisol
Colchicine
Clopyralid
Clomipramine
Clofibric acid
Clarithromycin
Citalopram
Ciprofloxacin
Chlorpyrifos oxon
Chlorpyrifos
Chlorpromazine
Chloroquine
Chlorantraniliprole
Carbendazim
Carbamazepine
Camptothecin
Caffeine
Butoxyethanol
Bromodeoxyuridine
Bisphenol Z
Bisphenol E
Bisphenol A
Azoxystrobin
Azidothymidine
Azacytidine
atrazine (ATZ)
Atorvastatin
Aspartame
Anastrozole
Ampicillin (trihydrate)
Amoxicillin
Amitriptyline
Aldosterone
Adefovir dipivoxil
Acyclovir
Acrylamide
Acetaminophen
6PPD
5alpha−Dihydrotestosterone
5,5−Diphenylhydantoin
5−Fluorouracil
4−methyl imidazole
2,6−dichlorobenzamide
2,4−Dichlorophenoxyacetic acid
2,2−Bisphenol F
2−methyl imidazole
2−ethylimidazole
2−ethyl−4−methyl imidazole
1H−imidazole−1−propylamine
17beta−Trenbolone
17alpha−Ethinylestradiol
17−Methyltestosterone
1,3−Diphenylguanidine
1,2,4−triazole
1,2−dimethylimidazole
1−Vinylimidazole
1−methylimidazole
1−ethyl−1H−imidazole

CElegans
Daphnia
Drosophila
Danio
Xenopus
HepG2

DEGs
8000
6000
4000
2000
0

Raw count of DEGs capped at 2000

6 hrs

24 hrs

Compound

Vinclozolin
Verapamil
Valproic acid
Tunicamycin
Triphenyl phosphate
Triethyltin bromide
Tributyltin chloride
Triazole alanine
Triazole acetic acid
Triamterene
Triadimenol
Tramadol
Toluene−2,5−diamine
Tiratricol
Thiamethoxam
Thiabendazole
Tetraethylthiuram disulfide
Tetracycline
Tetrabromobisphenol A
Testosterone
Terbutryn
Tenofovir
Tebuconazole
Tamoxifen
Sulisobenzone
Sulfamethoxazole
Sulfadiazine
Spironolactone
Sorafenib
Rotenone
Rosiglitazone
Retinoic acid
Raloxifene
Prothioconazole
Propylthiouracil
Propofol
Propiconazole
Progesterone
Prochloraz
Pregnenolone
Pimozide
Picoxystrobin
Phenacetin
PFOA
Perfluorohexanoic acid
Perchloric acid
Pentamidine
Pentachlorophenol
Penconazole
PCB28
Pamidronic acid
Omeprazole
o−Aminophenol
Niflumic acid
Nicotine
Naproxen
Nadolol
N,N'−methylenediacrylamide
N,N'−diethylacrylamide
N,N'−bis−(2−hydroxyethyl)−2−nitro−p−phenylenediamine
N,N−Dimethylformamide
N,N−Dimethylacetamide
N−methylaniline
N−[(2−methylpropoxy)methyl]acrylamide
N−(butoxymethyl)acrylamide
Myclobutanil
Mifepristone
Metyrapone
Methylparaben
Methotrexate
Methimazole
Methacrylamide
Metformin (hydrochloride)
Mebendazole
MCPA
Lithium (cation)
Linuron
Lidocaine
Levothyroxine
Levonorgestrel
Lenvatinib
Itraconazole
Irbesartan
Iopanoic acid
Imidazole
Imidacloprid
Imazalil
Ibuprofen
Hydroxyzine
Hydroxyurea
Hexachlorophene
HC yellow 13
Haloperidol
Genistein
Furosemide
Fulvestrant
Flutamide
Fluoxetine (Fluoxetine Hydrochloride)
Fluconazole
Flonicamid
Flecainide
Fipronil
Fingolimod
Finasteride
Fenitrothion
Fenhexamid
Fenbuconazole
Ethylparaben
Ethylenethiourea
Ethofumesate
Ethanol
Etaconazole
Estrone
Estriol
Epoxiconazole
Enniatin B1
Enalapril
Dutasteride
Droperidol
Diuron
Diphenylamine
Difenoconazole
Diclofenac
Dexamethasone
DEET
Dasatinib monohydrate
Cytosinearabinoside
Cyproterone acetate
Cyprodinil
Cyproconazole
Cyclosporin A
Cyclophosphamide
Cortisol
Colchicine
Clopyralid
Clomipramine
Clofibric acid
Clarithromycin
Citalopram
Ciprofloxacin
Chlorpyrifos oxon
Chlorpyrifos
Chlorpromazine
Chloroquine
Chlorantraniliprole
Carbendazim
Carbamazepine
Camptothecin
Caffeine
Butoxyethanol
Bromodeoxyuridine
Bisphenol Z
Bisphenol E
Bisphenol A
Azoxystrobin
Azidothymidine
Azacytidine
atrazine (ATZ)
Atorvastatin
Aspartame
Anastrozole
Ampicillin (trihydrate)
Amoxicillin
Amitriptyline
Aldosterone
Adefovir dipivoxil
Acyclovir
Acrylamide
Acetaminophen
6PPD
5alpha−Dihydrotestosterone
5,5−Diphenylhydantoin
5−Fluorouracil
4−methyl imidazole
2,6−dichlorobenzamide
2,4−Dichlorophenoxyacetic acid
2,2−Bisphenol F
2−methyl imidazole
2−ethylimidazole
2−ethyl−4−methyl imidazole
1H−imidazole−1−propylamine
17beta−Trenbolone
17alpha−Ethinylestradiol
17−Methyltestosterone
1,3−Diphenylguanidine
1,2,4−triazole
1,2−dimethylimidazole
1−Vinylimidazole
1−methylimidazole
1−ethyl−1H−imidazole

CElegans
Daphnia
Drosophila
Danio
Xenopus
HepG2

DEGs
2000
1500
1000
500
0

Count of DEGs scaled per compound and modality (row)
Comparison across Species

6 hrs

24 hrs

Compound

Vinclozolin
Verapamil
Valproic acid
Tunicamycin
Triphenyl phosphate
Triethyltin bromide
Tributyltin chloride
Triazole alanine
Triazole acetic acid
Triamterene
Triadimenol
Tramadol
Toluene−2,5−diamine
Tiratricol
Thiamethoxam
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Tetracycline
Tetrabromobisphenol A
Testosterone
Terbutryn
Tenofovir
Tebuconazole
Tamoxifen
Sulisobenzone
Sulfamethoxazole
Sulfadiazine
Spironolactone
Sorafenib
Rotenone
Rosiglitazone
Retinoic acid
Raloxifene
Prothioconazole
Propylthiouracil
Propofol
Propiconazole
Progesterone
Prochloraz
Pregnenolone
Pimozide
Picoxystrobin
Phenacetin
PFOA
Perfluorohexanoic acid
Perchloric acid
Pentamidine
Pentachlorophenol
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PCB28
Pamidronic acid
Omeprazole
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Niflumic acid
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Naproxen
Nadolol
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N−(butoxymethyl)acrylamide
Myclobutanil
Mifepristone
Metyrapone
Methylparaben
Methotrexate
Methimazole
Methacrylamide
Metformin (hydrochloride)
Mebendazole
MCPA
Lithium (cation)
Linuron
Lidocaine
Levothyroxine
Levonorgestrel
Lenvatinib
Itraconazole
Irbesartan
Iopanoic acid
Imidazole
Imidacloprid
Imazalil
Ibuprofen
Hydroxyzine
Hydroxyurea
Hexachlorophene
HC yellow 13
Haloperidol
Genistein
Furosemide
Fulvestrant
Flutamide
Fluoxetine (Fluoxetine Hydrochloride)
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Flonicamid
Flecainide
Fipronil
Fingolimod
Finasteride
Fenitrothion
Fenhexamid
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Ethylenethiourea
Ethofumesate
Ethanol
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Estrone
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Enniatin B1
Enalapril
Dutasteride
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Cyclophosphamide
Cortisol
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Chlorpyrifos
Chlorpromazine
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Chlorantraniliprole
Carbendazim
Carbamazepine
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Caffeine
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Amoxicillin
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Aldosterone
Adefovir dipivoxil
Acyclovir
Acrylamide
Acetaminophen
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5−Fluorouracil
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2,4−Dichlorophenoxyacetic acid
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17beta−Trenbolone
17alpha−Ethinylestradiol
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1,3−Diphenylguanidine
1,2,4−triazole
1,2−dimethylimidazole
1−Vinylimidazole
1−methylimidazole
1−ethyl−1H−imidazole

CElegans
Daphnia
Drosophila
Danio
Xenopus
HepG2

DEGs scaled
1.00
0.75
0.50
0.25
0.00

Count of DEGs scaled per Species, time, and modality (column)
Comparison across compounds

6 hrs

24 hrs

Compound

Vinclozolin
Verapamil
Valproic acid
Tunicamycin
Triphenyl phosphate
Triethyltin bromide
Tributyltin chloride
Triazole alanine
Triazole acetic acid
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Triadimenol
Tramadol
Toluene−2,5−diamine
Tiratricol
Thiamethoxam
Thiabendazole
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Tamoxifen
Sulisobenzone
Sulfamethoxazole
Sulfadiazine
Spironolactone
Sorafenib
Rotenone
Rosiglitazone
Retinoic acid
Raloxifene
Prothioconazole
Propylthiouracil
Propofol
Propiconazole
Progesterone
Prochloraz
Pregnenolone
Pimozide
Picoxystrobin
Phenacetin
PFOA
Perfluorohexanoic acid
Perchloric acid
Pentamidine
Pentachlorophenol
Penconazole
PCB28
Pamidronic acid
Omeprazole
o−Aminophenol
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Irbesartan
Iopanoic acid
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HC yellow 13
Haloperidol
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Fipronil
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Chlorpyrifos
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Chlorantraniliprole
Carbendazim
Carbamazepine
Camptothecin
Caffeine
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Bromodeoxyuridine
Bisphenol Z
Bisphenol E
Bisphenol A
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Azacytidine
atrazine (ATZ)
Atorvastatin
Aspartame
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Ampicillin (trihydrate)
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Adefovir dipivoxil
Acyclovir
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6PPD
5alpha−Dihydrotestosterone
5,5−Diphenylhydantoin
5−Fluorouracil
4−methyl imidazole
2,6−dichlorobenzamide
2,4−Dichlorophenoxyacetic acid
2,2−Bisphenol F
2−methyl imidazole
2−ethylimidazole
2−ethyl−4−methyl imidazole
1H−imidazole−1−propylamine
17beta−Trenbolone
17alpha−Ethinylestradiol
17−Methyltestosterone
1,3−Diphenylguanidine
1,2,4−triazole
1,2−dimethylimidazole
1−Vinylimidazole
1−methylimidazole
1−ethyl−1H−imidazole

CElegans
Daphnia
Drosophila
Danio
Xenopus
HepG2

DEGs scaled
1.00
0.75
0.50
0.25
0.00