

A

Contaminant

2,4,4'-Trichlorobiphenyl (2)
Aldrin (7)
alpha-HCH (2)
Arsenic (74)
BDE-15 (4)
BDE-153 (1)
BDE-209 (3)
BDE-47 (8)
BDE-99 (6)
Benzo[a]pyrene (42)
beta-HCH (4)
Cadmium (21)
Chlorpyrifos (16)
Cyfluthrin (8)
Cypemethrin (4)
delta-HCH (4)
p,p'-DDE (12)
Dibenzo(a,c)anthracene (2)
Dieldrin (12)
Dimethoate (4)
Endosulfan (15)
Endosulfan sulphate (4)
Ethion (3)
Fenvalerate (3)
gamma-HCH (10)
Heptachlor (14)
Heptachlor epoxide (5)
Hexachlorobenzene (10)
Lead (12)
Malathion (6)
Mercury (2)
Methoxychlor (10)
Methyl parathion (5)
Monocrotophos (1)
o,p'-DDE (9)
o,p'-DDT (13)
p,p'-DDD (8)
p,p'-DDT (16)
PCB-101 (4)
PCB-118 (3)
PCB-126 (11)
PCB-138 (2)
PCB-153 (7)
PCB-156 (3)
PCB-52 (3)
PFOA (21)
PFOS (19)
Phosalone (8)
Profenofos (5)
Tetrachlorodibenzodioxin (24)

Genes involved in oxytocin signalling pathway

MAPK1
MAPK3
CCL2
CD38
CXCL8
ESR1
FOS
JUN
PLAU
ABCC4
ADCY2
ADCY3
ADCY6
ADCY9
ANXA3
BMP2
CACNA1C
CACNA2D4
CACNB4
CACNB5
CACNG8
CALM1
CAMK2A
CAMK2B
CAMKK2
CCL20
CCND1
CCR2
CCR1
EEF1G
EEF2K
FABP4
FOXO3
GATA4
GNAO1
HIF1A
HIVEP3
HSPA5
HSP27
ITPR1
ITPR2
KCNJ5
LEP
MAP2K5
MAPK7
MEF2C
MMP2
MYL9
NFATC1
NFATC2
NOS2
NOS3
PAG1
BDIA3
EGCAM1
PKM
PLA2G4C
PLA2G4D
POU5F1
PPARG
PRKAG1
PRKAG2
PRKCB
PRKCE
PTGES2
PTGS2
RGS2
RUNX2
RYR2
RYR3
SRC
TNNT2
TRPM2
TXNIP1
MKI67
IL6
ACTB
ATF4
CACNA1S
CACNG4
CDKN1A
CREB1
ELK1
GUCY1A3
KRT19
MYH6
MYL6
MYL3
MYOG
PIK3CG
PPP1R12C
PRKACB
RAF1
SOX2
CALML5
INS
Kras
MAP2K1
MAP2K2
RYR1
GJA1
NFATC4
PPP1CA
PRKACA
PLA2G4A
BGLAP
NANOG
PRKAA1
GNAI2
CXCR1

B

Contaminant

Arsenic (7)
Benzo[a]pyrene (1)
Cadmium (1)
Chlorpyrifos (1)
Dieldrin (1)
Endosulfan (3)
Fenvalerate (1)
gamma-HCH (1)
Heptachlor (2)
Mercury (2)
o,p'-DDT (1)
PFOS (3)
PFOA (2)
Phosalone (1)
p,p'-DDT (1)

Genes involved in xenobiotic transport

ABCB1
ABCC1
ABCC2
SLC22A5
SLC29A1
SLCO2B1
SLCO3A1
SLC22A1
SLC22A4