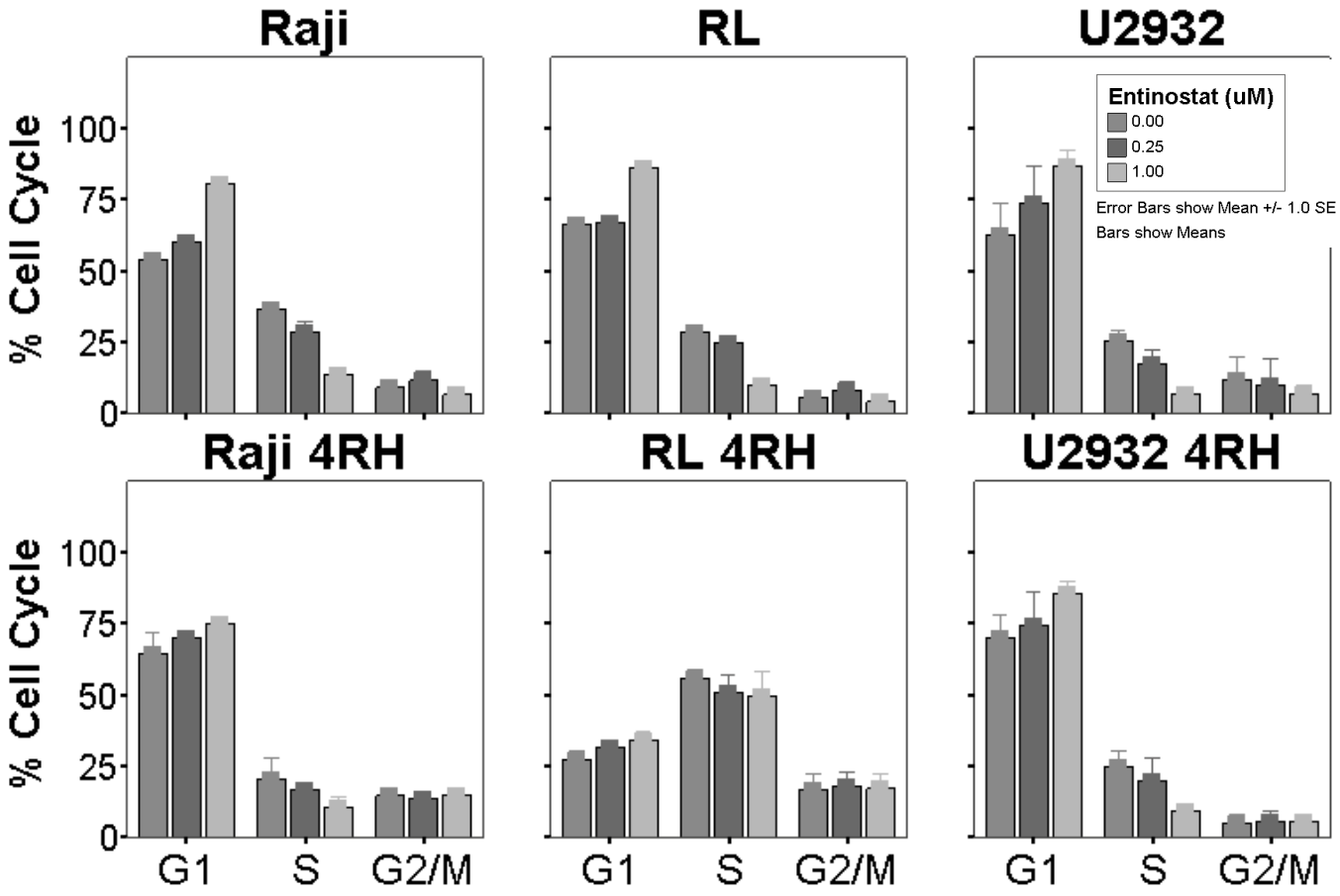
Supplemental Table I. Patients characteristics

Number of Cases	36
Median age, years (range)	62 (88-40)
Sex	
Male	27 (75%)
Female	9 (25%)
Diagnosis	
DLBCL	
GCB DLBCL	3
ABC DLBCL	5
FL	12
HL	4
Burkitt's/SLL/CLL/MZL/MCL/	12
Disease status	
De novo	21 (58.3 %)
Relapsed/refractory	15 (41.7%)
Prior rituximab therapy	42%

Supplemental table II. Selected genes of interest that were found to be up-regulated (U) or down-regulated (D) following entinostat exposure.

Gene ID	Gene name	Pathway	Net GEP change	RL		RL4RH		U2932		U2932 4RH	
				Fold Change	P Value	Fold Change	P Value	Fold Change	P Value	Fold Change	P Value
ITGB1	Integrin B1, CD29	Cell adhesion	U	0.726888564	9.81E-07	0.741810913	3.48E-06	0.656602204	1.45E-09	0.633410637	1.43E-10
CXCR4	Chemokine (C-X-C motif) receptor 4	Cell adhesion	U	0.792454633	0.004828859	0.735538416	0.000285463	0.732817173	0.000245547	0.791276969	0.00458
FCGRT	Fc fragment of IgG, receptor, transporter, alpha	Cell adhesion	U	0.756397819	0.000355	0.714718008	2.72E-05	0.740728618	0.000140805	0.741252937	0.00015
CHEK1	Checkpoint kinase 1	Cell cycle	D	-1.437305894	3.38E-05	-1.321813713	0.001001929	-1.27017783	0.004281251	-1.310475626	0.00139
KIF22	Kinesin family member 22	Cell Cycle	D	-1.477405415	0.001011149	-1.361123992	0.008166234	-1.671340442	2.84E-05	-1.319370096	0.01674
MCM7	Minichromosome maintenance complex component 7	Cell cycle	D	-1.712366885	1.91E-05	-1.388826666	0.005940481	-1.425291482	0.003159265	-1.432293167	0.0028
CCNA2	Cyclin A2	Cell cycle	D	-1.616564926	0.00015683	-1.467630732	0.002002483	-2.157928305	2.61E-08	-2.17037097	2.17E-08
CDK2AP1	Cyclin-dependent kinase 2 associated protein 1	Cell cycle	D	-1.247904596	0.003472295	-1.308901811	0.000482796	-1.433788068	7.08E-06	-1.499480896	7.71E-07
ADA	Adenosine deaminase	DNA synthesis	U	0.831515491	0.020901301	0.714520041	6.43E-05	0.421507608	1.41E-15	0.215390548	2.49E-26
TUBB2A	Tubulin, beta 2A class IIA	Microtubule stabilization	U	0.813282892	0.040501519	0.81251282	0.039626226	0.816624194	0.044486821	0.638828095	3.09E-05
CDCA8	Cell division cycle associated 8	Microtubule stabilization	D	-1.445059055	7.25E-05	-1.345627052	0.001042629	-1.502070288	1.55E-05	-1.494425625	1.90E-05
PSMB5	Proteaomse subunit beta type 5	UPS	D	-1.221011505	0.003993824	-1.280858835	0.000464333	-1.681656386	1.93E-10	-1.608766055	2.31E-09
PSMB6	Proteaomse subunit beta type 6	UPS	D	-1.275246628	0.012593989	-1.224160849	0.036275135	-1.59116119	8.25E-06	-1.522060518	4.22E-05
PSMC3IP	Proteasome (prosome, macropain) 26S subunit, ATPase 3, interacting protein	UPS	D	-1.210043445	0.000227846	-1.324076395	3.38E-07	-1.494714605	3.02E-11	-1.397057961	5.49E-09
PSMB9	Proteasome (prosome, macropain) subunit, beta type, 9	UPS	U	0.77193095	0.005350904	0.7223881	0.000600426	0.65545941	1.63E-05	0.623573002	2.25E-06
CUL4A	Cullin 4A	UPS	D	-1.216167208	0.000864093	-1.30652209	1.22E-05	-1.242004773	0.000262715	-1.316723121	7.43E-06

Supplemental Figure 1



Gene information			
TargetID	ENTREZ_GENE_ID	SYMBOL	CHROMOSOME
1-Mar	55016	1-Mar	4
2-Mar	51257	2-Mar	19
3-Mar	115123	3-Mar	5
5-Mar	54708	5-Mar	10
7-Mar	64844	7-Mar	2
1-Sep	1731	1-Sep	16
2-Sep	4735	2-Sep	2
3-Sep	55964	3-Sep	22
4-Sep	5414	4-Sep	17
5-Sep	5413	5-Sep	22
6-Sep	23157	6-Sep	X
7-Sep	989	7-Sep	7
8-Sep	23176	8-Sep	5
9-Sep	10801	9-Sep	17
11-Sep	55752	11-Sep	4
12-Sep	124404	12-Sep	16
14-Sep	346288	14-Sep	7
15-Sep	9403	15-Sep	1
A2LD1	87769	A2LD1	13
A4GALT	53947	A4GALT	22
A4GNT	51146	A4GNT	3
AAAS	8086	AAAS	12
AACS	65985	AACS	12
AADACL1	57552	AADACL1	3
AADACL2	344752	AADACL2	3
AAGAB	79719	AAGAB	15
AAK1	22848	AAK1	2
AAMP	14	AAMP	2
AARS	16	AARS	16
AARS2	57505	AARS2	6
AARSD1	80755	AARSD1	17
AASDH	132949	AASDH	4
AASDHPPT	60496	AASDHPPT	11
AASS	10157	AASS	7
AATF	26574	AATF	17
AATK	9625	AATK	17
ABAT	18	ABAT	16
ABCA1	19	ABCA1	9
ABCA11	79963	ABCA11	4
ABCA2	20	ABCA2	9
ABCA3	21	ABCA3	16
ABCA6	23460	ABCA6	17

ABCA7	10347	ABCA7	19
ABCA8	10351	ABCA8	17
ABCA9	10350	ABCA9	17
ABCB1	5243	ABCB1	7
ABCB10	23456	ABCB10	1
ABCB4	5244	ABCB4	7
ABCB6	10058	ABCB6	2
ABCB7	22	ABCB7	X
ABCB9	23457	ABCB9	12
ABCC2	1244	ABCC2	10
ABCC3	8714	ABCC3	17
ABCC4	10257	ABCC4	13
ABCC5	10057	ABCC5	3
ABCC6P1	653190	ABCC6P1	16
ABCD1	215	ABCD1	X
ABCD3	5825	ABCD3	1
ABCE1	6059	ABCE1	4
ABCF1	23	ABCF1	6
ABCF2	10061	ABCF2	7
ABCF3	55324	ABCF3	3
ABCG1	9619	ABCG1	21
ABCG4	64137	ABCG4	11
ABCG5	64240	ABCG5	2
ABHD1	84696	ABHD1	2
ABHD10	55347	ABHD10	3
ABHD11	83451	ABHD11	7
ABHD12	26090	ABHD12	20
ABHD12B	145447	ABHD12B	14
ABHD13	84945	ABHD13	13
ABHD14A	25864	ABHD14A	3
ABHD14B	84836	ABHD14B	3
ABHD15	116236	ABHD15	17
ABHD2	11057	ABHD2	15
ABHD3	171586	ABHD3	18
ABHD4	63874	ABHD4	14
ABHD5	51099	ABHD5	3
ABHD6	57406	ABHD6	3
ABHD8	79575	ABHD8	19
ABI1	10006	ABI1	10
ABI2	10152	ABI2	
ABI3	51225	ABI3	17
ABL1	25	ABL1	9
ABL2	27	ABL2	1
ABLIM1	3983	ABLIM1	10

ABLIM2	84448	ABLIM2	4
ABR	29	ABR	17
ABT1	29777	ABT1	6
ABTB1	80325	ABTB1	3
ABTB2	25841	ABTB2	11
ACAA1	30	ACAA1	3
ACAA2	10449	ACAA2	18
ACACA	31	ACACA	17
ACACB	32	ACACB	12
ACAD10	80724	ACAD10	12
ACAD11	84129	ACAD11	3
ACAD8	27034	ACAD8	11
ACAD9	28976	ACAD9	3
ACADM	34	ACADM	1
ACADS	35	ACADS	12
ACADSB	36	ACADSB	10
ACADVL	37	ACADVL	17
ACAP1	9744	ACAP1	17
ACAP2	23527	ACAP2	3
ACAP3	116983	ACAP3	1
ACAT1	38	ACAT1	11
ACAT2	39	ACAT2	6
ACBD3	64746	ACBD3	1
ACBD4	79777	ACBD4	17
ACBD6	84320	ACBD6	1
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ACCN3	9311	ACCN3	7
ACCS	84680	ACCS	11
ACD	65057	ACD	16
ACER3	55331	ACER3	11
ACHE	43	ACHE	7
ACIN1	22985	ACIN1	14
ACLY	47	ACLY	17
ACN9	57001	ACN9	7
ACO1	48	ACO1	9
ACO2	50	ACO2	22
ACOT1	641371	ACOT1	14
ACOT12	134526	ACOT12	5
ACOT2	10965	ACOT2	14
ACOT4	122970	ACOT4	14
ACOT8	10005	ACOT8	20
ACOT9	23597	ACOT9	X
ACOX1	51	ACOX1	17
ACOX2	8309	ACOX2	3

ACOX3	8310	ACOX3	4
ACP1	52	ACP1	2
ACP2	53	ACP2	11
ACP6	51205	ACP6	1
ACPL2	92370	ACPL2	3
ACPP	55	ACPP	3
ACR	49	ACR	22
ACRBP	84519	ACRBP	12
ACRC	93953	ACRC	X
ACSBG1	23205	ACSBG1	15
ACSF2	80221	ACSF2	17
ACSF3	197322	ACSF3	16
ACSL1	2180	ACSL1	4
ACSL3	2181	ACSL3	2
ACSL4	2182	ACSL4	X
ACSL5	51703	ACSL5	10
ACSM3	6296	ACSM3	16
ACSS1	84532	ACSS1	20
ACSS2	55902	ACSS2	20
ACTA1	58	ACTA1	1
ACTA2	59	ACTA2	10
ACTB	60	ACTB	7
ACTBL2	345651	ACTBL2	5
ACTG1	71	ACTG1	17
ACTL6A	86	ACTL6A	3
ACTL8	81569	ACTL8	1
ACTN1	87	ACTN1	14
ACTN4	81	ACTN4	19
ACTR10	55860	ACTR10	14
ACTR1A	10121	ACTR1A	10
ACTR1B	10120	ACTR1B	2
ACTR2	10097	ACTR2	2
ACTR3	10096	ACTR3	2
ACTR3B	57180	ACTR3B	7
ACTR5	79913	ACTR5	20
ACTR6	64431	ACTR6	12
ACTR8	93973	ACTR8	3
ACTRT1	139741	ACTRT1	X
ACVR1	90	ACVR1	2
ACVR2A	92	ACVR2A	2
ACY1	95	ACY1	3
ACY3	91703	ACY3	11
ACYP1	97	ACYP1	14
ACYP2	98	ACYP2	2

ADA	100	ADA	20
ADAL	161823	ADAL	15
ADAM10	102	ADAM10	15
ADAM11	4185	ADAM11	17
ADAM15	8751	ADAM15	1
ADAM17	6868	ADAM17	2
ADAM22	53616	ADAM22	7
ADAM23	8745	ADAM23	2
ADAM28	10863	ADAM28	8
ADAM30	11085	ADAM30	1
ADAM32	203102	ADAM32	
ADAM8	101	ADAM8	10
ADAM9	8754	ADAM9	8
ADAMTS15	170689	ADAMTS15	11
ADAMTS6	11174	ADAMTS6	5
ADAMTSL2	9719	ADAMTSL2	9
ADAMTSL4	54507	ADAMTSL4	1
ADAMTSL5	339366	ADAMTSL5	19
ADAP1	11033	ADAP1	7
ADAP2	55803	ADAP2	17
ADAR	103	ADAR	1
ADARB1	104	ADARB1	21
ADAT1	23536	ADAT1	16
ADAT2	134637	ADAT2	6
ADAT3	113179	ADAT3	19
ADC	113451	ADC	1
ADCK1	57143	ADCK1	14
ADCK2	90956	ADCK2	7
ADCK4	79934	ADCK4	19
ADCK5	203054	ADCK5	8
ADCY3	109	ADCY3	2
ADCY5	111	ADCY5	3
ADCY7	113	ADCY7	16
ADCY9	115	ADCY9	16
ADD1	118	ADD1	4
ADD3	120	ADD3	10
ADH5	128	ADH5	4
ADH7	131	ADH7	4
ADHFE1	137872	ADHFE1	8
ADI1	55256	ADI1	2
ADIPOR1	51094	ADIPOR1	1
ADIPOR2	79602	ADIPOR2	12
ADK	132	ADK	10
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ADM2	79924	ADM2	22
ADNP	23394	ADNP	20
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ADO	84890	ADO	10
ADORA2A	135	ADORA2A	22
ADORA2B	136	ADORA2B	17
ADORA3	140	ADORA3	1
ADPGK	83440	ADPGK	15
ADPRH	141	ADPRH	3
ADPRHL1	113622	ADPRHL1	13
ADPRHL2	54936	ADPRHL2	1
ADRA2A	150	ADRA2A	10
ADRB2	154	ADRB2	5
ADRBK1	156	ADRBK1	11
ADRM1	11047	ADRM1	20
ADSL	158	ADSL	22
ADSS	159	ADSS	1
ADSSL1	122622	ADSSL1	14
AEBP1	165	AEBP1	7
AEBP2	121536	AEBP2	12
AEN	64782	AEN	15
AES	166	AES	19
AFAP1L2	84632	AFAP1L2	10
AFAR3	246181	AFAR3	1
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AFF3	3899	AFF3	2
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AFG3L1	172	AFG3L1	16
AFG3L2	10939	AFG3L2	18
AFM	173	AFM	4
AFMID	125061	AFMID	17
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AGA	175	AGA	4
AGAP3	116988	AGAP3	7
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AGPAT5	55326	AGPAT5	8
AGPAT6	137964	AGPAT6	8
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AGR3	155465	AGR3	7
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AGTRAP	57085	AGTRAP	1
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AHNAK2	113146	AHNAK2	14
AHR	196	AHR	7
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AHSP	51327	AHSP	16
AICDA	57379	AICDA	12
AIDA	64853	AIDA	1
AIF1	199	AIF1	6
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AIFM2	84883	AIFM2	10
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AIM2	9447	AIM2	1
AIMP2	7965	AIMP2	7
AIP	9049	AIP	11
AIRE	326	AIRE	21
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AK2	204	AK2	1
AK3	50808	AK3	9
AK3L1	205	AK3L1	1
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AKAP11	11215	AKAP11	13
AKAP12	9590	AKAP12	6
AKAP13	11214	AKAP13	15

AKAP5	9495	AKAP5	14
AKAP8	10270	AKAP8	19
AKAP8L	26993	AKAP8L	19
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AKIRIN2	55122	AKIRIN2	6
AKNA	80709	AKNA	
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AKR1B1	231	AKR1B1	7
AKR1C3	8644	AKR1C3	10
AKR1CL1	340811	AKR1CL1	
AKR1D1	6718	AKR1D1	7
AKR7A2	8574	AKR7A2	1
AKR7A3	22977	AKR7A3	1
AKT1	207	AKT1	14
AKT1S1	84335	AKT1S1	19
AKT2	208	AKT2	19
AKTIP	64400	AKTIP	16
ALAD	210	ALAD	9
ALAS1	211	ALAS1	3
ALB	213	ALB	4
ALCAM	214	ALCAM	3
ALDH16A1	126133	ALDH16A1	19
ALDH18A1	5832	ALDH18A1	10
ALDH1A1	216	ALDH1A1	9
ALDH1A3	220	ALDH1A3	15
ALDH1B1	219	ALDH1B1	9
ALDH1L2	160428	ALDH1L2	12
ALDH2	217	ALDH2	12
ALDH3A2	224	ALDH3A2	17
ALDH3B1	221	ALDH3B1	11
ALDH4A1	8659	ALDH4A1	1
ALDH5A1	7915	ALDH5A1	6
ALDH6A1	4329	ALDH6A1	14
ALDH7A1	501	ALDH7A1	5
ALDH9A1	223	ALDH9A1	1
ALDOA	226	ALDOA	16
ALDOC	230	ALDOC	17
ALG1	56052	ALG1	16
ALG10	84920	ALG10	12
ALG10B	144245	ALG10B	12
ALG11	440138	ALG11	13
ALG12	79087	ALG12	22
ALG13	55849	ALG13	X
ALG14	199857	ALG14	1

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ALG2	85365	ALG2	9
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ALG9	79796	ALG9	11
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ALKBH4	54784	ALKBH4	7
ALKBH5	54890	ALKBH5	17
ALKBH6	84964	ALKBH6	19
ALKBH7	84266	ALKBH7	19
ALKBH8	91801	ALKBH8	11
ALMS1	7840	ALMS1	2
ALOX12B	242	ALOX12B	17
ALOX5	240	ALOX5	10
ALOX5AP	241	ALOX5AP	13
ALPI	248	ALPI	2
ALPK1	80216	ALPK1	4
ALPK2	115701	ALPK2	18
ALPL	249	ALPL	1
ALPP	250	ALPP	2
ALS2	57679	ALS2	2
ALS2CR12	130540	ALS2CR12	2
ALS2CR14	65068	ALS2CR14	2
ALS2CR16	130029	ALS2CR16	2
ALS2CR4	65062	ALS2CR4	2
ALS2CR8	79800	ALS2CR8	
AMACR	23600	AMACR	5
AMBRA1	55626	AMBRA1	11
AMD1	262	AMD1	6
AMDHD1	144193	AMDHD1	12
AMDHD2	51005	AMDHD2	16
AMFR	267	AMFR	16
AMICA1	120425	AMICA1	11
AMIGO3	386724	AMIGO3	3
AMMECR1	9949	AMMECR1	X
AMMECR1L	83607	AMMECR1L	2
AMN	81693	AMN	14
AMN1	196394	AMN1	12
AMOT	154796	AMOT	X
AMOTL2	51421	AMOTL2	3

AMPD3	272	AMPD3	11
AMT	275	AMT	3
AMY1A	276	AMY1A	1
AMY1B	277	AMY1B	1
AMY1C	278	AMY1C	1
AMY2A	279	AMY2A	1
AMY2B	280	AMY2B	1
AMZ2	51321	AMZ2	17
ANAPC1	64682	ANAPC1	
ANAPC10	10393	ANAPC10	4
ANAPC11	51529	ANAPC11	
ANAPC13	25847	ANAPC13	3
ANAPC2	29882	ANAPC2	9
ANAPC4	29945	ANAPC4	4
ANAPC7	51434	ANAPC7	12
ANG	283	ANG	14
ANGEL1	23357	ANGEL1	14
ANGEL2	90806	ANGEL2	1
ANGPTL4	51129	ANGPTL4	19
ANGPTL6	83854	ANGPTL6	19
ANGPTL7	10218	ANGPTL7	1
ANK3	288	ANK3	10
ANKDD1A	348094	ANKDD1A	15
ANKFY1	51479	ANKFY1	17
ANKHD1	54882	ANKHD1	5
ANKHD1-EIF4EB	404734	ANKHD1-EIF4EBF	5
ANKIB1	54467	ANKIB1	7
ANKLE1	126549	ANKLE1	19
ANKLE2	23141	ANKLE2	12
ANKMY2	57037	ANKMY2	7
ANKRA2	57763	ANKRA2	5
ANKRD1	27063	ANKRD1	10
ANKRD10	55608	ANKRD10	13
ANKRD11	29123	ANKRD11	16
ANKRD12	23253	ANKRD12	18
ANKRD13A	88455	ANKRD13A	12
ANKRD13B	124930	ANKRD13B	17
ANKRD13C	81573	ANKRD13C	1
ANKRD13D	338692	ANKRD13D	
ANKRD16	54522	ANKRD16	10
ANKRD17	26057	ANKRD17	4
ANKRD18A	253650	ANKRD18A	9
ANKRD18B	441459	ANKRD18B	
ANKRD19	138649	ANKRD19	

ANKRD20A1	84210	ANKRD20A1	
ANKRD20A4	728747	ANKRD20A4	9
ANKRD22	118932	ANKRD22	10
ANKRD23	200539	ANKRD23	2
ANKRD24	170961	ANKRD24	19
ANKRD26	22852	ANKRD26	10
ANKRD27	84079	ANKRD27	19
ANKRD28	23243	ANKRD28	3
ANKRD32	84250	ANKRD32	5
ANKRD33	341405	ANKRD33	12
ANKRD34A	284615	ANKRD34A	1
ANKRD34C	390616	ANKRD34C	15
ANKRD35	148741	ANKRD35	1
ANKRD36	375248	ANKRD36	2
ANKRD37	353322	ANKRD37	4
ANKRD39	51239	ANKRD39	2
ANKRD40	91369	ANKRD40	17
ANKRD41	126549	ANKRD41	19
ANKRD43	134548	ANKRD43	5
ANKRD46	157567	ANKRD46	8
ANKRD47	256949	ANKRD47	19
ANKRD49	54851	ANKRD49	11
ANKRD5	63926	ANKRD5	20
ANKRD50	57182	ANKRD50	4
ANKRD52	283373	ANKRD52	12
ANKRD53	79998	ANKRD53	2
ANKRD54	129138	ANKRD54	22
ANKRD56	345079	ANKRD56	4
ANKRD58	347454	ANKRD58	X
ANKRD6	22881	ANKRD6	6
ANKRD7	56311	ANKRD7	7
ANKRD9	122416	ANKRD9	14
ANKS1A	23294	ANKS1A	6
ANKS3	124401	ANKS3	16
ANKS6	203286	ANKS6	9
ANKZF1	55139	ANKZF1	2
ANLN	54443	ANLN	7
ANO10	55129	ANO10	3
ANO6	196527	ANO6	12
ANO8	57719	ANO8	19
ANP32A	8125	ANP32A	15
ANP32B	10541	ANP32B	9
ANP32D	23519	ANP32D	12
ANP32E	81611	ANP32E	1

ANTXR1	84168	ANTXR1	2
ANTXR2	118429	ANTXR2	4
ANUBL1	93550	ANUBL1	10
ANXA1	301	ANXA1	9
ANXA11	311	ANXA11	10
ANXA2	302	ANXA2	15
ANXA2P1	303	ANXA2P1	4
ANXA2P2	304	ANXA2P2	9
ANXA3	306	ANXA3	4
ANXA4	307	ANXA4	2
ANXA5	308	ANXA5	4
ANXA6	309	ANXA6	5
ANXA7	310	ANXA7	10
AOC2	314	AOC2	17
AOC3	8639	AOC3	17
AOF2	23028	AOF2	1
AOX1	316	AOX1	2
AOX2P	344454	AOX2P	2
AP1B1	162	AP1B1	22
AP1G1	164	AP1G1	16
AP1G2	8906	AP1G2	14
AP1GBP1	11276	AP1GBP1	17
AP1S1	1174	AP1S1	7
AP1S2	8905	AP1S2	X
AP1S3	130340	AP1S3	2
AP2A1	160	AP2A1	19
AP2M1	1173	AP2M1	3
AP2S1	1175	AP2S1	19
AP3B1	8546	AP3B1	5
AP3B2	8120	AP3B2	15
AP3D1	8943	AP3D1	19
AP3M1	26985	AP3M1	10
AP3M2	10947	AP3M2	8
AP3S1	1176	AP3S1	5
AP3S2	10239	AP3S2	15
AP4B1	10717	AP4B1	1
AP4E1	23431	AP4E1	15
APAF1	317	APAF1	12
APBA2BP	63941	APBA2BP	20
APBB1IP	54518	APBB1IP	10
APBB2	323	APBB2	
APBB3	10307	APBB3	5
APC	324	APC	5
APCDD1	147495	APCDD1	18

APEG1	10290	APEG1	2
APEH	327	APEH	3
APEX1	328	APEX1	14
APEX2	27301	APEX2	X
APH1B	83464	APH1B	15
API5	8539	API5	11
APIP	51074	APIP	11
APITD1	378708	APITD1	1
APLP1	333	APLP1	19
APLP2	334	APLP2	11
APM-1	201501	APM-1	18
APOA1BP	128240	APOA1BP	1
APOA4	337	APOA4	11
APOBEC3B	9582	APOBEC3B	22
APOBEC3F	200316	APOBEC3F	22
APOBEC3G	60489	APOBEC3G	22
APOBEC3H	164668	APOBEC3H	22
APOC3	345	APOC3	11
APOE	348	APOE	19
APOL2	23780	APOL2	22
APOL3	80833	APOL3	22
APOL6	80830	APOL6	22
APOLD1	81575	APOLD1	12
APOM	55937	APOM	6
APOO	79135	APOO	X
APOOL	139322	APOOL	X
APPBP2	10513	APPBP2	17
APPL2	55198	APPL2	12
APRT	353	APRT	16
APTX	54840	APTX	9
AQP11	282679	AQP11	11
AQP3	360	AQP3	9
AQP7P1	375719	AQP7P1	9
AQR	9716	AQR	15
ARAF	369	ARAF	X
ARAP1	116985	ARAP1	11
ARAP3	64411	ARAP3	5
ARC	23237	ARC	8
ARCN1	372	ARCN1	11
ARD1A	8260	ARD1A	X
ARD1B	84779	ARD1B	4
ARF3	377	ARF3	12
ARF4	378	ARF4	3
ARF5	381	ARF5	7

ARF6	382	ARF6	14
ARFGAP1	55738	ARFGAP1	20
ARFGAP2	84364	ARFGAP2	11
ARFGAP3	26286	ARFGAP3	22
ARFGEF1	10565	ARFGEF1	8
ARFGEF2	10564	ARFGEF2	20
ARFIP1	27236	ARFIP1	4
ARFIP2	23647	ARFIP2	11
ARG2	384	ARG2	14
ARG99	83857	ARG99	12
ARGFXP2	503640	ARGFXP2	17
ARGLU1	55082	ARGLU1	13
ARHGAP1	392	ARHGAP1	11
ARHGAP10	79658	ARHGAP10	4
ARHGAP11A	9824	ARHGAP11A	15
ARHGAP11B	89839	ARHGAP11B	15
ARHGAP12	94134	ARHGAP12	10
ARHGAP15	55843	ARHGAP15	2
ARHGAP17	55114	ARHGAP17	16
ARHGAP18	93663	ARHGAP18	6
ARHGAP19	84986	ARHGAP19	10
ARHGAP21	57584	ARHGAP21	10
ARHGAP23	57636	ARHGAP23	17
ARHGAP24	83478	ARHGAP24	4
ARHGAP25	9938	ARHGAP25	2
ARHGAP26	23092	ARHGAP26	5
ARHGAP27	201176	ARHGAP27	17
ARHGAP30	257106	ARHGAP30	1
ARHGAP4	393	ARHGAP4	X
ARHGAP5	394	ARHGAP5	14
ARHGAP9	64333	ARHGAP9	12
ARHGDIA	396	ARHGDIA	17
ARHGDIB	397	ARHGDIB	12
ARHGEF1	9138	ARHGEF1	19
ARHGEF10	9639	ARHGEF10	8
ARHGEF11	9826	ARHGEF11	1
ARHGEF12	23365	ARHGEF12	11
ARHGEF16	27237	ARHGEF16	1
ARHGEF18	23370	ARHGEF18	19
ARHGEF19	128272	ARHGEF19	1
ARHGEF2	9181	ARHGEF2	1
ARHGEF3	50650	ARHGEF3	3
ARHGEF4	50649	ARHGEF4	2
ARHGEF6	9459	ARHGEF6	X

ARHGEF7	8874	ARHGEF7	13
ARHGEF9	23229	ARHGEF9	X
ARID1B	57492	ARID1B	6
ARID2	196528	ARID2	12
ARID3A	1820	ARID3A	19
ARID3B	10620	ARID3B	15
ARID3C	138715	ARID3C	9
ARID4A	5926	ARID4A	14
ARID4B	51742	ARID4B	1
ARID5A	10865	ARID5A	2
ARID5B	84159	ARID5B	10
ARIH1	25820	ARIH1	15
ARL1	400	ARL1	12
ARL11	115761	ARL11	13
ARL13B	200894	ARL13B	3
ARL15	54622	ARL15	5
ARL16	339231	ARL16	17
ARL17B	641522	ARL17B	17
ARL17P1	51326	ARL17P1	17
ARL2	402	ARL2	11
ARL2BP	23568	ARL2BP	16
ARL3	403	ARL3	10
ARL4A	10124	ARL4A	7
ARL4C	10123	ARL4C	2
ARL5A	26225	ARL5A	2
ARL5B	221079	ARL5B	10
ARL5C	390790	ARL5C	
ARL6	84100	ARL6	3
ARL6IP1	23204	ARL6IP1	16
ARL6IP4	51329	ARL6IP4	12
ARL6IP5	10550	ARL6IP5	3
ARL6IP6	151188	ARL6IP6	2
ARL8A	127829	ARL8A	1
ARL8B	55207	ARL8B	3
ARL9	132946	ARL9	4
ARMC10	83787	ARMC10	7
ARMC5	79798	ARMC5	16
ARMC6	93436	ARMC6	19
ARMC7	79637	ARMC7	17
ARMC8	25852	ARMC8	3
ARMCX1	51309	ARMCX1	X
ARMCX2	9823	ARMCX2	X
ARMCX3	51566	ARMCX3	X
ARMCX6	54470	ARMCX6	X

ARMET	7873	ARMET	3
ARNT	405	ARNT	1
ARNT2	9915	ARNT2	15
ARNTL	406	ARNTL	11
ARP11	653857	ARP11	7
ARPC1A	10552	ARPC1A	7
ARPC1B	10095	ARPC1B	7
ARPC2	10109	ARPC2	2
ARPC3	10094	ARPC3	12
ARPC4	10093	ARPC4	3
ARPC5	10092	ARPC5	1
ARPC5L	81873	ARPC5L	9
ARPM1	84517	ARPM1	3
ARPP19	10776	ARPP19	15
ARPP-21	10777	ARPP-21	3
ARR3	407	ARR3	X
ARRB2	409	ARRB2	17
ARRDC1	92714	ARRDC1	9
ARRDC2	27106	ARRDC2	19
ARRDC3	57561	ARRDC3	5
ARRDC4	91947	ARRDC4	15
ARRDC5	645432	ARRDC5	19
ARSA	410	ARSA	22
ARSB	411	ARSB	5
ARSK	153642	ARSK	5
ART3	419	ART3	4
ARV1	64801	ARV1	1
AS3MT	57412	AS3MT	10
ASAH1	427	ASAH1	8
ASAP1	50807	ASAP1	8
ASAP2	8853	ASAP2	2
ASAP3	55616	ASAP3	1
ASB1	51665	ASB1	2
ASB13	79754	ASB13	10
ASB16	92591	ASB16	17
ASB17	127247	ASB17	1
ASB2	51676	ASB2	14
ASB3	51130	ASB3	2
ASB6	140459	ASB6	9
ASB7	140460	ASB7	15
ASB8	140461	ASB8	12
ASCC1	51008	ASCC1	10
ASCL5	647219	ASCL5	1
ASF1A	25842	ASF1A	6

ASF1B	55723	ASF1B	19
ASFMR1	100126270	ASFMR1	X
ASGR1	432	ASGR1	17
ASH1L	55870	ASH1L	1
ASH2L	9070	ASH2L	
ASIP	434	ASIP	20
ASL	435	ASL	7
ASMT	438	ASMT	YX
ASMTL	8623	ASMTL	
ASNS	440	ASNS	7
ASNSD1	54529	ASNSD1	2
ASPA	443	ASPA	17
ASPG	374569	ASPG	14
ASPH	444	ASPH	8
ASPHD2	57168	ASPHD2	22
ASPM	259266	ASPM	1
ASPRV1	151516	ASPRV1	2
ASPSCR1	79058	ASPSCR1	17
ASRGL1	80150	ASRGL1	11
ASS1	445	ASS1	9
ASTE1	28990	ASTE1	3
ASTN2	23245	ASTN2	9
ASXL1	171023	ASXL1	20
ASXL3	80816	ASXL3	18
ATAD1	84896	ATAD1	10
ATAD2	29028	ATAD2	8
ATAD2B	54454	ATAD2B	2
ATAD3A	55210	ATAD3A	1
ATAD3B	83858	ATAD3B	1
ATAD5	79915	ATAD5	17
ATE1	11101	ATE1	10
ATF1	466	ATF1	12
ATF2	1386	ATF2	2
ATF3	467	ATF3	1
ATF4	468	ATF4	22
ATF5	22809	ATF5	19
ATF6	22926	ATF6	1
ATF6B	1388	ATF6B	6
ATF7IP2	80063	ATF7IP2	16
ATG10	83734	ATG10	5
ATG12	9140	ATG12	5
ATG16L1	55054	ATG16L1	2
ATG16L2	89849	ATG16L2	11
ATG2A	23130	ATG2A	11

ATG3	64422	ATG3	3
ATG4A	115201	ATG4A	X
ATG4B	23192	ATG4B	2
ATG4C	84938	ATG4C	1
ATG4D	84971	ATG4D	19
ATG5	9474	ATG5	6
ATG7	10533	ATG7	3
ATG9A	79065	ATG9A	2
ATHL1	80162	ATHL1	11
ATIC	471	ATIC	2
ATL1	51062	ATL1	14
ATL2	64225	ATL2	2
ATL3	25923	ATL3	11
ATM	472	ATM	11
ATMIN	23300	ATMIN	16
ATN1	1822	ATN1	12
ATOH1	474	ATOH1	4
ATOH7	220202	ATOH7	10
ATOH8	84913	ATOH8	2
ATOX1	475	ATOX1	5
ATP10A	57194	ATP10A	15
ATP10B	23120	ATP10B	5
ATP11B	23200	ATP11B	3
ATP11C	286410	ATP11C	X
ATP13A1	57130	ATP13A1	19
ATP13A2	23400	ATP13A2	1
ATP13A4	84239	ATP13A4	3
ATP1A1	476	ATP1A1	1
ATP1A3	478	ATP1A3	19
ATP1B1	481	ATP1B1	1
ATP1B2	482	ATP1B2	17
ATP1B3	483	ATP1B3	
ATP2A2	488	ATP2A2	12
ATP2A3	489	ATP2A3	17
ATP2B1	490	ATP2B1	12
ATP2B4	493	ATP2B4	1
ATP2C2	9914	ATP2C2	16
ATP4A	495	ATP4A	19
ATP5A1	498	ATP5A1	18
ATP5B	506	ATP5B	12
ATP5C1	509	ATP5C1	10
ATP5D	513	ATP5D	19
ATP5E	514	ATP5E	20
ATP5EP2	432369	ATP5EP2	13

ATP5F1	515	ATP5F1	1
ATP5G1	516	ATP5G1	17
ATP5G2	517	ATP5G2	12
ATP5G3	518	ATP5G3	2
ATP5H	10476	ATP5H	17
ATP5I	521	ATP5I	4
ATP5J	522	ATP5J	21
ATP5J2	9551	ATP5J2	7
ATP5L	10632	ATP5L	11
ATP5O	539	ATP5O	21
ATP5S	27109	ATP5S	14
ATP5SL	55101	ATP5SL	19
ATP6AP1	537	ATP6AP1	X
ATP6AP1L	92270	ATP6AP1L	5
ATP6AP2	10159	ATP6AP2	X
ATP6V0A1	535	ATP6V0A1	17
ATP6V0A2	23545	ATP6V0A2	12
ATP6V0B	533	ATP6V0B	1
ATP6V0C	527	ATP6V0C	
ATP6V0D1	9114	ATP6V0D1	16
ATP6V0D2	245972	ATP6V0D2	8
ATP6V0E1	8992	ATP6V0E1	5
ATP6V0E2	155066	ATP6V0E2	7
ATP6V1A	523	ATP6V1A	3
ATP6V1B2	526	ATP6V1B2	8
ATP6V1C1	528	ATP6V1C1	8
ATP6V1C2	245973	ATP6V1C2	2
ATP6V1D	51382	ATP6V1D	14
ATP6V1E1	529	ATP6V1E1	22
ATP6V1E2	90423	ATP6V1E2	2
ATP6V1F	9296	ATP6V1F	7
ATP6V1G1	9550	ATP6V1G1	9
ATP6V1G2	534	ATP6V1G2	6
ATP6V1H	51606	ATP6V1H	8
ATP7A	538	ATP7A	X
ATP7B	540	ATP7B	13
ATP8A1	10396	ATP8A1	4
ATP8B2	57198	ATP8B2	1
ATP9B	374868	ATP9B	18
ATPAF1	64756	ATPAF1	1
ATPAF2	91647	ATPAF2	17
ATPBD1B	54707	ATPBD1B	1
ATPBD3	90353	ATPBD3	19
ATPBD4	89978	ATPBD4	15

ATPGD1	57571	ATPGD1	11
ATPIF1	93974	ATPIF1	1
ATRIP	84126	ATRIP	3
ATRN	8455	ATRN	20
ATXN1	6310	ATXN1	6
ATXN10	25814	ATXN10	22
ATXN1L	342371	ATXN1L	16
ATXN2	6311	ATXN2	12
ATXN2L	11273	ATXN2L	16
ATXN3	4287	ATXN3	14
ATXN7L2	127002	ATXN7L2	1
ATXN7L3	56970	ATXN7L3	17
AUH	549	AUH	9
AUP1	550	AUP1	2
AURKA	6790	AURKA	20
AURKAIP1	54998	AURKAIP1	1
AURKAPS1	6791	AURKAPS1	1
AURKB	9212	AURKB	17
AUTS2	26053	AUTS2	7
AVEN	57099	AVEN	15
AVIL	10677	AVIL	12
AVL9	23080	AVL9	7
AVP	551	AVP	20
AVPI1	60370	AVPI1	10
AXIN1	8312	AXIN1	16
AXIN2	8313	AXIN2	17
AXUD1	64651	AXUD1	3
AYP1P1	386608	AYP1p1	
AZGP1	563	AZGP1	7
AZI1	22994	AZI1	17
AZI2	64343	AZI2	3
AZIN1	51582	AZIN1	8
B2M	567	B2M	15
B3GALNT1	8706	B3GALNT1	3
B3GALNT2	148789	B3GALNT2	1
B3GALT2	8707	B3GALT2	1
B3GALT6	126792	B3GALT6	1
B3GALTL	145173	B3GALTL	13
B3GAT3	26229	B3GAT3	11
B3GNT2	10678	B3GNT2	2
B3GNT3	10331	B3GNT3	19
B3GNT4	79369	B3GNT4	12
B3GNT6	11041	B3GNT6	11
B3GNT8	374907	B3GNT8	19

B3GNTL1	146712	B3GNTL1	17
B4GALNT1	2583	B4GALNT1	12
B4GALNT3	283358	B4GALNT3	12
B4GALNT4	338707	B4GALNT4	11
B4GALT1	2683	B4GALT1	9
B4GALT2	8704	B4GALT2	1
B4GALT3	8703	B4GALT3	1
B4GALT4	8702	B4GALT4	3
B4GALT5	9334	B4GALT5	20
B4GALT6	9331	B4GALT6	18
B4GALT7	11285	B4GALT7	5
B9D1	27077	B9D1	17
B9D2	80776	B9D2	19
BACE2	25825	BACE2	21
BACH2	60468	BACH2	6
BAD	572	BAD	11
BAG1	573	BAG1	9
BAG2	9532	BAG2	6
BAG3	9531	BAG3	10
BAG5	9529	BAG5	14
BAGE2	85319	BAGE2	
BAGE4	85317	BAGE4	21
BAI3	577	BAI3	6
BAIAP2	10458	BAIAP2	17
BAIAP2L1	55971	BAIAP2L1	7
BAIAP2L2	80115	BAIAP2L2	22
BAIAP3	8938	BAIAP3	16
BAMBI	25805	BAMBI	10
BANF1	8815	BANF1	11
BANF2	140836	BANF2	20
BANK1	55024	BANK1	4
BANP	54971	BANP	16
BAP1	8314	BAP1	3
BAPX1	579	BAPX1	4
BARD1	580	BARD1	2
BARX1	56033	BARX1	9
BASP1	10409	BASP1	5
BAT1	7919	BAT1	6
BAT2L	84726	BAT2L	9
BAT3	7917	BAT3	6
BAT4	7918	BAT4	6
BAT5	7920	BAT5	6
BATF	10538	BATF	14
BATF2	116071	BATF2	11

BATF3	55509	BATF3	1
BAX	581	BAX	19
BAZ1A	11177	BAZ1A	14
BAZ1B	9031	BAZ1B	7
BAZ2B	29994	BAZ2B	2
BBC3	27113	BBC3	19
BBOX1	8424	BBOX1	11
BBS1	582	BBS1	11
BBS10	79738	BBS10	12
BBS12	166379	BBS12	4
BBS2	583	BBS2	16
BBS4	585	BBS4	15
BBS7	55212	BBS7	4
BBS9	27241	BBS9	7
BBX	56987	BBX	3
BCAM	4059	BCAM	19
BCAN	63827	BCAN	1
BCAP29	55973	BCAP29	7
BCAP31	10134	BCAP31	X
BCAR1	9564	BCAR1	16
BCAR3	8412	BCAR3	1
BCAR4	400500	BCAR4	16
BCAS1	8537	BCAS1	20
BCAS4	55653	BCAS4	20
BCAT1	586	BCAT1	12
BCAT2	587	BCAT2	19
BCCIP	56647	BCCIP	10
BCDIN3D	144233	BCDIN3D	12
BCHE	590	BCHE	3
BCKDHA	593	BCKDHA	19
BCKDHB	594	BCKDHB	6
BCKDK	10295	BCKDK	16
BCL10	8915	BCL10	1
BCL11A	53335	BCL11A	2
BCL2	596	BCL2	18
BCL2A1	597	BCL2A1	15
BCL2L1	598	BCL2L1	20
BCL2L10	10017	BCL2L10	15
BCL2L11	10018	BCL2L11	2
BCL2L12	83596	BCL2L12	19
BCL2L13	23786	BCL2L13	22
BCL3	602	BCL3	19
BCL6	604	BCL6	3
BCL6B	255877	BCL6B	17

BCL7A	605	BCL7A	12
BCL7B	9275	BCL7B	7
BCL7C	9274	BCL7C	16
BCL9	607	BCL9	1
BCL9L	283149	BCL9L	11
BCLAF1	9774	BCLAF1	6
BCOR	54880	BCOR	X
BCORL1	63035	BCORL1	X
BCR	613	BCR	22
BCS1L	617	BCS1L	2
BCYRN1	618	BCYRN1	2
BDKRB2	624	BDKRB2	14
BEAN	146227	BEAN	16
BECN1	8678	BECN1	17
BEGAIN	57596	BEGAIN	14
BEND3	57673	BEND3	6
BEND4	389206	BEND4	4
BEND5	79656	BEND5	1
BEND6	221336	BEND6	6
BEND7	222389	BEND7	10
BEST1	7439	BEST1	11
BEST3	144453	BEST3	12
BEST4	266675	BEST4	1
BET1	10282	BET1	7
BET1L	51272	BET1L	11
BEX2	84707	BEX2	X
BEX4	56271	BEX4	X
BEX5	340542	BEX5	X
BEXL1	56271	BEXL1	
BFAR	51283	BFAR	16
BFSP2	8419	BFSP2	3
BGLAP	632	BGLAP	1
BGN	633	BGN	X
BHLHB2	8553	BHLHB2	3
BHLHB3	79365	BHLHB3	12
BHLHB9	80823	BHLHB9	X
BHLHE22	27319	BHLHE22	8
BICC1	80114	BICC1	10
BICD1	636	BICD1	12
BICD2	23299	BICD2	9
BID	637	BID	22
BIK	638	BIK	22
BIN1	274	BIN1	2
BIN3	55909	BIN3	8

BIRC2	329	BIRC2	11
BIRC3	330	BIRC3	11
BIRC5	332	BIRC5	17
BIVM	54841	BIVM	13
BLCAP	10904	BLCAP	20
BLK	640	BLK	8
BLM	641	BLM	15
BLMH	642	BLMH	17
BLNK	29760	BLNK	10
BLOC1S1	2647	BLOC1S1	12
BLOC1S2	282991	BLOC1S2	10
BLR1	643	BLR1	11
BLVRA	644	BLVRA	7
BLVRB	645	BLVRB	
BLZF1	8548	BLZF1	1
BMF	90427	BMF	15
BMI1	648	BMI1	10
BMP2K	55589	BMP2K	4
BMP3	651	BMP3	4
BMP4	652	BMP4	14
BMP5	653	BMP5	6
BMP6	654	BMP6	6
BMP7	655	BMP7	20
BMP8B	656	BMP8B	1
BMPR1A	657	BMPR1A	10
BMPR2	659	BMPR2	2
BMS1P5	399761	BMS1P5	10
BMX	660	BMX	X
BNIP1	662	BNIP1	5
BNIP2	663	BNIP2	15
BNIP3	664	BNIP3	10
BNIP3L	665	BNIP3L	8
BOLA2	552900	BOLA2	16
BOLA3	388962	BOLA3	2
BOP1	23246	BOP1	8
BP75	23629	BP75	6
BPGM	669	BPGM	7
BPHL	670	BPHL	6
BPIL1	80341	BPIL1	20
BPNT1	10380	BPNT1	1
BPY2B	442867	BPY2B	Y
BRAF	673	BRAF	7
BRCA1	672	BRCA1	17
BRCA2	675	BRCA2	13

BRCC3	79184	BRCC3	X
BRD1	23774	BRD1	22
BRD2	6046	BRD2	6
BRD3	8019	BRD3	9
BRD4	23476	BRD4	19
BRD7	29117	BRD7	16
BRD7P2	647076	BRD7P2	
BRD8	10902	BRD8	5
BRD9	65980	BRD9	5
BRDG1	26228	BRDG1	4
BRE	9577	BRE	2
BRF2	55290	BRF2	8
BRI3	25798	BRI3	7
BRI3BP	140707	BRI3BP	
BRI3P1	730010	BRI3P1	
BRIX1	55299	BRIX1	5
BRMS1	25855	BRMS1	11
BRMS1L	84312	BRMS1L	14
BRP44	25874	BRP44	1
BRP44L	51660	BRP44L	6
BRPF1	7862	BRPF1	3
BRPF3	27154	BRPF3	6
BRSK1	84446	BRSK1	19
BRUNOL6	60677	BRUNOL6	15
BRWD1	54014	BRWD1	21
BRWD2	55717	BRWD2	10
BRWD3	254065	BRWD3	X
BSCL2	26580	BSCL2	11
BSDC1	55108	BSDC1	1
BSG	682	BSG	19
BSN	8927	BSN	3
BSND	7809	BSND	1
BSPRY	54836	BSPRY	9
BST2	684	BST2	19
BTAF1	9044	BTAF1	10
BTBD10	84280	BTBD10	11
BTBD12	84464	BTBD12	16
BTBD2	55643	BTBD2	19
BTBD3	22903	BTBD3	20
BTBD6	90135	BTBD6	14
BTBD9	114781	BTBD9	6
BTD	686	BTD	3
BTF3	689	BTF3	5
BTF3L4	91408	BTF3L4	1

BTG1	694	BTG1	12
BTG2	7832	BTG2	1
BTG3	10950	BTG3	21
BTK	695	BTK	X
BTLA	151888	BTLA	3
BTN1A1	696	BTN1A1	6
BTN2A1	11120	BTN2A1	6
BTN2A2	10385	BTN2A2	6
BTN2A3	54718	BTN2A3	6
BTN3A1	11119	BTN3A1	6
BTN3A2	11118	BTN3A2	6
BTN3A3	10384	BTN3A3	6
BTNL9	153579	BTNL9	5
BTRC	8945	BTRC	10
BUB1	699	BUB1	2
BUB1B	701	BUB1B	15
BUB3	9184	BUB3	10
BUD13	84811	BUD13	11
BUD31	8896	BUD31	7
BYSL	705	BYSL	6
BZRAP1	9256	BZRAP1	17
BZRPL1	222642	BZRPL1	6
BZW1	9689	BZW1	
BZW2	28969	BZW2	7
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C10ORF115	387642	C10orf115	
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C10ORF119	79892	C10orf119	10
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C10ORF125	282969	C10orf125	10
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C10ORF2	56652	C10orf2	10
C10ORF26	54838	C10orf26	10
C10ORF28	27291	C10orf28	10
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C10ORF33	84795	C10orf33	10

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C11ORF68	83638	C11orf68	11
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C13ORF23	80209	C13orf23	13
C13ORF25	407975	C13orf25	13
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C19ORF66	55337	C19orf66	19
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C19ORF73	55150	C19orf73	19
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C1ORF106	55765	C1orf106	1
C1ORF107	27042	C1orf107	1
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C1ORF112	55732	C1orf112	1
C1ORF120	388719	C1orf120	1
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C1ORF182	128229	C1orf182	1
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C1ORF198	84886	C1orf198	1
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C1ORF203	84852	C1orf203	
C1ORF21	81563	C1orf21	1
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C1ORF212	113444	C1orf212	1
C1ORF213	148898	C1orf213	1

C1ORF216	127703	C1orf216	1
C1ORF218	54530	C1orf218	1
C1ORF220	400798	C1orf220	1
C1ORF24	116496	C1orf24	1
C1ORF25	81627	C1orf25	1
C1ORF26	54823	C1orf26	
C1ORF31	388753	C1orf31	1
C1ORF35	79169	C1orf35	1
C1ORF38	9473	C1orf38	1
C1ORF41	51668	C1orf41	1
C1ORF43	25912	C1orf43	1
C1ORF49	84066	C1orf49	1
C1ORF50	79078	C1orf50	1
C1ORF52	148423	C1orf52	1
C1ORF53	388722	C1orf53	1
C1ORF54	79630	C1orf54	1
C1ORF55	163859	C1orf55	1
C1ORF56	54964	C1orf56	1
C1ORF57	84284	C1orf57	1
C1ORF58	148362	C1orf58	1
C1ORF59	113802	C1orf59	1
C1ORF61	10485	C1orf61	1
C1ORF63	57035	C1orf63	1
C1ORF65	164127	C1orf65	1
C1ORF66	51093	C1orf66	1
C1ORF69	200205	C1orf69	1
C1ORF74	148304	C1orf74	1
C1ORF77	26097	C1orf77	1
C1ORF83	127428	C1orf83	1
C1ORF85	112770	C1orf85	1
C1ORF86	199990	C1orf86	1
C1ORF9	51430	C1orf9	1
C1ORF91	56063	C1orf91	1
C1ORF93	127281	C1orf93	1
C1ORF97	84791	C1orf97	1
C1QA	712	C1QA	1
C1QBP	708	C1QBP	17
C1QL1	10882	C1QL1	17
C1QL2	165257	C1QL2	
C1QL4	338761	C1QL4	12
C1QTNF2	114898	C1QTNF2	5
C1QTNF3	114899	C1QTNF3	5
C1QTNF6	114904	C1QTNF6	22
C1QTNF7	114905	C1QTNF7	4

C1QTNF9	338872	C1QTNF9	13
C20ORF100	84969	C20orf100	20
C20ORF103	24141	C20orf103	20
C20ORF106	200232	C20orf106	20
C20ORF107	388799	C20orf107	20
C20ORF108	116151	C20orf108	20
C20ORF11	54994	C20orf11	20
C20ORF111	51526	C20orf111	20
C20ORF112	140688	C20orf112	20
C20ORF117	140710	C20orf117	20
C20ORF12	55184	C20orf12	20
C20ORF127	140851	C20orf127	20
C20ORF134	170487	C20orf134	20
C20ORF141	128653	C20orf141	20
C20ORF160	140706	C20orf160	20
C20ORF165	128497	C20orf165	20
C20ORF177	63939	C20orf177	20
C20ORF191	149934	C20orf191	20
C20ORF196	149840	C20orf196	20
C20ORF199	441951	C20orf199	20
C20ORF20	55257	C20orf20	20
C20ORF24	55969	C20orf24	20
C20ORF29	55317	C20orf29	20
C20ORF3	57136	C20orf3	20
C20ORF30	29058	C20orf30	20
C20ORF4	25980	C20orf4	20
C20ORF43	51507	C20orf43	20
C20ORF46	55321	C20orf46	20
C20ORF51	63930	C20orf51	20
C20ORF52	140823	C20orf52	20
C20ORF55	83541	C20orf55	20
C20ORF7	79133	C20orf7	20
C20ORF72	92667	C20orf72	20
C20ORF75	164312	C20orf75	20
C20ORF86	140731	C20orf86	
C20ORF96	140680	C20orf96	20
C21ORF119	84996	C21orf119	21
C21ORF122	84739	C21orf122	21
C21ORF124	85006	C21orf124	21
C21ORF129	150135	C21orf129	21
C21ORF2	755	C21orf2	21
C21ORF24	400866	C21orf24	21
C21ORF30	54083	C21orf30	21
C21ORF33	8209	C21orf33	21

C21ORF34	388815	C21orf34	21
C21ORF37	54076	C21orf37	21
C21ORF42	54072	C21orf42	21
C21ORF45	54069	C21orf45	21
C21ORF51	54065	C21orf51	
C21ORF54	728409	C21orf54	21
C21ORF55	54943	C21orf55	21
C21ORF56	84221	C21orf56	21
C21ORF57	54059	C21orf57	21
C21ORF58	54058	C21orf58	21
C21ORF59	56683	C21orf59	21
C21ORF63	59271	C21orf63	21
C21ORF66	94104	C21orf66	21
C21ORF67	84536	C21orf67	21
C21ORF69	84537	C21orf69	21
C21ORF7	56911	C21orf7	21
C21ORF70	85395	C21orf70	21
C21ORF77	55264	C21orf77	21
C21ORF84	114038	C21orf84	21
C21ORF91	54149	C21orf91	21
C21ORF93	246704	C21orf93	21
C21ORF96	80215	C21orf96	
C22ORF13	83606	C22orf13	22
C22ORF23	84645	C22orf23	22
C22ORF24	25775	C22orf24	22
C22ORF25	128989	C22orf25	22
C22ORF26	55267	C22orf26	22
C22ORF28	51493	C22orf28	22
C22ORF29	79680	C22orf29	22
C22ORF30	253143	C22orf30	22
C22ORF32	91689	C22orf32	22
C22ORF33	339669	C22orf33	22
C22ORF34	348645	C22orf34	22
C22ORF36	388886	C22orf36	22
C22ORF39	128977	C22orf39	22
C22ORF40	150383	C22orf40	22
C22ORF9	23313	C22orf9	22
C2CD2	25966	C2CD2	21
C2CD2L	9854	C2CD2L	11
C2CD3	26005	C2CD3	11
C2CD4D	100191040	C2CD4D	1
C2ORF15	150590	C2orf15	2
C2ORF18	54978	C2orf18	2
C2ORF21	285175	C2orf21	2

C2ORF24	27013	C2orf24	2
C2ORF25	27249	C2orf25	2
C2ORF27A	29798	C2orf27A	2
C2ORF28	51374	C2orf28	2
C2ORF30	27248	C2orf30	2
C2ORF37	80067	C2orf37	2
C2ORF42	54980	C2orf42	2
C2ORF43	60526	C2orf43	2
C2ORF44	80304	C2orf44	2
C2ORF47	79568	C2orf47	2
C2ORF48	348738	C2orf48	2
C2ORF49	79074	C2orf49	2
C2ORF52	151477	C2orf52	2
C2ORF56	55471	C2orf56	2
C2ORF63	130162	C2orf63	2
C2ORF64	493753	C2orf64	2
C2ORF65	130951	C2orf65	2
C2ORF68	388969	C2orf68	2
C2ORF69	205327	C2orf69	2
C2ORF7	84279	C2orf7	2
C2ORF73	129852	C2orf73	2
C2ORF76	130355	C2orf76	2
C2ORF77	129881	C2orf77	2
C2ORF79	391356	C2orf79	2
C2ORF80	389073	C2orf80	2
C2ORF82	389084	C2orf82	2
C2ORF88	84281	C2orf88	2
C2ORF89	129293	C2orf89	2
C3ORF1	51300	C3orf1	3
C3ORF10	55845	C3orf10	3
C3ORF14	57415	C3orf14	3
C3ORF15	89876	C3orf15	3
C3ORF17	25871	C3orf17	3
C3ORF18	51161	C3orf18	3
C3ORF19	51244	C3orf19	3
C3ORF21	152002	C3orf21	3
C3ORF23	285343	C3orf23	3
C3ORF25	90288	C3orf25	3
C3ORF26	84319	C3orf26	3
C3ORF31	132001	C3orf31	3
C3ORF32	51066	C3orf32	3
C3ORF34	84984	C3orf34	3
C3ORF37	56941	C3orf37	3
C3ORF38	285237	C3orf38	3

C3ORF39	84892	C3orf39	3
C3ORF42	84657	C3orf42	3
C3ORF46	255330	C3orf46	3
C3ORF52	79669	C3orf52	3
C3ORF54	389119	C3orf54	3
C3ORF57	165679	C3orf57	3
C3ORF58	205428	C3orf58	3
C3ORF59	151963	C3orf59	3
C3ORF60	25915	C3orf60	3
C3ORF62	375341	C3orf62	3
C3ORF63	23272	C3orf63	3
C3ORF64	285203	C3orf64	3
C3ORF70	285382	C3orf70	3
C3ORF71	646450	C3orf71	3
C3ORF74	100128378	C3orf74	
C3ORF75	54859	C3orf75	3
C4BPB	725	C4BPB	1
C4ORF12	404201	C4orf12	4
C4ORF14	84273	C4orf14	4
C4ORF16	55435	C4orf16	4
C4ORF18	51313	C4orf18	4
C4ORF22	255119	C4orf22	4
C4ORF23	152992	C4orf23	4
C4ORF26	152816	C4orf26	4
C4ORF27	54969	C4orf27	4
C4ORF29	80167	C4orf29	4
C4ORF32	132720	C4orf32	4
C4ORF33	132321	C4orf33	4
C4ORF34	201895	C4orf34	4
C4ORF39	152756	C4orf39	4
C4ORF41	60684	C4orf41	4
C4ORF43	55319	C4orf43	4
C4ORF46	201725	C4orf46	4
C4ORF47	441054	C4orf47	4
C4ORF49	84709	C4orf49	4
C5	727	C5	9
C5AR1	728	C5AR1	19
C5ORF13	9315	C5orf13	5
C5ORF15	56951	C5orf15	5
C5ORF20	140947	C5orf20	5
C5ORF21	83989	C5orf21	5
C5ORF22	55322	C5orf22	5
C5ORF24	134553	C5orf24	5
C5ORF25	375484	C5orf25	5

C5ORF27	202299	C5orf27	5
C5ORF28	64417	C5orf28	5
C5ORF30	90355	C5orf30	5
C5ORF32	84418	C5orf32	5
C5ORF33	133686	C5orf33	5
C5ORF34	375444	C5orf34	5
C5ORF35	133383	C5orf35	5
C5ORF36	285600	C5orf36	5
C5ORF37	134359	C5orf37	5
C5ORF39	389289	C5orf39	5
C5ORF41	153222	C5orf41	5
C5ORF42	65250	C5orf42	5
C5ORF44	80006	C5orf44	5
C5ORF45	51149	C5orf45	5
C5ORF5	51306	C5orf5	5
C5ORF51	285636	C5orf51	5
C5ORF53	492311	C5orf53	5
C6	729	C6	5
C6ORF1	221491	C6orf1	6
C6ORF100	729583	C6orf100	
C6ORF105	84830	C6orf105	6
C6ORF106	64771	C6orf106	6
C6ORF107	54887	C6orf107	6
C6ORF108	10591	C6orf108	6
C6ORF111	25957	C6orf111	6
C6ORF114	85411	C6orf114	6
C6ORF115	58527	C6orf115	6
C6ORF117	112609	C6orf117	6
C6ORF120	387263	C6orf120	6
C6ORF124	653483	C6orf124	6
C6ORF125	84300	C6orf125	6
C6ORF129	154467	C6orf129	6
C6ORF130	221443	C6orf130	6
C6ORF136	221545	C6orf136	6
C6ORF138	442213	C6orf138	6
C6ORF140	389396	C6orf140	
C6ORF145	221749	C6orf145	
C6ORF148	80759	C6orf148	6
C6ORF150	115004	C6orf150	6
C6ORF154	221424	C6orf154	6
C6ORF155	79940	C6orf155	6
C6ORF160	387066	C6orf160	
C6ORF162	57150	C6orf162	6
C6ORF163	206412	C6orf163	6

C6ORF170	221322	C6orf170	6
C6ORF173	387103	C6orf173	6
C6ORF182	285753	C6orf182	6
C6ORF184	221261	C6orf184	6
C6ORF191	253582	C6orf191	6
C6ORF192	116843	C6orf192	6
C6ORF199	221264	C6orf199	6
C6ORF203	51250	C6orf203	6
C6ORF204	387119	C6orf204	6
C6ORF211	79624	C6orf211	6
C6ORF218	221718	C6orf218	6
C6ORF222	389384	C6orf222	6
C6ORF223	221416	C6orf223	6
C6ORF224	222521	C6orf224	6
C6ORF225	619208	C6orf225	6
C6ORF26	401251	C6orf26	6
C6ORF47	57827	C6orf47	6
C6ORF48	50854	C6orf48	6
C6ORF52	347744	C6orf52	
C6ORF57	135154	C6orf57	6
C6ORF58	352999	C6orf58	6
C6ORF59	79992	C6orf59	
C6ORF61	54844	C6orf61	6
C6ORF62	81688	C6orf62	6
C6ORF66	29078	C6orf66	6
C6ORF72	116254	C6orf72	6
C6ORF81	221481	C6orf81	6
C6ORF89	221477	C6orf89	6
C7ORF10	79783	C7orf10	7
C7ORF11	136647	C7orf11	7
C7ORF13	129790	C7orf13	7
C7ORF20	51608	C7orf20	
C7ORF23	79161	C7orf23	7
C7ORF25	79020	C7orf25	7
C7ORF26	79034	C7orf26	7
C7ORF27	221927	C7orf27	7
C7ORF28A	51622	C7orf28A	
C7ORF28B	221960	C7orf28B	
C7ORF29	113763	C7orf29	7
C7ORF30	115416	C7orf30	7
C7ORF31	136895	C7orf31	7
C7ORF36	57002	C7orf36	7
C7ORF38	221786	C7orf38	7
C7ORF40	285958	C7orf40	7

C7ORF41	222166	C7orf41	7
C7ORF42	55069	C7orf42	7
C7ORF43	55262	C7orf43	7
C7ORF44	55744	C7orf44	7
C7ORF47	221908	C7orf47	7
C7ORF49	78996	C7orf49	7
C7ORF50	84310	C7orf50	7
C7ORF51	222950	C7orf51	7
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C7ORF55	154791	C7orf55	7
C7ORF57	136288	C7orf57	7
C7ORF58	79974	C7orf58	7
C7ORF59	389541	C7orf59	7
C7ORF61	402573	C7orf61	7
C7ORF65	401335	C7orf65	7
C7ORF68	29923	C7orf68	7
C7ORF70	84792	C7orf70	7
C8ORF12	83656	C8orf12	
C8ORF13	83648	C8orf13	8
C8ORF17	56988	C8orf17	8
C8ORF30A	51236	C8orf30A	
C8ORF30B	728071	C8orf30B	8
C8ORF33	65265	C8orf33	8
C8ORF37	157657	C8orf37	8
C8ORF38	137682	C8orf38	8
C8ORF40	114926	C8orf40	8
C8ORF41	80185	C8orf41	8
C8ORF44	56260	C8orf44	8
C8ORF45	157777	C8orf45	8
C8ORF46	254778	C8orf46	8
C8ORF51	78998	C8orf51	8
C8ORF55	51337	C8orf55	8
C8ORF58	541565	C8orf58	8
C8ORF59	401466	C8orf59	8
C8ORF71	26138	C8orf71	8
C8ORF77	286103	C8orf77	
C8ORF80	389643	C8orf80	8
C8ORFK29	340393	C8ORFK29	
C9ORF100	84904	C9orf100	9
C9ORF102	56959	C9orf102	9
C9ORF103	414328	C9orf103	9
C9ORF106	414318	C9orf106	9
C9ORF10OS	158293	C9orf10OS	9

C9ORF114	51490	C9orf114	9
C9ORF116	138162	C9orf116	9
C9ORF119	375757	C9orf119	9
C9ORF123	90871	C9orf123	9
C9ORF126	286205	C9orf126	9
C9ORF127	51754	C9orf127	9
C9ORF130	286354	C9orf130	
C9ORF135	138255	C9orf135	9
C9ORF140	89958	C9orf140	9
C9ORF142	286257	C9orf142	9
C9ORF144	389715	C9orf144	
C9ORF144B	259308	C9orf144B	9
C9ORF152	401546	C9orf152	9
C9ORF156	51531	C9orf156	9
C9ORF16	79095	C9orf16	9
C9ORF167	54863	C9orf167	9
C9ORF169	375791	C9orf169	
C9ORF171	389799	C9orf171	9
C9ORF173	441476	C9orf173	9
C9ORF21	195827	C9orf21	9
C9ORF23	138716	C9orf23	9
C9ORF24	84688	C9orf24	9
C9ORF25	203259	C9orf25	9
C9ORF3	84909	C9orf3	9
C9ORF30	91283	C9orf30	9
C9ORF31	57000	C9orf31	9
C9ORF37	85026	C9orf37	9
C9ORF40	55071	C9orf40	9
C9ORF41	138199	C9orf41	9
C9ORF43	257169	C9orf43	9
C9ORF45	81571	C9orf45	9
C9ORF46	55848	C9orf46	9
C9ORF5	23731	C9orf5	9
C9ORF53	51198	C9orf53	
C9ORF6	54942	C9orf6	9
C9ORF64	84267	C9orf64	9
C9ORF66	157983	C9orf66	9
C9ORF69	90120	C9orf69	9
C9ORF7	11094	C9orf7	9
C9ORF70	84850	C9orf70	9
C9ORF72	203228	C9orf72	9
C9ORF75	286262	C9orf75	9
C9ORF78	51759	C9orf78	9
C9ORF80	58493	C9orf80	9

C9ORF82	79886	C9orf82	9
C9ORF85	138241	C9orf85	9
C9ORF86	55684	C9orf86	9
C9ORF89	84270	C9orf89	9
C9ORF9	11092	C9orf9	9
C9ORF90	203245	C9orf90	9
C9ORF91	203197	C9orf91	9
C9ORF95	54981	C9orf95	9
C9ORF96	169436	C9orf96	9
CA10	56934	CA10	17
CA11	770	CA11	19
CA13	377677	CA13	8
CA2	760	CA2	8
CA5B	11238	CA5B	X
CA8	767	CA8	8
CAB39	51719	CAB39	2
CAB39L	81617	CAB39L	13
CABC1	56997	CABC1	1
CABLES1	91768	CABLES1	18
CABLES2	81928	CABLES2	20
CABP4	57010	CABP4	11
CABP7	164633	CABP7	22
CACNA1A	773	CACNA1A	19
CACNA1B	774	CACNA1B	9
CACNA1C	775	CACNA1C	12
CACNA1S	779	CACNA1S	1
CACNB1	782	CACNB1	17
CACNB2	783	CACNB2	10
CACNB3	784	CACNB3	12
CACNG3	10368	CACNG3	16
CACYBP	27101	CACYBP	1
CAD	790	CAD	2
CADM1	23705	CADM1	11
CADM4	199731	CADM4	19
CALB2	794	CALB2	16
CALCA	796	CALCA	11
CALCB	797	CALCB	11
CALCOCO1	57658	CALCOCO1	12
CALCOCO2	10241	CALCOCO2	17
CALCRL	10203	CALCRL	2
CALD1	800	CALD1	7
CALHM1	255022	CALHM1	10
CALHM2	51063	CALHM2	10
CALHM3	119395	CALHM3	10

CALM1	801	CALM1	14
CALM2	805	CALM2	2
CALM3	808	CALM3	19
CALML4	91860	CALML4	15
CALML5	51806	CALML5	10
CALR	811	CALR	19
CALU	813	CALU	7
CALY	50632	CALY	10
CAMK1	8536	CAMK1	3
CAMK1D	57118	CAMK1D	10
CAMK1G	57172	CAMK1G	1
CAMK2B	816	CAMK2B	7
CAMK2D	817	CAMK2D	4
CAMK2G	818	CAMK2G	10
CAMK2N1	55450	CAMK2N1	1
CAMK2N2	94032	CAMK2N2	3
CAMK4	814	CAMK4	5
CAMKK1	84254	CAMKK1	17
CAMKK2	10645	CAMKK2	12
CAMKV	79012	CAMKV	3
CAMLG	819	CAMLG	5
CAMP	820	CAMP	3
CAMSAP1L1	23271	CAMSAP1L1	1
CANT1	124583	CANT1	17
CANX	821	CANX	5
CAP1	10487	CAP1	1
CAPG	822	CAPG	2
CAPN1	823	CAPN1	11
CAPN10	11132	CAPN10	2
CAPN11	11131	CAPN11	6
CAPN12	147968	CAPN12	19
CAPN14	440854	CAPN14	
CAPN3	825	CAPN3	15
CAPN5	726	CAPN5	11
CAPN6	827	CAPN6	X
CAPN7	23473	CAPN7	3
CAPNS1	826	CAPNS1	19
CAPRIN1	4076	CAPRIN1	11
CAPRIN2	65981	CAPRIN2	12
CAPS	828	CAPS	19
CAPSL	133690	CAPSL	5
CAPZA1	829	CAPZA1	1
CAPZA2	830	CAPZA2	7
CAPZA3	93661	CAPZA3	12

CAPZB	832	CAPZB	1
CARD10	29775	CARD10	22
CARD11	84433	CARD11	7
CARD16	114769	CARD16	11
CARD6	84674	CARD6	5
CARD8	22900	CARD8	19
CARD9	64170	CARD9	9
CARHSP1	23589	CARHSP1	16
CARKD	55739	CARKD	13
CARM1	10498	CARM1	19
CARS	833	CARS	11
CARS2	79587	CARS2	13
CASC1	55259	CASC1	12
CASC4	113201	CASC4	15
CASC5	57082	CASC5	15
CASD1	64921	CASD1	7
CASK	8573	CASK	X
CASP1	834	CASP1	11
CASP10	843	CASP10	2
CASP14	23581	CASP14	19
CASP2	835	CASP2	7
CASP3	836	CASP3	4
CASP4	837	CASP4	11
CASP6	839	CASP6	4
CASP7	840	CASP7	10
CASP9	842	CASP9	1
CASRL1	344760	CASRL1	3
CAST	831	CAST	5
CASZ1	54897	CASZ1	1
CAT	847	CAT	11
CATSPER2	117155	CATSPER2	15
CATSPER2P1	440278	CATSPER2P1	15
CAV1	857	CAV1	7
CAV2	858	CAV2	7
CBARA1	10367	CBARA1	10
CBFA2T2	9139	CBFA2T2	20
CBFA2T3	863	CBFA2T3	16
CBFB	865	CBFB	16
CBL	867	CBL	11
CBLB	868	CBLB	3
CBLL1	79872	CBLL1	7
CBLN1	869	CBLN1	16
CBLN3	643866	CBLN3	14
CBR1	873	CBR1	21

CBR3	874	CBR3	21
CBR4	84869	CBR4	4
CBS	875	CBS	21
CBWD3	445571	CBWD3	9
CBWD5	220869	CBWD5	9
CBWD6	644019	CBWD6	9
CBX1	10951	CBX1	17
CBX2	84733	CBX2	17
CBX3	11335	CBX3	7
CBX4	8535	CBX4	17
CBX5	23468	CBX5	12
CBX6	23466	CBX6	22
CBX7	23492	CBX7	22
CBX8	57332	CBX8	17
CBY1	25776	CBY1	22
CBY3	646019	CBY3	5
CC2D1B	200014	CC2D1B	1
CCAR1	55749	CCAR1	10
CCBE1	147372	CCBE1	18
CCBL1	883	CCBL1	9
CCBL2	56267	CCBL2	1
CCBP2	1238	CCBP2	3
CCDC101	112869	CCDC101	16
CCDC102A	92922	CCDC102A	16
CCDC103	388389	CCDC103	17
CCDC104	112942	CCDC104	2
CCDC106	29903	CCDC106	19
CCDC107	203260	CCDC107	9
CCDC109A	90550	CCDC109A	10
CCDC109B	55013	CCDC109B	4
CCDC11	220136	CCDC11	18
CCDC110	256309	CCDC110	4
CCDC111	201973	CCDC111	4
CCDC112	153733	CCDC112	5
CCDC113	29070	CCDC113	16
CCDC115	84317	CCDC115	2
CCDC117	150275	CCDC117	22
CCDC12	151903	CCDC12	3
CCDC120	90060	CCDC120	X
CCDC121	79635	CCDC121	2
CCDC123	84902	CCDC123	19
CCDC124	115098	CCDC124	19
CCDC125	202243	CCDC125	5
CCDC126	90693	CCDC126	7

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CCDC130	81576	CCDC130	19
CCDC132	55610	CCDC132	7
CCDC136	64753	CCDC136	7
CCDC137	339230	CCDC137	17
CCDC138	165055	CCDC138	2
CCDC14	64770	CCDC14	3
CCDC140	151278	CCDC140	2
CCDC142	84865	CCDC142	2
CCDC146	57639	CCDC146	7
CCDC147	159686	CCDC147	10
CCDC148	130940	CCDC148	2
CCDC15	80071	CCDC15	11
CCDC150	284992	CCDC150	2
CCDC151	115948	CCDC151	19
CCDC152	100129792	CCDC152	5
CCDC155	147872	CCDC155	19
CCDC16	91603	CCDC16	17
CCDC18	343099	CCDC18	1
CCDC19	25790	CCDC19	1
CCDC22	28952	CCDC22	X
CCDC23	374969	CCDC23	1
CCDC24	149473	CCDC24	1
CCDC25	55246	CCDC25	8
CCDC27	148870	CCDC27	1
CCDC28A	25901	CCDC28A	6
CCDC28B	79140	CCDC28B	1
CCDC3	83643	CCDC3	10
CCDC34	91057	CCDC34	11
CCDC36	339834	CCDC36	3
CCDC39	339829	CCDC39	3
CCDC4	389206	CCDC4	
CCDC41	51134	CCDC41	12
CCDC43	124808	CCDC43	17
CCDC45	90799	CCDC45	17
CCDC46	201134	CCDC46	17
CCDC47	57003	CCDC47	17
CCDC48	79825	CCDC48	3
CCDC49	54883	CCDC49	17
CCDC5	115106	CCDC5	18
CCDC50	152137	CCDC50	3
CCDC51	79714	CCDC51	3
CCDC52	152185	CCDC52	3

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CCDC55	84081	CCDC55	17
CCDC56	28958	CCDC56	
CCDC57	284001	CCDC57	17
CCDC58	131076	CCDC58	3
CCDC59	29080	CCDC59	
CCDC6	8030	CCDC6	10
CCDC64	92558	CCDC64	12
CCDC65	85478	CCDC65	12
CCDC66	285331	CCDC66	3
CCDC68	80323	CCDC68	18
CCDC69	26112	CCDC69	5
CCDC71	64925	CCDC71	3
CCDC72	51372	CCDC72	3
CCDC74A	90557	CCDC74A	2
CCDC74B	91409	CCDC74B	2
CCDC76	54482	CCDC76	1
CCDC77	84318	CCDC77	12
CCDC8	83987	CCDC8	19
CCDC84	338657	CCDC84	11
CCDC85A	114800	CCDC85A	2
CCDC85B	11007	CCDC85B	11
CCDC86	79080	CCDC86	11
CCDC88B	283234	CCDC88B	11
CCDC88C	440193	CCDC88C	14
CCDC89	220388	CCDC89	11
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CCDC90B	60492	CCDC90B	11
CCDC91	55297	CCDC91	12
CCDC92	80212	CCDC92	12
CCDC94	55702	CCDC94	19
CCDC97	90324	CCDC97	19
CCDC99	54908	CCDC99	
CCHCR1	54535	CCHCR1	6
CCL1	6346	CCL1	17
CCL17	6361	CCL17	16
CCL20	6364	CCL20	2
CCL22	6367	CCL22	16
CCL26	10344	CCL26	7
CCL3	6348	CCL3	17
CCL3L1	6349	CCL3L1	17
CCL3L3	414062	CCL3L3	17
CCL4L1	9560	CCL4L1	17

CCL4L2	388372	CCL4L2	17
CCL5	6352	CCL5	17
CCM2	83605	CCM2	7
CCNA1	8900	CCNA1	13
CCNA2	890	CCNA2	4
CCNB1	891	CCNB1	5
CCNB1IP1	57820	CCNB1IP1	14
CCNB2	9133	CCNB2	15
CCNB3	85417	CCNB3	X
CCNC	892	CCNC	6
CCND1	595	CCND1	11
CCND2	894	CCND2	12
CCND3	896	CCND3	6
CCNDBP1	23582	CCNDBP1	15
CCNE1	898	CCNE1	19
CCNE2	9134	CCNE2	8
CCNF	899	CCNF	16
CCNG1	900	CCNG1	5
CCNG2	901	CCNG2	4
CCNI	10983	CCNI	4
CCNJ	54619	CCNJ	10
CCNK	8812	CCNK	14
CCNL1	57018	CCNL1	3
CCNL2	81669	CCNL2	1
CCNO	10309	CCNO	5
CCNT2	905	CCNT2	2
CCNYL1	151195	CCNYL1	2
CCPG1	9236	CCPG1	15
CCR10	2826	CCR10	17
CCR2	729230	CCR2	3
CCR6	1235	CCR6	6
CCR7	1236	CCR7	17
CCR8	1237	CCR8	3
CCRL1	51554	CCRL1	3
CCRL2	9034	CCRL2	3
CCRN4L	25819	CCRN4L	4
CCS	9973	CCS	
CCT2	10576	CCT2	12
CCT3	7203	CCT3	1
CCT4	10575	CCT4	2
CCT5	22948	CCT5	5
CCT6A	908	CCT6A	7
CCT6B	10693	CCT6B	17
CCT6P1	643253	CCT6P1	7

CCT7	10574	CCT7	2
CCT8	10694	CCT8	21
CD14	929	CD14	5
CD151	977	CD151	11
CD163L1	283316	CD163L1	12
CD180	4064	CD180	5
CD19	930	CD19	16
CD1A	909	CD1A	1
CD1B	910	CD1B	1
CD1C	911	CD1C	1
CD1D	912	CD1D	1
CD1E	913	CD1E	1
CD2	914	CD2	1
CD200R1	131450	CD200R1	3
CD22	933	CD22	19
CD24	100133941	CD24	Y
CD244	51744	CD244	1
CD247	919	CD247	1
CD248	57124	CD248	11
CD27	939	CD27	12
CD274	29126	CD274	9
CD276	80381	CD276	15
CD28	940	CD28	2
CD2AP	23607	CD2AP	6
CD2BP2	10421	CD2BP2	16
CD300C	10871	CD300C	17
CD302	9936	CD302	2
CD320	51293	CD320	19
CD33	945	CD33	19
CD36	948	CD36	7
CD37	951	CD37	19
CD38	952	CD38	4
CD3D	915	CD3D	11
CD3EAP	10849	CD3EAP	19
CD3G	917	CD3G	11
CD40	958	CD40	20
CD44	960	CD44	11
CD46	4179	CD46	1
CD47	961	CD47	3
CD48	962	CD48	1
CD52	1043	CD52	1
CD53	963	CD53	1
CD55	1604	CD55	1
CD58	965	CD58	1

CD59	966	CD59	11
CD63	967	CD63	12
CD68	968	CD68	17
CD69	969	CD69	12
CD7	924	CD7	17
CD70	970	CD70	19
CD72	971	CD72	9
CD74	972	CD74	5
CD79A	973	CD79A	19
CD79B	974	CD79B	17
CD80	941	CD80	3
CD81	975	CD81	11
CD82	3732	CD82	11
CD83	9308	CD83	6
CD84	8832	CD84	1
CD86	942	CD86	3
CD8A	925	CD8A	2
CD9	928	CD9	12
CD96	10225	CD96	3
CD97	976	CD97	19
CD99	4267	CD99	Y
CD99L2	83692	CD99L2	X
CDA	978	CDA	1
CDAN1	146059	CDAN1	
CDC123	8872	CDC123	10
CDC14B	8555	CDC14B	9
CDC16	8881	CDC16	13
CDC2	983	CDC2	10
CDC20	991	CDC20	1
CDC23	8697	CDC23	5
CDC25A	993	CDC25A	3
CDC25B	994	CDC25B	20
CDC25C	995	CDC25C	5
CDC26	246184	CDC26	9
CDC2L1	984	CDC2L1	1
CDC2L5	8621	CDC2L5	7
CDC2L6	23097	CDC2L6	6
CDC34	997	CDC34	19
CDC37	11140	CDC37	19
CDC37L1	55664	CDC37L1	9
CDC40	51362	CDC40	6
CDC42	998	CDC42	1
CDC42BPA	8476	CDC42BPA	1
CDC42BPB	9578	CDC42BPB	14

CDC42BPG	55561	CDC42BPG	11
CDC42EP2	10435	CDC42EP2	11
CDC42EP3	10602	CDC42EP3	2
CDC42EP4	23580	CDC42EP4	17
CDC42EP5	148170	CDC42EP5	19
CDC42SE1	56882	CDC42SE1	1
CDC42SE2	56990	CDC42SE2	5
CDC45L	8318	CDC45L	22
CDC5L	988	CDC5L	6
CDC6	990	CDC6	17
CDC7	8317	CDC7	1
CDC73	79577	CDC73	1
CDCA1	83540	CDCA1	1
CDCA2	157313	CDCA2	8
CDCA3	83461	CDCA3	12
CDCA4	55038	CDCA4	14
CDCA5	113130	CDCA5	11
CDCA7	83879	CDCA7	2
CDCA7L	55536	CDCA7L	7
CDCA8	55143	CDCA8	1
CDCP1	64866	CDCP1	3
CDH12	1010	CDH12	5
CDH15	1013	CDH15	16
CDH17	1015	CDH17	8
CDH18	1016	CDH18	5
CDH2	1000	CDH2	18
CDH24	64403	CDH24	14
CDH8	1006	CDH8	16
CDH9	1007	CDH9	5
CDIPT	10423	CDIPT	16
CDK10	8558	CDK10	16
CDK2	1017	CDK2	12
CDK2AP1	8099	CDK2AP1	12
CDK2AP2	10263	CDK2AP2	11
CDK3	1018	CDK3	17
CDK4	1019	CDK4	12
CDK5	1020	CDK5	7
CDK5R1	8851	CDK5R1	17
CDK5R2	8941	CDK5R2	2
CDK5RAP1	51654	CDK5RAP1	20
CDK5RAP2	55755	CDK5RAP2	9
CDK5RAP3	80279	CDK5RAP3	17
CDK6	1021	CDK6	7
CDK7	1022	CDK7	5

CDK8	1024	CDK8	13
CDK9	1025	CDK9	9
CDKAL1	54901	CDKAL1	6
CDKL1	8814	CDKL1	14
CDKL2	8999	CDKL2	4
CDKL3	51265	CDKL3	5
CDKN1A	1026	CDKN1A	6
CDKN1B	1027	CDKN1B	12
CDKN1C	1028	CDKN1C	11
CDKN2A	1029	CDKN2A	9
CDKN2AIP	55602	CDKN2AIP	4
CDKN2AIPNL	91368	CDKN2AIPNL	5
CDKN2B	1030	CDKN2B	9
CDKN2C	1031	CDKN2C	1
CDKN2D	1032	CDKN2D	19
CDKN3	1033	CDKN3	14
CDNF	441549	CDNF	10
CDO1	1036	CDO1	5
CDR2	1039	CDR2	16
CDR2L	30850	CDR2L	17
CDRT1	374286	CDRT1	
CDS2	8760	CDS2	20
CDT1	81620	CDT1	16
CDV3	55573	CDV3	
CDY1	9085	CDY1	Y
CEACAM1	634	CEACAM1	19
CEACAM21	90273	CEACAM21	19
CEBPA	1050	CEBPA	19
CEBPB	1051	CEBPB	20
CEBPD	1052	CEBPD	8
CEBPE	1053	CEBPE	14
CEBPG	1054	CEBPG	19
CEBPZ	10153	CEBPZ	2
CECR1	51816	CECR1	22
CECR5	27440	CECR5	22
CECR6	27439	CECR6	22
CECR7	27438	CECR7	22
CEL	1056	CEL	9
CELP	1057	CELP	9
CELSR1	9620	CELSR1	22
CELSR2	1952	CELSR2	1
CELSR3	1951	CELSR3	3
CEMP1	752014	CEMP1	
CEND1	51286	CEND1	11

CENPA	1058	CENPA	2
CENPB	1059	CENPB	20
CENPBD1	92806	CENPBD1	16
CENPC1	1060	CENPC1	4
CENPE	1062	CENPE	4
CENPF	1063	CENPF	1
CENPH	64946	CENPH	5
CENPI	2491	CENPI	X
CENPJ	55835	CENPJ	13
CENPK	64105	CENPK	5
CENPL	91687	CENPL	1
CENPM	79019	CENPM	22
CENPN	55839	CENPN	16
CENPO	79172	CENPO	2
CENPP	401541	CENPP	9
CENPQ	55166	CENPQ	6
CENPT	80152	CENPT	16
CENPV	201161	CENPV	17
CENTA1	11033	CENTA1	
CENTB2	23527	CENTB2	3
CENTG3	116988	CENTG3	7
CEP110	11064	CEP110	9
CEP135	9662	CEP135	4
CEP152	22995	CEP152	15
CEP164	22897	CEP164	11
CEP192	55125	CEP192	18
CEP250	11190	CEP250	20
CEP290	80184	CEP290	12
CEP350	9857	CEP350	1
CEP55	55165	CEP55	10
CEP57	9702	CEP57	11
CEP68	23177	CEP68	2
CEP70	80321	CEP70	3
CEP72	55722	CEP72	5
CEP76	79959	CEP76	18
CEP78	84131	CEP78	9
CEP97	79598	CEP97	3
CEPT1	10390	CEPT1	1
CERCAM	51148	CERCAM	9
CERK	64781	CERK	22
CERKL	375298	CERKL	2
CES2	8824	CES2	16
CES3	23491	CES3	16
CES8	283848	CES8	16

CETN2	1069	CETN2	X
CETN3	1070	CETN3	5
CETP	1071	CETP	16
CFB	629	CFB	6
CFC1	55997	CFC1	2
CFD	1675	CFD	19
CFDP1	10428	CFDP1	16
CFH	3075	CFH	1
CFL1	1072	CFL1	11
CFL2	1073	CFL2	14
CFLAR	8837	CFLAR	2
CGB	1082	CGB	19
CGB1	114335	CGB1	19
CGB2	114336	CGB2	19
CGB5	93659	CGB5	19
CGGBP1	8545	CGGBP1	3
CGI-96	27341	CGI-96	
CGN	57530	CGN	1
CGNL1	84952	CGNL1	15
CGRRF1	10668	CGRRF1	14
CH25H	9023	CH25H	10
CHAC1	79094	CHAC1	15
CHAC2	494143	CHAC2	2
CHAF1A	10036	CHAF1A	19
CHAF1B	8208	CHAF1B	21
CHCHD1	118487	CHCHD1	10
CHCHD10	400916	CHCHD10	22
CHCHD2	51142	CHCHD2	7
CHCHD3	54927	CHCHD3	7
CHCHD4	131474	CHCHD4	3
CHCHD5	84269	CHCHD5	2
CHCHD6	84303	CHCHD6	3
CHCHD7	79145	CHCHD7	8
CHCHD8	51287	CHCHD8	11
CHCHD9	645345	CHCHD9	9
CHD1	1105	CHD1	5
CHD1L	9557	CHD1L	1
CHD2	1106	CHD2	15
CHD3	1107	CHD3	17
CHD4	1108	CHD4	12
CHD6	84181	CHD6	20
CHD7	55636	CHD7	8
CHD8	57680	CHD8	14
CHD9	80205	CHD9	16

CHDH	55349	CHDH	3
CHEK1	1111	CHEK1	11
CHEK2	11200	CHEK2	22
CHERP	10523	CHERP	19
CHES1	1112	CHES1	14
CHGA	1113	CHGA	14
CHGB	1114	CHGB	20
CHI3L1	1116	CHI3L1	1
CHI3L2	1117	CHI3L2	1
CHIC2	26511	CHIC2	4
CHKA	1119	CHKA	
CHKB	1120	CHKB	
CHM	1121	CHM	X
CHML	1122	CHML	1
CHMP1A	5119	CHMP1A	16
CHMP1B	57132	CHMP1B	18
CHMP2A	27243	CHMP2A	19
CHMP2B	25978	CHMP2B	3
CHMP4A	29082	CHMP4A	14
CHMP4B	128866	CHMP4B	20
CHMP4C	92421	CHMP4C	8
CHMP5	51510	CHMP5	9
CHMP6	79643	CHMP6	
CHMP7	91782	CHMP7	8
CHN2	1124	CHN2	7
CHODL	140578	CHODL	21
CHORDC1	26973	CHORDC1	11
CHP	11261	CHP	15
CHPF	79586	CHPF	2
CHPF2	54480	CHPF2	7
CHPT1	56994	CHPT1	12
CHRAC1	54108	CHRAC1	8
CHRD	8646	CHRD	3
CHRNA1	1134	CHRNA1	2
CHRNA10	57053	CHRNA10	11
CHRNA3	1136	CHRNA3	15
CHRNA5	1138	CHRNA5	15
CHRNA6	8973	CHRNA6	8
CHRNA7	1139	CHRNA7	
CHRNB1	1140	CHRNB1	17
CHST1	8534	CHST1	11
CHST10	9486	CHST10	2
CHST12	55501	CHST12	7
CHST14	113189	CHST14	15

CHST15	51363	CHST15	10
CHST2	9435	CHST2	3
CHST3	9469	CHST3	10
CHST7	56548	CHST7	X
CHST9	83539	CHST9	18
CHSY1	22856	CHSY1	15
CHTF18	63922	CHTF18	16
CHTF8	54921	CHTF8	16
CHUK	1147	CHUK	10
CHURC1	91612	CHURC1	14
CIAO1	9391	CIAO1	2
CIAPIN1	57019	CIAPIN1	16
CIB1	10519	CIB1	15
CIB2	10518	CIB2	15
CIC	23152	CIC	19
CICE	152302	CICE	3
CIDEB	27141	CIDEB	14
CIDECP	152302	CIDECP	3
CIITA	4261	CIITA	16
CILP	8483	CILP	15
CINP	51550	CINP	14
CIP29	84324	CIP29	12
CIR1	9541	CIR1	2
CIRBP	1153	CIRBP	19
CIRH1A	84916	CIRH1A	16
CISD1	55847	CISD1	10
CISD2	493856	CISD2	4
CISH	1154	CISH	3
CITED1	4435	CITED1	X
CITED2	10370	CITED2	6
CITED4	163732	CITED4	1
CKAP2	26586	CKAP2	13
CKAP2L	150468	CKAP2L	2
CKAP4	10970	CKAP4	12
CKAP5	9793	CKAP5	11
CKB	1152	CKB	14
CKLF	51192	CKLF	16
CKMT1A	548596	CKMT1A	15
CKMT1B	1159	CKMT1B	15
CKMT2	1160	CKMT2	5
CKS1B	1163	CKS1B	1
CKS2	1164	CKS2	9
CLASP1	23332	CLASP1	2
CLASP2	23122	CLASP2	3

CLC	1178	CLC	19
CLCA1	1179	CLCA1	1
CLCA4	22802	CLCA4	1
CLCC1	23155	CLCC1	1
CLCF1	23529	CLCF1	11
CLCN1	1180	CLCN1	7
CLCN2	1181	CLCN2	3
CLCN3	1182	CLCN3	4
CLCN4	1183	CLCN4	X
CLCN5	1184	CLCN5	X
CLCN6	1185	CLCN6	1
CLCN7	1186	CLCN7	16
CLCNKA	1187	CLCNKA	1
CLDN11	5010	CLDN11	3
CLDN12	9069	CLDN12	7
CLDN14	23562	CLDN14	21
CLDN15	24146	CLDN15	7
CLDN19	149461	CLDN19	1
CLDN2	9075	CLDN2	X
CLDN22	53842	CLDN22	
CLDN23	137075	CLDN23	8
CLDN24	100132463	CLDN24	
CLDN4	1364	CLDN4	7
CLDN5	7122	CLDN5	22
CLDN7	1366	CLDN7	17
CLDND1	56650	CLDND1	3
CLDND2	125875	CLDND2	19
CLEC10A	10462	CLEC10A	17
CLEC11A	6320	CLEC11A	19
CLEC14A	161198	CLEC14A	14
CLEC16A	23274	CLEC16A	16
CLEC17A	388512	CLEC17A	19
CLEC18C	283971	CLEC18C	16
CLEC2B	9976	CLEC2B	12
CLEC2D	29121	CLEC2D	12
CLEC2L	154790	CLEC2L	
CLEC4A	50856	CLEC4A	12
CLEC4C	170482	CLEC4C	12
CLEC4D	338339	CLEC4D	12
CLEC4F	165530	CLEC4F	2
CLEC4G	339390	CLEC4G	19
CLEC6A	93978	CLEC6A	12
CLEC7A	64581	CLEC7A	12
CLEC9A	283420	CLEC9A	12

CLECL1	160365	CLECL1	12
CLGN	1047	CLGN	4
CLIC1	1192	CLIC1	6
CLIC2	1193	CLIC2	X
CLIC3	9022	CLIC3	9
CLIC4	25932	CLIC4	1
CLIC6	54102	CLIC6	21
CLINT1	9685	CLINT1	5
CLIP1	6249	CLIP1	12
CLIP2	7461	CLIP2	7
CLIP3	25999	CLIP3	19
CLK1	1195	CLK1	2
CLK2	1196	CLK2	
CLK3	1198	CLK3	15
CLK4	57396	CLK4	5
CLMN	79789	CLMN	14
CLN3	1201	CLN3	16
CLN5	1203	CLN5	13
CLN6	54982	CLN6	15
CLP1	10978	CLP1	11
CLPB	81570	CLPB	11
CLPP	8192	CLPP	19
CLPTM1	1209	CLPTM1	19
CLPTM1L	81037	CLPTM1L	5
CLPX	10845	CLPX	15
CLSPN	63967	CLSPN	1
CLSTN1	22883	CLSTN1	1
CLSTN2	64084	CLSTN2	3
CLSTN3	9746	CLSTN3	12
CLTA	1211	CLTA	9
CLTB	1212	CLTB	5
CLTC	1213	CLTC	17
CLTCL1	8218	CLTCL1	22
CLUAP1	23059	CLUAP1	16
CLVS2	134829	CLVS2	6
CLYBL	171425	CLYBL	13
CMAH	8418	CMAH	6
CMAS	55907	CMAS	12
CMBL	134147	CMBL	5
CMC1	152100	CMC1	3
CMIP	80790	CMIP	16
CMPK1	51727	CMPK1	1
CMTM1	113540	CMTM1	16
CMTM3	123920	CMTM3	16

CMTM4	146223	CMTM4	16
CMTM6	54918	CMTM6	3
CMTM7	112616	CMTM7	3
CMTM8	152189	CMTM8	3
CNBP	7555	CNBP	3
CNDP2	55748	CNDP2	18
CNFN	84518	CNFN	19
CNIH2	254263	CNIH2	
CNIH4	29097	CNIH4	1
CNKSR2	22866	CNKSR2	X
CNN2	1265	CNN2	19
CNN3	1266	CNN3	1
CNNM2	54805	CNNM2	10
CNNM3	26505	CNNM3	2
CNNM4	26504	CNNM4	2
CNO	55330	CNO	4
CNOT1	23019	CNOT1	16
CNOT10	25904	CNOT10	3
CNOT2	4848	CNOT2	12
CNOT3	4849	CNOT3	19
CNOT4	4850	CNOT4	7
CNOT6	57472	CNOT6	5
CNOT6L	246175	CNOT6L	4
CNOT7	29883	CNOT7	8
CNOT8	9337	CNOT8	5
CNP	1267	CNP	17
CNPY2	10330	CNPY2	12
CNPY3	10695	CNPY3	6
CNPY4	245812	CNPY4	7
CNR1	1268	CNR1	6
CNR2	1269	CNR2	1
CNRIP1	25927	CNRIP1	2
CNTLN	54875	CNTLN	9
CNTN2	6900	CNTN2	1
CNTN6	27255	CNTN6	3
CNTNAP1	8506	CNTNAP1	17
CNTNAP3	79937	CNTNAP3	9
COASY	80347	COASY	17
COBL	23242	COBL	7
COBLL1	22837	COBLL1	2
COBRA1	25920	COBRA1	
COCH	1690	COCH	14
COG1	9382	COG1	17
COG3	83548	COG3	13

COG4	25839	COG4	16
COG5	10466	COG5	7
COG6	57511	COG6	13
COG7	91949	COG7	16
COIL	8161	COIL	17
COL14A1	7373	COL14A1	8
COL15A1	1306	COL15A1	9
COL16A1	1307	COL16A1	1
COL1A1	1277	COL1A1	17
COL1A2	1278	COL1A2	7
COL23A1	91522	COL23A1	5
COL24A1	255631	COL24A1	1
COL4A3	1285	COL4A3	2
COL5A1	1289	COL5A1	9
COL5A2	1290	COL5A2	2
COL6A3	1293	COL6A3	2
COL7A1	1294	COL7A1	3
COL8A2	1296	COL8A2	1
COL9A2	1298	COL9A2	1
COL9A3	1299	COL9A3	20
COLQ	8292	COLQ	
COMMD1	150684	COMMD1	2
COMMD10	51397	COMMD10	5
COMMD2	51122	COMMD2	3
COMMD3	23412	COMMD3	10
COMMD4	54939	COMMD4	15
COMMD5	28991	COMMD5	8
COMMD6	170622	COMMD6	13
COMMD7	149951	COMMD7	20
COMMD8	54951	COMMD8	4
COMMD9	29099	COMMD9	
COMP	1311	COMP	19
COMT	1312	COMT	22
COMTD1	118881	COMTD1	10
COPA	1314	COPA	1
COPB1	1315	COPB1	11
COPB2	9276	COPB2	3
COPE	11316	COPE	19
COPG2	26958	COPG2	7
COPS2	9318	COPS2	15
COPS3	8533	COPS3	17
COPS4	51138	COPS4	4
COPS5	10987	COPS5	8
COPS6	10980	COPS6	7

COPS7A	50813	COPS7A	12
COPS7B	64708	COPS7B	2
COPS8	10920	COPS8	2
COPZ1	22818	COPZ1	12
COPZ2	51226	COPZ2	17
COQ10A	93058	COQ10A	12
COQ10B	80219	COQ10B	2
COQ2	27235	COQ2	4
COQ3	51805	COQ3	6
COQ5	84274	COQ5	12
COQ6	51004	COQ6	14
COQ7	10229	COQ7	16
COQ9	57017	COQ9	16
CORO1A	11151	CORO1A	16
CORO1B	57175	CORO1B	11
CORO1C	23603	CORO1C	12
CORO2A	7464	CORO2A	9
CORO2B	10391	CORO2B	15
CORO6	84940	CORO6	17
CORO7	79585	CORO7	16
CORT	1325	CORT	1
COTL1	23406	COTL1	16
COX10	1352	COX10	17
COX11	1353	COX11	17
COX11P	140468	COX11P	6
COX16	51241	COX16	14
COX17	10063	COX17	3
COX19	90639	COX19	7
COX4I1	1327	COX4I1	16
COX4NB	10328	COX4NB	16
COX5A	9377	COX5A	15
COX5B	1329	COX5B	2
COX6A1	1337	COX6A1	12
COX6B1	1340	COX6B1	19
COX6C	1345	COX6C	8
COX7A2L	9167	COX7A2L	2
COX7B	1349	COX7B	X
COX7C	1350	COX7C	5
COX8A	1351	COX8A	11
CP110	9738	CP110	16
CPA2	1358	CPA2	7
CPA3	1359	CPA3	3
CPA4	51200	CPA4	7
CPA6	57094	CPA6	8

CPD	1362	CPD	17
CPE	1363	CPE	4
CPEB1	64506	CPEB1	15
CPEB2	132864	CPEB2	4
CPEB3	22849	CPEB3	10
CPEB4	80315	CPEB4	5
CPLX1	10815	CPLX1	4
CPLX3	594855	CPLX3	15
CPN1	1369	CPN1	10
CPN2	1370	CPN2	
CPNE1	8904	CPNE1	20
CPNE2	221184	CPNE2	16
CPNE3	8895	CPNE3	8
CPNE5	57699	CPNE5	6
CPNE7	27132	CPNE7	16
CPNE9	151835	CPNE9	3
CPOX	1371	CPOX	3
CPPED1	55313	CPPED1	16
CPSF1	29894	CPSF1	8
CPSF2	53981	CPSF2	14
CPSF3L	54973	CPSF3L	1
CPSF4	10898	CPSF4	7
CPSF6	11052	CPSF6	12
CPT1A	1374	CPT1A	11
CPT1B	1375	CPT1B	
CPT1C	126129	CPT1C	19
CPT2	1376	CPT2	1
CPVL	54504	CPVL	7
CPXM1	56265	CPXM1	20
CR1L	1379	CR1L	1
CR2	1380	CR2	1
CRABP1	1381	CRABP1	15
CRABP2	1382	CRABP2	1
CRADD	8738	CRADD	12
CRAMP1L	57585	CRAMP1L	16
CRAT	1384	CRAT	9
CRB3	92359	CRB3	19
CRBN	51185	CRBN	3
CRCP	27297	CRCP	7
CRCT1	54544	CRCT1	1
CREB1	1385	CREB1	2
CREB3	10488	CREB3	9
CREB3L1	90993	CREB3L1	11
CREB3L2	64764	CREB3L2	7

CREB3L4	148327	CREB3L4	1
CREBBP	1387	CREBBP	16
CREBL1	1388	CREBL1	6
CREBL2	1389	CREBL2	12
CREBZF	58487	CREBZF	11
CREG1	8804	CREG1	1
CRELD1	78987	CRELD1	3
CRELD2	79174	CRELD2	22
CREM	1390	CREM	10
CRHBP	1393	CRHBP	5
CRIM1	51232	CRIM1	2
CRIM2	375616	CRIM2	7
CRIP1	1396	CRIP1	14
CRIP2	1397	CRIP2	14
CRIPAK	285464	CRIPAK	4
CRIPT	9419	CRIPT	2
CRISPLD2	83716	CRISPLD2	16
CRK	1398	CRK	17
CRKRS	51755	CRKRS	17
CRLF1	9244	CRLF1	19
CRLF3	51379	CRLF3	17
CRLS1	54675	CRLS1	20
CRNKL1	51340	CRNKL1	20
CROCC	9696	CROCC	1
CROT	54677	CROT	7
CRSP9	9443	CRSP9	5
CRTAP	10491	CRTAP	3
CRTC1	23373	CRTC1	19
CRTC3	64784	CRTC3	15
CRX	1406	CRX	19
CRY2	1408	CRY2	11
CRYAA	1409	CRYAA	21
CRYBA4	1413	CRYBA4	22
CRYBB2	1415	CRYBB2	22
CRYBG3	131544	CRYBG3	3
CRYGS	1427	CRYGS	3
CRYL1	51084	CRYL1	13
CRYM	1428	CRYM	16
CRYZ	1429	CRYZ	1
CRYZL1	9946	CRYZL1	21
CS	1431	CS	12
CSAD	51380	CSAD	12
CSAG1	158511	CSAG1	X
CSAG3	389903	CSAG3	X

CSAG3A	389903	CSAG3A	X
CSAG3B	728461	CSAG3B	
CSDA	8531	CSDA	12
CSDC2	27254	CSDC2	22
CSDE1	7812	CSDE1	1
CSE1L	1434	CSE1L	20
CSF1R	1436	CSF1R	5
CSF2RA	1438	CSF2RA	XY
CSF2RB	1439	CSF2RB	22
CSGALNACT2	55454	CSGALNACT2	10
CSHL1	1444	CSHL1	17
CSK	1445	CSK	15
CSNK1A1	1452	CSNK1A1	5
CSNK1D	1453	CSNK1D	17
CSNK1E	1454	CSNK1E	22
CSNK1G1	53944	CSNK1G1	15
CSNK1G2	1455	CSNK1G2	19
CSNK1G3	1456	CSNK1G3	5
CSNK2A1	1457	CSNK2A1	20
CSNK2A2	1459	CSNK2A2	16
CSPG4LYP1	114758	CSPG4LYP1	Y
CSPG5	10675	CSPG5	3
CSPP1	79848	CSPP1	8
CSRNP2	81566	CSRNP2	12
CSRNP3	80034	CSRNP3	2
CSRP1	1465	CSRP1	1
CSRP2	1466	CSRP2	12
CSRP2BP	57325	CSRP2BP	20
CST3	1471	CST3	20
CST6	1474	CST6	
CST7	8530	CST7	20
CST9	128822	CST9	20
CSTA	1475	CSTA	3
CSTB	1476	CSTB	21
CSTF1	1477	CSTF1	20
CSTF2	1478	CSTF2	X
CSTF2T	23283	CSTF2T	10
CSTF3	1479	CSTF3	11
CT45A4	441520	CT45A4	X
CTAGE6	340307	CTAGE6	7
CTBP1	1487	CTBP1	4
CTBP2	1488	CTBP2	10
CTBS	1486	CTBS	1
CTCF	10664	CTCF	16

CTDP1	9150	CTDP1	18
CTDSP1	58190	CTDSP1	2
CTDSP2	10106	CTDSP2	12
CTDSPL	10217	CTDSPL	3
CTDSPL2	51496	CTDSPL2	15
CTGF	1490	CTGF	6
CTGLF3	414189	CTGLF3	
CTGLF7	728127	CTGLF7	10
CTH	1491	CTH	1
CTHRC1	115908	CTHRC1	8
CTNNA1	1495	CTNNA1	5
CTNNA2	1496	CTNNA2	2
CTNNAL1	8727	CTNNAL1	9
CTNNB1	1499	CTNNB1	
CTNNBIP1	56998	CTNNBIP1	1
CTNNBL1	56259	CTNNBL1	20
CTNS	1497	CTNS	17
CTPS	1503	CTPS	1
CTPS2	56474	CTPS2	X
CTR9	9646	CTR9	11
CTRL	1506	CTRL	16
CTSA	5476	CTSA	20
CTSB	1508	CTSB	8
CTSC	1075	CTSC	11
CTSD	1509	CTSD	11
CTSF	8722	CTSF	11
CTSG	1511	CTSG	14
CTSH	1512	CTSH	15
CTSK	1513	CTSK	1
CTSL1	1514	CTSL1	9
CTSL2	1515	CTSL2	9
CTSS	1520	CTSS	1
CTSW	1521	CTSW	11
CTSZ	1522	CTSZ	20
CTTN	2017	CTTN	11
CTTNBP2NL	55917	CTTNBP2NL	1
CTU2	348180	CTU2	16
CTXN1	404217	CTXN1	19
CTXN3	613212	CTXN3	5
CUBN	8029	CUBN	10
CUEDC1	404093	CUEDC1	17
CUEDC2	79004	CUEDC2	10
CUGBP1	10658	CUGBP1	11
CUGBP2	10659	CUGBP2	10

CUL1	8454	CUL1	7
CUL2	8453	CUL2	10
CUL4A	8451	CUL4A	13
CUL4B	8450	CUL4B	X
CUL5	8065	CUL5	11
CUL9	23113	CUL9	6
CUTA	51596	CUTA	6
CUTC	51076	CUTC	10
CUTL1	1523	CUTL1	7
CUX1	1523	CUX1	7
CUX2	23316	CUX2	12
CWC15	51503	CWC15	11
CWC22	57703	CWC22	2
CWF19L1	55280	CWF19L1	10
CWF19L2	143884	CWF19L2	11
CX3CR1	1524	CX3CR1	3
CXADR	1525	CXADR	21
CXADRP2	646243	CXADRP2	15
CXCL10	3627	CXCL10	4
CXCL16	58191	CXCL16	17
CXCL3	2921	CXCL3	4
CXCL5	6374	CXCL5	4
CXCL9	4283	CXCL9	4
CXCR3	2833	CXCR3	X
CXCR4	7852	CXCR4	2
CXCR5	643	CXCR5	11
CXCR7	57007	CXCR7	2
CXORF12	8269	CXorf12	X
CXORF15	55787	CXorf15	X
CXORF21	80231	CXorf21	X
CXORF22	170063	CXorf22	X
CXORF23	256643	CXorf23	X
CXORF26	51260	CXorf26	X
CXORF27	25763	CXorf27	X
CXORF36	79742	CXorf36	X
CXORF38	159013	CXorf38	X
CXORF39	139231	CXorf39	X
CXORF40A	91966	CXorf40A	X
CXORF40B	541578	CXorf40B	X
CXORF45	79868	CXorf45	X
CXORF55	139804	CXorf55	X
CXORF56	63932	CXorf56	X
CXORF57	55086	CXorf57	X
CXORF59	286464	CXorf59	X

CXORF64	100130613	CXorf64	X
CXXC1	30827	CXXC1	18
CXXC4	80319	CXXC4	4
CXXC5	51523	CXXC5	5
CXYORF2	80161	CXYorf2	XY
CYB561	1534	CYB561	17
CYB561D1	284613	CYB561D1	1
CYB561D2	11068	CYB561D2	3
CYB5A	1528	CYB5A	18
CYB5B	80777	CYB5B	16
CYB5D1	124637	CYB5D1	17
CYB5D2	124936	CYB5D2	17
CYB5R1	51706	CYB5R1	1
CYB5R2	51700	CYB5R2	11
CYB5R3	1727	CYB5R3	22
CYB5R4	51167	CYB5R4	6
CYB5RL	606495	CYB5RL	1
CYBA	1535	CYBA	16
CYBASC3	220002	CYBASC3	11
CYBB	1536	CYBB	X
CYBRD1	79901	CYBRD1	2
CYC1	1537	CYC1	8
CYCS	54205	CYCS	7
CYCSL1	157317	CYCSL1	6
CYFIP2	26999	CYFIP2	5
CYHR1	50626	CYHR1	8
CYLD	1540	CYLD	16
CYLN2	7461	CYLN2	7
CYORF15A	246126	CYorf15A	Y
CYP11A1	1583	CYP11A1	15
CYP11B1	1584	CYP11B1	8
CYP1A1	1543	CYP1A1	15
CYP1B1	1545	CYP1B1	2
CYP20A1	57404	CYP20A1	2
CYP26A1	1592	CYP26A1	10
CYP26B1	56603	CYP26B1	2
CYP27A1	1593	CYP27A1	2
CYP27B1	1594	CYP27B1	12
CYP2B6	1555	CYP2B6	19
CYP2C8	1558	CYP2C8	10
CYP2C9	1559	CYP2C9	10
CYP2D6	1565	CYP2D6	22
CYP2E1	1571	CYP2E1	10
CYP2F1	1572	CYP2F1	19

CYP2R1	120227	CYP2R1	11
CYP39A1	51302	CYP39A1	6
CYP3A7	1551	CYP3A7	7
CYP46A1	10858	CYP46A1	14
CYP4F12	66002	CYP4F12	19
CYP4F2	8529	CYP4F2	19
CYP4V2	285440	CYP4V2	4
CYP51A1	1595	CYP51A1	7
CYSLTR1	10800	CYSLTR1	X
CYTH1	9267	CYTH1	17
CYTH2	9266	CYTH2	19
CYTH3	9265	CYTH3	7
CYTH4	27128	CYTH4	22
CYTIP	9595	CYTIP	2
CYTL1	54360	CYTL1	4
CYTSA	23384	CYTSA	22
CYTSB	92521	CYTSB	17
D21S2056E	8568	D21S2056E	21
D2HGDH	728294	D2HGDH	2
D4S234E	27065	D4S234E	4
DAAM1	23002	DAAM1	14
DACT1	51339	DACT1	14
DACT3	147906	DACT3	19
DAD1	1603	DAD1	14
DAD1L	56286	DAD1L	12
DAG1	1605	DAG1	3
DAGLB	221955	DAGLB	7
DAK	26007	DAK	11
DAO	1610	DAO	12
DAP	1611	DAP	5
DAP3	7818	DAP3	1
DAPK1	1612	DAPK1	9
DAPK2	23604	DAPK2	15
DAPK3	1613	DAPK3	19
DAPL1	92196	DAPL1	2
DAPP1	27071	DAPP1	4
DARC	2532	DARC	1
DARS	1615	DARS	2
DARS2	55157	DARS2	1
DAXX	1616	DAXX	6
DAZAP1	26528	DAZAP1	19
DAZAP2	9802	DAZAP2	12
DAZL	1618	DAZL	3
DBC1	1620	DBC1	9

DBF4	10926	DBF4	7
DBI	1622	DBI	2
DBN1	1627	DBN1	5
DBNDD1	79007	DBNDD1	16
DBNDD2	55861	DBNDD2	20
DBNL	28988	DBNL	7
DBP	1628	DBP	19
DBR1	51163	DBR1	3
DBT	1629	DBT	1
DC36	389760	DC36	
DCAF10	79269	DCAF10	9
DCAF15	90379	DCAF15	19
DCAF16	54876	DCAF16	4
DCAF6	55827	DCAF6	1
DCAF7	10238	DCAF7	17
DCAKD	79877	DCAKD	17
DCBLD1	285761	DCBLD1	6
DCBLD2	131566	DCBLD2	3
DCDC1	341019	DCDC1	11
DCDC2B	149069	DCDC2B	1
DCI	1632	DCI	16
DCK	1633	DCK	4
DCLK2	166614	DCLK2	4
DCLRE1A	9937	DCLRE1A	10
DCLRE1B	64858	DCLRE1B	1
DCLRE1C	64421	DCLRE1C	10
DCP1A	55802	DCP1A	3
DCP1B	196513	DCP1B	12
DCP2	167227	DCP2	5
DCPS	28960	DCPS	11
DCTD	1635	DCTD	4
DCTN1	1639	DCTN1	2
DCTN2	10540	DCTN2	12
DCTN3	11258	DCTN3	9
DCTN5	84516	DCTN5	16
DCTN6	10671	DCTN6	8
DCTPP1	79077	DCTPP1	16
DCUN1D1	54165	DCUN1D1	3
DCUN1D3	123879	DCUN1D3	16
DCUN1D4	23142	DCUN1D4	4
DCUN1D5	84259	DCUN1D5	11
DCXR	51181	DCXR	17
DDA1	79016	DDA1	19
DDAH1	23576	DDAH1	1

DDAH2	23564	DDAH2	6
DDB1	1642	DDB1	
DDB2	1643	DDB2	11
DDC	1644	DDC	7
DDEF2	8853	DDEF2	2
DDHD2	23259	DDHD2	8
DDIT3	1649	DDIT3	12
DDIT4	54541	DDIT4	10
DDIT4L	115265	DDIT4L	4
DDN	23109	DDN	12
DDOST	1650	DDOST	1
DDR1	780	DDR1	6
DDRGK1	65992	DDRGK1	20
DDT	1652	DDT	22
DDTL	100037417	DDTL	22
DDX1	1653	DDX1	2
DDX10	1662	DDX10	11
DDX11	1663	DDX11	12
DDX17	10521	DDX17	22
DDX18	8886	DDX18	2
DDX19A	55308	DDX19A	16
DDX19B	11269	DDX19B	16
DDX19-DDX19L	544314	DDX19-DDX19L	16
DDX20	11218	DDX20	1
DDX21	9188	DDX21	10
DDX23	9416	DDX23	12
DDX24	57062	DDX24	14
DDX26B	203522	DDX26B	X
DDX27	55661	DDX27	20
DDX28	55794	DDX28	16
DDX31	64794	DDX31	9
DDX39	10212	DDX39	19
DDX3X	1654	DDX3X	X
DDX3Y	8653	DDX3Y	Y
DDX4	54514	DDX4	5
DDX41	51428	DDX41	5
DDX42	11325	DDX42	17
DDX46	9879	DDX46	5
DDX47	51202	DDX47	12
DDX49	54555	DDX49	19
DDX5	1655	DDX5	17
DDX50	79009	DDX50	10
DDX52	11056	DDX52	17
DDX54	79039	DDX54	12

DDX55	57696	DDX55	12
DDX56	54606	DDX56	7
DDX58	23586	DDX58	9
DDX59	83479	DDX59	1
DDX6	1656	DDX6	11
DDX60	55601	DDX60	4
DEADC1	134637	DEADC1	6
DEAF1	10522	DEAF1	11
DECR1	1666	DECR1	8
DECR2	26063	DECR2	16
DEDD	9191	DEDD	1
DEDD2	162989	DEDD2	19
DEF6	50619	DEF6	6
DEF8	54849	DEF8	16
DEFB103B	414325	DEFB103B	8
DEFB116	245930	DEFB116	20
DEFB122	245935	DEFB122	20
DEFB123	245936	DEFB123	20
DEFB125	245938	DEFB125	20
DEFB130	245940	DEFB130	8
DEFB133	403339	DEFB133	
DEFB134	613211	DEFB134	8
DEFB4	1673	DEFB4	8
DEGS1	8560	DEGS1	1
DEGS2	123099	DEGS2	14
DEK	7913	DEK	6
DEM1	64789	DEM1	1
DENND1A	57706	DENND1A	9
DENND1C	79958	DENND1C	19
DENND2C	163259	DENND2C	1
DENND2D	79961	DENND2D	1
DENND3	22898	DENND3	8
DENND4A	10260	DENND4A	15
DENND4B	9909	DENND4B	1
DENND4C	55667	DENND4C	9
DENND5A	23258	DENND5A	11
DENND5B	160518	DENND5B	12
DENR	8562	DENR	12
DEPDC1B	55789	DEPDC1B	5
DEPDC5	9681	DEPDC5	22
DEPDC6	64798	DEPDC6	8
DEPDC7	91614	DEPDC7	11
DERA	51071	DERA	12
DERL1	79139	DERL1	8

DERL2	51009	DERL2	17
DERL3	91319	DERL3	22
DET1	55070	DET1	15
DEXI	28955	DEXI	16
DFFA	1676	DFFA	1
DFFB	1677	DFFB	1
DFNA5	1687	DFNA5	7
DFNB31	25861	DFNB31	9
DFNB59	494513	DFNB59	2
DGAT1	8694	DGAT1	8
DGAT2	84649	DGAT2	11
DGCR14	8220	DGCR14	22
DGCR2	9993	DGCR2	22
DGCR6	8214	DGCR6	22
DGCR6L	85359	DGCR6L	22
DGCR8	54487	DGCR8	22
DGKA	1606	DGKA	12
DGKD	8527	DGKD	2
DGKE	8526	DGKE	17
DGKQ	1609	DGKQ	4
DGUOK	1716	DGUOK	2
DHCR24	1718	DHCR24	1
DHCR7	1717	DHCR7	11
DHDDS	79947	DHDDS	1
DHDH	27294	DHDH	19
DHFR	1719	DHFR	5
DHH	50846	DHH	12
DHODH	1723	DHODH	16
DHRS1	115817	DHRS1	14
DHRS11	79154	DHRS11	17
DHRS12	79758	DHRS12	13
DHRS13	147015	DHRS13	17
DHRS2	10202	DHRS2	14
DHRS4	10901	DHRS4	14
DHRS4L2	317749	DHRS4L2	14
DHRS7	51635	DHRS7	14
DHRS7B	25979	DHRS7B	17
DHRS7C	201140	DHRS7C	17
DHRSX	207063	DHRSX	Y
DHTKD1	55526	DHTKD1	10
DHX15	1665	DHX15	4
DHX16	8449	DHX16	6
DHX29	54505	DHX29	5
DHX30	22907	DHX30	3

DHX32	55760	DHX32	10
DHX33	56919	DHX33	17
DHX34	9704	DHX34	19
DHX35	60625	DHX35	20
DHX36	170506	DHX36	3
DHX37	57647	DHX37	12
DHX38	9785	DHX38	16
DHX40	79665	DHX40	
DHX58	79132	DHX58	17
DHX8	1659	DHX8	17
DHX9	1660	DHX9	1
DIABLO	56616	DIABLO	12
DIAPH1	1729	DIAPH1	5
DIAPH3	81624	DIAPH3	13
DICER1	23405	DICER1	14
DIDO1	11083	DIDO1	20
DIMT1L	27292	DIMT1L	5
DIP2A	23181	DIP2A	21
DIP2B	57609	DIP2B	12
DIP2C	22982	DIP2C	10
DIRAS1	148252	DIRAS1	19
DIRAS3	9077	DIRAS3	1
DIRC1	116093	DIRC1	2
DIRC2	84925	DIRC2	3
DIS3L	115752	DIS3L	15
DIS3L2	129563	DIS3L2	2
DISP1	84976	DISP1	1
DISP2	85455	DISP2	15
DIXDC1	85458	DIXDC1	11
DJ222E13.2	91695	dJ222E13.2	22
DJ341D10.1	286453	dJ341D10.1	X
DKC1	1736	DKC1	X
DKFZP434A062	26102	DKFZP434A062	9
DKFZP434J1015	54753	DKFZp434J1015	
DKFZP434K191	29797	DKFZp434K191	22
DKFZP434L187	26082	DKFZP434L187	15
DKFZP434M131	441452	DKFZp434M131	9
DKFZP434N035	84222	DKFZp434N035	22
DKFZP451A211	400169	DKFZp451A211	13
DKFZP547K054	56974	DKFZp547K054	
DKFZP564C196	284649	DKFZP564C196	
DKFZP564O0523	84060	DKFZP564O0523	7
DKFZP586I1420	222161	DKFZP586I1420	7
DKFZP667M2411	147172	DKFZp667M2411	17

DKFZP686C2281	644296	DKFZP686C2281	
DKFZP686E2158	643155	DKFZP686E2158	
DKFZP686K1684	440034	DKFZp686K1684	11
DKFZP686O1327	401014	DKFZp686O1327	
DKFZP686O2416	374383	DKFZp686O2416	11
DKFZP761O2018	92293	DKFZp761O2018	
DKFZP761P0423	157285	DKFZp761P0423	8
DKFZP779B1634	342850	DKFZp779B1634	
DKFZP779M0652	374387	DKFZp779M0652	
DKKL1	27120	DKKL1	19
DLAT	1737	DLAT	11
DLD	1738	DLD	7
DLEU1	10301	DLEU1	13
DLEU2	8847	DLEU2	13
DLEU2L	79469	DLEU2L	1
DLG1	1739	DLG1	3
DLG2	1740	DLG2	11
DLG3	1741	DLG3	X
DLG4	1742	DLG4	17
DLGAP4	22839	DLGAP4	20
DLGAP5	9787	DLGAP5	14
DLK2	65989	DLK2	6
DLL1	28514	DLL1	6
DLL3	10683	DLL3	19
DLST	1743	DLST	14
DLX1	1745	DLX1	2
DLX2	1746	DLX2	2
DLX6AS	285987	DLX6AS	7
DMAP1	55929	DMAP1	1
DMBX1	127343	DMBX1	1
DMC1	11144	DMC1	22
DMKN	93099	DMKN	19
DMRT1	1761	DMRT1	9
DMRTA1	63951	DMRTA1	9
DMRTA2	63950	DMRTA2	1
DMTF1	9988	DMTF1	7
DMWD	1762	DMWD	19
DMXL1	1657	DMXL1	5
DMXL2	23312	DMXL2	15
DNA2	1763	DNA2	10
DNAH2	146754	DNAH2	17
DNAH3	55567	DNAH3	16
DNAI1	27019	DNAI1	9
DNAJA1	3301	DNAJA1	9

DNAJA2	10294	DNAJA2	16
DNAJA3	9093	DNAJA3	16
DNAJA4	55466	DNAJA4	15
DNAJB1	3337	DNAJB1	19
DNAJB11	51726	DNAJB11	3
DNAJB12	54788	DNAJB12	10
DNAJB14	79982	DNAJB14	4
DNAJB2	3300	DNAJB2	2
DNAJB4	11080	DNAJB4	1
DNAJB5	25822	DNAJB5	
DNAJB6	10049	DNAJB6	7
DNAJB9	4189	DNAJB9	7
DNAJC1	64215	DNAJC1	10
DNAJC10	54431	DNAJC10	2
DNAJC11	55735	DNAJC11	1
DNAJC12	56521	DNAJC12	10
DNAJC14	85406	DNAJC14	12
DNAJC15	29103	DNAJC15	13
DNAJC16	23341	DNAJC16	1
DNAJC17	55192	DNAJC17	15
DNAJC18	202052	DNAJC18	5
DNAJC19	131118	DNAJC19	3
DNAJC2	27000	DNAJC2	7
DNAJC21	134218	DNAJC21	5
DNAJC22	79962	DNAJC22	12
DNAJC24	120526	DNAJC24	11
DNAJC25	548645	DNAJC25	9
DNAJC27	51277	DNAJC27	2
DNAJC28	54943	DNAJC28	21
DNAJC3	5611	DNAJC3	13
DNAJC30	84277	DNAJC30	7
DNAJC4	3338	DNAJC4	11
DNAJC5	80331	DNAJC5	20
DNAJC5B	85479	DNAJC5B	8
DNAJC6	9829	DNAJC6	1
DNAJC7	7266	DNAJC7	17
DNAJC8	22826	DNAJC8	1
DNAJC9	23234	DNAJC9	10
DNAL1	83544	DNAL1	14
DNAL4	10126	DNAL4	22
DNALI1	7802	DNALI1	1
DNASE1	1773	DNASE1	16
DNASE1L1	1774	DNASE1L1	X
DNASE1L2	1775	DNASE1L2	16

DNASE1L3	1776	DNASE1L3	3
DNASE2	1777	DNASE2	19
DNCL1	8655	DNCL1	12
DNER	92737	DNER	2
DNHD1	144132	DNHD1	11
DNHD2	201625	DNHD2	
DNLZ	728489	DNLZ	9
DNM1L	10059	DNM1L	12
DNM2	1785	DNM2	19
DNM3	26052	DNM3	1
DNMT1	1786	DNMT1	19
DNMT3A	1788	DNMT3A	2
DNMT3B	1789	DNMT3B	20
DNMT3L	29947	DNMT3L	21
DNPEP	23549	DNPEP	2
DNTT	1791	DNTT	10
DNTTIP1	116092	DNTTIP1	20
DNTTIP2	30836	DNTTIP2	1
DOC2A	8448	DOC2A	16
DOCK10	55619	DOCK10	2
DOCK11	139818	DOCK11	X
DOCK2	1794	DOCK2	5
DOCK6	57572	DOCK6	19
DOCK7	85440	DOCK7	1
DOCK8	81704	DOCK8	9
DOCK9	23348	DOCK9	13
DOHH	83475	DOHH	19
DOK3	79930	DOK3	5
DOK4	55715	DOK4	16
DOK6	220164	DOK6	18
DOLK	22845	DOLK	9
DOLPP1	57171	DOLPP1	9
DOM3Z	1797	DOM3Z	6
DONSON	29980	DONSON	21
DOPEY1	23033	DOPEY1	6
DOPEY2	9980	DOPEY2	21
DOT1L	84444	DOT1L	19
DPAGT1	1798	DPAGT1	11
DPCR1	135656	DPCR1	6
DPEP2	64174	DPEP2	16
DPF1	8193	DPF1	19
DPF2	5977	DPF2	11
DPF3	8110	DPF3	
DPH1	1801	DPH1	17

DPH2	1802	DPH2	1
DPH3	285381	DPH3	3
DPH5	51611	DPH5	1
DPM1	8813	DPM1	20
DPM2	8818	DPM2	9
DPM3	54344	DPM3	1
DPP10	57628	DPP10	2
DPP3	10072	DPP3	11
DPP7	29952	DPP7	9
DPP8	54878	DPP8	15
DPP9	91039	DPP9	19
DPRXP4	503645	DPRXP4	17
DPY19L1	23333	DPY19L1	7
DPY19L3	147991	DPY19L3	19
DPY19L4	286148	DPY19L4	8
DPY30	84661	DPY30	2
DPYD	1806	DPYD	1
DPYSL2	1808	DPYSL2	8
DPYSL3	1809	DPYSL3	5
DR1	1810	DR1	1
DRAM1	55332	DRAM1	12
DRAP1	10589	DRAP1	11
DRD1IP	50632	DRD1IP	10
DRD4	1815	DRD4	11
DRG1	4733	DRG1	22
DRG2	1819	DRG2	17
DSC1	1823	DSC1	18
DSC2	1824	DSC2	18
DSC3	1825	DSC3	18
DSCAML1	57453	DSCAML1	11
DSCC1	79075	DSCC1	8
DSCR3	10311	DSCR3	21
DSG2	1829	DSG2	18
DSG3	1830	DSG3	18
DSN1	79980	DSN1	20
DSTN	11034	DSTN	20
DSTYK	25778	DSTYK	1
DTD1	92675	DTD1	20
DTL	51514	DTL	1
DTNA	1837	DTNA	18
DTNB	1838	DTNB	2
DTNBP1	84062	DTNBP1	6
DTWD1	56986	DTWD1	15
DTWD2	285605	DTWD2	5

DTX1	1840	DTX1	12
DTX2	113878	DTX2	7
DTX3	196403	DTX3	12
DTX3L	151636	DTX3L	3
DTX4	23220	DTX4	11
DTYMK	1841	DTYMK	2
DULLARD	23399	DULLARD	17
DUS1L	64118	DUS1L	17
DUS2L	54920	DUS2L	16
DUS3L	56931	DUS3L	19
DUS4L	11062	DUS4L	7
DUSP1	1843	DUSP1	5
DUSP10	11221	DUSP10	1
DUSP11	8446	DUSP11	2
DUSP12	11266	DUSP12	1
DUSP14	11072	DUSP14	17
DUSP15	128853	DUSP15	20
DUSP16	80824	DUSP16	12
DUSP18	150290	DUSP18	22
DUSP19	142679	DUSP19	2
DUSP2	1844	DUSP2	2
DUSP22	56940	DUSP22	6
DUSP23	54935	DUSP23	1
DUSP26	78986	DUSP26	8
DUSP28	285193	DUSP28	2
DUSP3	1845	DUSP3	17
DUSP5	1847	DUSP5	10
DUSP7	1849	DUSP7	3
DUSP8	1850	DUSP8	11
DUSP9	1852	DUSP9	X
DUT	1854	DUT	15
DUX3	26582	DUX3	
DUXAP3	503632	DUXAP3	10
DVL1	1855	DVL1	1
DVL2	1856	DVL2	17
DVL3	1857	DVL3	3
DYM	54808	DYM	18
DYNC1H1	1778	DYNC1H1	14
DYNC1I1	1780	DYNC1I1	7
DYNC1I2	1781	DYNC1I2	2
DYNC1LI2	1783	DYNC1LI2	16
DYNC2H1	79659	DYNC2H1	11
DYNC2LI1	51626	DYNC2LI1	2
DYNLL1	8655	DYNLL1	12

DYNLL2	140735	DYNLL2	17
DYNLRB1	83658	DYNLRB1	20
DYNLT1	6993	DYNLT1	6
DYNLT3	6990	DYNLT3	X
DYRK1A	1859	DYRK1A	21
DYRK1B	9149	DYRK1B	19
DYRK2	8445	DYRK2	12
DYRK3	8444	DYRK3	1
DYRK4	8798	DYRK4	12
DYX1C1	161582	DYX1C1	15
E2F1	1869	E2F1	20
E2F2	1870	E2F2	1
E2F3	1871	E2F3	6
E2F4	1874	E2F4	16
E2F5	1875	E2F5	8
E2F6	1876	E2F6	2
E2F7	144455	E2F7	12
E2F8	79733	E2F8	11
E4F1	1877	E4F1	16
EAF1	85403	EAF1	3
EAF2	55840	EAF2	3
EAPP	55837	EAPP	14
EARS2	124454	EARS2	16
EBAG9	9166	EBAG9	8
EBF1	1879	EBF1	5
EBF3	253738	EBF3	10
EBF4	57593	EBF4	20
EBI2	1880	EBI2	13
EBI3	10148	EBI3	19
EBNA1BP2	10969	EBNA1BP2	1
EBP	10682	EBP	X
EBPL	84650	EBPL	13
ECAT8	91646	ECAT8	
ECD	11319	ECD	10
ECE1	1889	ECE1	1
ECE2	9718	ECE2	3
ECGF1	1890	ECGF1	22
ECH1	1891	ECH1	19
ECHDC1	55862	ECHDC1	6
ECHDC3	79746	ECHDC3	10
ECHS1	1892	ECHS1	10
ECOP	81552	ECOP	7
ECSIT	51295	ECSIT	19
ECT2	1894	ECT2	3

ECT2L	345930	ECT2L	6
EDAR	10913	EDAR	2
EDC3	80153	EDC3	15
EDEM1	9695	EDEM1	3
EDEM2	55741	EDEM2	20
EDEM3	80267	EDEM3	1
EDF1	8721	EDF1	9
EDG1	1901	EDG1	1
EDG4	9170	EDG4	19
EDN2	1907	EDN2	1
EEA1	8411	EEA1	12
EED	8726	EED	11
EEF1A2	1917	EEF1A2	20
EEF1AL7	441032	EEF1AL7	4
EEF1B2	1933	EEF1B2	2
EEF1D	1936	EEF1D	8
EEF1G	1937	EEF1G	11
EEF2	1938	EEF2	19
EEF2K	29904	EEF2K	16
EEFSEC	60678	EEFSEC	3
EEPD1	80820	EEPD1	7
EFCAB3	146779	EFCAB3	17
EFCAB4A	283229	EFCAB4A	11
EFCAB7	84455	EFCAB7	1
EFEMP2	30008	EFEMP2	11
EFHA1	221154	EFHA1	13
EFHC1	114327	EFHC1	
EFHD1	80303	EFHD1	2
EFHD2	79180	EFHD2	1
EFNA1	1942	EFNA1	1
EFNA2	1943	EFNA2	19
EFNA4	1945	EFNA4	1
EFNB1	1947	EFNB1	X
EFNB2	1948	EFNB2	13
EFNB3	1949	EFNB3	17
EFR3A	23167	EFR3A	8
EFR3B	22979	EFR3B	2
EFTUD1	79631	EFTUD1	15
EFTUD2	9343	EFTUD2	17
EGFL7	51162	EGFL7	9
EGLN1	54583	EGLN1	1
EGOT	100126791	EGOT	3
EGR1	1958	EGR1	5
EGR2	1959	EGR2	10

EGR3	1960	EGR3	8
EHBP1	23301	EHBP1	2
EHBP1L1	254102	EHBP1L1	11
EHD1	10938	EHD1	11
EHD3	30845	EHD3	2
EHD4	30844	EHD4	15
EHHADH	1962	EHHADH	3
EHMT1	79813	EHMT1	
EHMT2	10919	EHMT2	6
EI24	9538	EI24	11
EID1	23741	EID1	15
EID2B	126272	EID2B	19
EID3	493861	EID3	12
EIF1	10209	EIF1	17
EIF1AD	84285	EIF1AD	11
EIF1AX	1964	EIF1AX	
EIF1AY	9086	EIF1AY	Y
EIF1B	10289	EIF1B	3
EIF2A	83939	EIF2A	3
EIF2AK1	27102	EIF2AK1	7
EIF2AK2	5610	EIF2AK2	2
EIF2AK3	9451	EIF2AK3	2
EIF2AK4	440275	EIF2AK4	15
EIF2B1	1967	EIF2B1	12
EIF2B2	8892	EIF2B2	14
EIF2B3	8891	EIF2B3	1
EIF2B4	8890	EIF2B4	2
EIF2B5	8893	EIF2B5	3
EIF2C1	26523	EIF2C1	1
EIF2C2	27161	EIF2C2	8
EIF2C3	192669	EIF2C3	1
EIF2C4	192670	EIF2C4	1
EIF2S1	1965	EIF2S1	14
EIF2S2	8894	EIF2S2	20
EIF2S3	1968	EIF2S3	X
EIF3A	8661	EIF3A	10
EIF3B	8662	EIF3B	7
EIF3C	8663	EIF3C	16
EIF3CL	728689	EIF3CL	16
EIF3D	8664	EIF3D	22
EIF3E	3646	EIF3E	8
EIF3F	8665	EIF3F	11
EIF3G	8666	EIF3G	19
EIF3H	8667	EIF3H	8

EIF3I	8668	EIF3I	1
EIF3J	8669	EIF3J	15
EIF3K	27335	EIF3K	19
EIF3L	51386	EIF3L	22
EIF3M	10480	EIF3M	11
EIF4A1	1973	EIF4A1	17
EIF4A2	1974	EIF4A2	3
EIF4A3	9775	EIF4A3	17
EIF4B	1975	EIF4B	12
EIF4E	1977	EIF4E	4
EIF4E2	9470	EIF4E2	2
EIF4E3	317649	EIF4E3	3
EIF4EBP1	1978	EIF4EBP1	8
EIF4EBP2	1979	EIF4EBP2	10
EIF4EBP3	8637	EIF4EBP3	5
EIF4ENIF1	56478	EIF4ENIF1	22
EIF4G1	1981	EIF4G1	3
EIF4G2	1982	EIF4G2	11
EIF4G3	8672	EIF4G3	1
EIF4H	7458	EIF4H	7
EIF5	1983	EIF5	14
EIF5A	1984	EIF5A	17
EIF5A2	56648	EIF5A2	3
EIF6	3692	EIF6	20
ELA3A	10136	ELA3A	1
ELAC1	55520	ELAC1	18
ELAC2	60528	ELAC2	17
ELANE	1991	ELANE	19
ELAVL1	1994	ELAVL1	19
ELF1	1997	ELF1	13
ELF3	1999	ELF3	1
ELF4	2000	ELF4	X
ELFN2	114794	ELFN2	22
ELK1	2002	ELK1	X
ELK3	2004	ELK3	12
ELK4	2005	ELK4	1
ELL	8178	ELL	19
ELL2	22936	ELL2	
ELL3	80237	ELL3	15
ELMO1	9844	ELMO1	7
ELMO2	63916	ELMO2	20
ELMO3	79767	ELMO3	16
ELMOD1	55531	ELMOD1	11
ELMOD2	255520	ELMOD2	4

ELN	2006	ELN	7
ELOF1	84337	ELOF1	19
ELOVL2	54898	ELOVL2	6
ELOVL3	83401	ELOVL3	10
ELOVL4	6785	ELOVL4	6
ELOVL5	60481	ELOVL5	6
ELOVL6	79071	ELOVL6	4
ELOVL7	79993	ELOVL7	5
ELP2	55250	ELP2	18
ELP2P	100131454	ELP2P	17
ELP3	55140	ELP3	8
ELP4	26610	ELP4	11
EMB	133418	EMB	5
EMD	2010	EMD	X
EME1	146956	EME1	17
EMG1	10436	EMG1	12
EMILIN2	84034	EMILIN2	18
EML1	2009	EML1	14
EML2	24139	EML2	19
EML3	256364	EML3	11
EML4	27436	EML4	2
EMP3	2014	EMP3	19
EMR1	2015	EMR1	19
EMR2	30817	EMR2	19
EMR4	326342	EMR4	19
EMR4P	326342	EMR4P	19
EMX1	2016	EMX1	2
EMX2OS	196047	EMX2OS	10
ENAH	55740	ENAH	1
ENAM	10117	ENAM	4
ENC1	8507	ENC1	5
ENDOD1	23052	ENDOD1	11
ENDOG	2021	ENDOG	9
ENHO	375704	ENHO	9
ENO1	2023	ENO1	1
ENO2	2026	ENO2	12
ENO3	2027	ENO3	17
ENOPH1	58478	ENOPH1	4
ENOSF1	55556	ENOSF1	18
ENOX1	55068	ENOX1	13
ENOX2	10495	ENOX2	X
ENPP1	5167	ENPP1	6
ENPP2	5168	ENPP2	8
ENPP3	5169	ENPP3	6

ENPP4	22875	ENPP4	6
ENPP5	59084	ENPP5	6
ENSA	2029	ENSA	1
ENTHD1	150350	ENTHD1	22
ENTPD1	953	ENTPD1	10
ENTPD2	954	ENTPD2	9
ENTPD4	9583	ENTPD4	8
ENTPD6	955	ENTPD6	20
ENY2	56943	ENY2	8
EOMES	8320	EOMES	3
EP400	57634	EP400	12
EPAS1	2034	EPAS1	2
EPB41	2035	EPB41	1
EPB41L1	2036	EPB41L1	20
EPB41L2	2037	EPB41L2	6
EPB41L4B	54566	EPB41L4B	9
EPB41L5	57669	EPB41L5	2
EPC1	80314	EPC1	10
EPC2	26122	EPC2	2
EPCAM	4072	EPCAM	2
EPDR1	54749	EPDR1	7
EPGN	255324	EPGN	4
EPHA3	2042	EPHA3	3
EPHA4	2043	EPHA4	2
EPHB1	2047	EPHB1	3
EPHB4	2050	EPHB4	7
EPHB6	2051	EPHB6	7
EPHX1	2052	EPHX1	1
EPHX2	2053	EPHX2	8
EPM2A	7957	EPM2A	6
EPM2AIP1	9852	EPM2AIP1	3
EPN1	29924	EPN1	19
EPN2	22905	EPN2	17
EPOR	2057	EPOR	19
EPPB9	27077	EPPB9	17
EPR1	8475	EPR1	17
EPRS	2058	EPRS	1
EPS15	2060	EPS15	1
EPS15L1	58513	EPS15L1	19
EPS8	2059	EPS8	12
EPS8L2	64787	EPS8L2	
EPSTI1	94240	EPSTI1	13
ERAL1	26284	ERAL1	17
ERAP1	51752	ERAP1	5

ERAP2	64167	ERAP2	5
ERBB2	2064	ERBB2	17
ERBB3	2065	ERBB3	12
ERCC1	2067	ERCC1	19
ERCC2	2068	ERCC2	19
ERCC3	2071	ERCC3	2
ERCC5	2073	ERCC5	13
ERCC6	2074	ERCC6	10
ERCC6L	54821	ERCC6L	X
ERCC8	1161	ERCC8	5
ERGIC1	57222	ERGIC1	5
ERGIC3	51614	ERGIC3	20
ERH	2079	ERH	14
ERI1	90459	ERI1	8
ERI2	112479	ERI2	16
ERICH1	157697	ERICH1	8
ERLIN1	10613	ERLIN1	10
ERLIN2	11160	ERLIN2	8
ERMAP	114625	ERMAP	1
ERMP1	79956	ERMP1	9
ERN1	2081	ERN1	17
ERO1L	30001	ERO1L	14
ERO1LB	56605	ERO1LB	1
ERP27	121506	ERP27	12
ERP29	10961	ERP29	12
ERP44	23071	ERP44	9
ERRFI1	54206	ERRFI1	1
ERV3	2086	ERV3	7
ESAM	90952	ESAM	11
ESCO1	114799	ESCO1	18
ESCO2	157570	ESCO2	8
ESD	2098	ESD	13
ESM1	11082	ESM1	5
ESPL1	9700	ESPL1	12
ESPN	83715	ESPN	1
ESPNL	339768	ESPNL	2
ESR2	2100	ESR2	14
ESRRA	2101	ESRRA	11
ESRRAP2	144832	ESRRAP2	13
ESRRG	2104	ESRRG	1
ESYT1	23344	ESYT1	12
ETAA1	54465	ETAA1	2
ETF1	2107	ETF1	5
ETFA	2108	ETFA	15

ETFB	2109	ETFB	19
ETFDH	2110	ETFDH	4
ETHE1	23474	ETHE1	19
ETNK1	55500	ETNK1	12
ETNK2	55224	ETNK2	1
ETS1	2113	ETS1	11
ETS2	2114	ETS2	21
ETV3	2117	ETV3	1
ETV4	2118	ETV4	17
ETV5	2119	ETV5	3
ETV6	2120	ETV6	12
ETV7	51513	ETV7	6
EVI1	2122	EVI1	3
EVI2A	2123	EVI2A	17
EVI2B	2124	EVI2B	17
EVI5	7813	EVI5	1
EVI5L	115704	EVI5L	19
EVL	51466	EVL	14
EWSR1	2130	EWSR1	22
EXD2	55218	EXD2	14
EXO1	9156	EXO1	1
EXOC1	55763	EXOC1	4
EXOC2	55770	EXOC2	6
EXOC3	11336	EXOC3	5
EXOC4	60412	EXOC4	7
EXOC6	54536	EXOC6	10
EXOC7	23265	EXOC7	17
EXOC8	149371	EXOC8	1
EXOD1	112479	EXOD1	16
EXOG	9941	EXOG	3
EXOSC1	51013	EXOSC1	10
EXOSC10	5394	EXOSC10	1
EXOSC2	23404	EXOSC2	9
EXOSC3	51010	EXOSC3	9
EXOSC4	54512	EXOSC4	8
EXOSC5	56915	EXOSC5	19
EXOSC6	118460	EXOSC6	16
EXOSC7	23016	EXOSC7	3
EXOSC8	11340	EXOSC8	13
EXOSC9	5393	EXOSC9	4
EXT1	2131	EXT1	8
EXT2	2132	EXT2	11
EXTL2	2135	EXTL2	1
EYA3	2140	EYA3	1

EYS	346007	EYS	6
EZH1	2145	EZH1	17
EZH2	2146	EZH2	7
EZR	7430	EZR	6
F11R	50848	F11R	1
F12	2161	F12	5
F2R	2149	F2R	5
F2RL3	9002	F2RL3	19
F5	2153	F5	1
F8A1	8263	F8A1	X
F8A3	474384	F8A3	X
FAAH	2166	FAAH	1
FABP1	2168	FABP1	2
FABP5	2171	FABP5	8
FABP5L2	729163	FABP5L2	
FABP5L3	220832	FABP5L3	7
FABP5L7	728641	FABP5L7	
FABP6	2172	FABP6	5
FABP7	2173	FABP7	6
FADD	8772	FADD	11
FADS1	3992	FADS1	11
FADS2	9415	FADS2	11
FADS3	3995	FADS3	11
FADS6	283985	FADS6	17
FAF1	11124	FAF1	1
FAF2	23197	FAF2	5
FAH	2184	FAH	15
FAHD1	81889	FAHD1	16
FAHD2A	51011	FAHD2A	2
FAHD2B	151313	FAHD2B	2
FAIM	55179	FAIM	3
FAIM2	23017	FAIM2	12
FAIM3	9214	FAIM3	1
FALZ	2186	FALZ	17
FAM100B	283991	FAM100B	17
FAM101A	144347	FAM101A	12
FAM101B	359845	FAM101B	17
FAM102A	399665	FAM102A	9
FAM102B	284611	FAM102B	1
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FAM104A	84923	FAM104A	17
FAM104B	90736	FAM104B	X
FAM105A	54491	FAM105A	5
FAM105B	90268	FAM105B	5

FAM107B	83641	FAM107B	10
FAM108A2	728917	FAM108A2	
FAM108A3	653401	FAM108A3	1
FAM108B1	51104	FAM108B1	9
FAM108C1	58489	FAM108C1	15
FAM109A	144717	FAM109A	12
FAM10A4	145165	FAM10A4	13
FAM10A7	155019	FAM10A7	7
FAM110A	83541	FAM110A	20
FAM111A	63901	FAM111A	11
FAM111B	374393	FAM111B	11
FAM113A	64773	FAM113A	20
FAM113B	91523	FAM113B	12
FAM114A2	10827	FAM114A2	5
FAM115A	9747	FAM115A	7
FAM116A	201627	FAM116A	
FAM116B	414918	FAM116B	
FAM117A	81558	FAM117A	17
FAM117B	150864	FAM117B	2
FAM118B	79607	FAM118B	11
FAM119A	151194	FAM119A	2
FAM119B	25895	FAM119B	12
FAM120A	23196	FAM120A	9
FAM120AOS	158293	FAM120AOS	9
FAM120B	84498	FAM120B	6
FAM122A	116224	FAM122A	9
FAM122B	159090	FAM122B	X
FAM123B	139285	FAM123B	X
FAM123C	205147	FAM123C	2
FAM125A	93343	FAM125A	19
FAM125B	89853	FAM125B	9
FAM126A	84668	FAM126A	7
FAM126B	285172	FAM126B	2
FAM127A	8933	FAM127A	X
FAM128A	653784	FAM128A	2
FAM128B	80097	FAM128B	2
FAM129B	64855	FAM129B	9
FAM129C	199786	FAM129C	19
FAM131A	131408	FAM131A	3
FAM131C	348487	FAM131C	1
FAM133B	257415	FAM133B	7
FAM134B	54463	FAM134B	5
FAM134C	162427	FAM134C	17
FAM135A	57579	FAM135A	6

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FAM136B	387071	FAM136B	6
FAM13A	10144	FAM13A	4
FAM13B	51306	FAM13B	5
FAM149B1	317662	FAM149B1	10
FAM14B	122509	FAM14B	14
FAM150B	285016	FAM150B	2
FAM151A	338094	FAM151A	
FAM153B	202134	FAM153B	5
FAM154B	283726	FAM154B	15
FAM156A	29057	FAM156A	X
FAM156B	727866	FAM156B	X
FAM158A	51016	FAM158A	14
FAM159A	348378	FAM159A	1
FAM160A2	84067	FAM160A2	11
FAM160B1	57700	FAM160B1	10
FAM160B2	64760	FAM160B2	8
FAM161A	84140	FAM161A	2
FAM161B	145483	FAM161B	14
FAM162B	221303	FAM162B	6
FAM164A	51101	FAM164A	8
FAM164C	79696	FAM164C	14
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FAM167A	83648	FAM167A	8
FAM167B	84734	FAM167B	1
FAM169A	26049	FAM169A	5
FAM170A	340069	FAM170A	5
FAM171A1	221061	FAM171A1	10
FAM172A	83989	FAM172A	
FAM173A	65990	FAM173A	16
FAM174A	345757	FAM174A	5
FAM175A	84142	FAM175A	4
FAM175B	23172	FAM175B	10
FAM177A1	283635	FAM177A1	14
FAM177B	400823	FAM177B	1
FAM178A	55719	FAM178A	10
FAM179B	23116	FAM179B	14
FAM184A	79632	FAM184A	6
FAM184B	27146	FAM184B	4
FAM186B	84070	FAM186B	12
FAM188A	80013	FAM188A	10
FAM189B	10712	FAM189B	1
FAM18B	51030	FAM18B	17
FAM190B	54462	FAM190B	10

FAM193A	8603	FAM193A	4
FAM193B	54540	FAM193B	5
FAM195A	84331	FAM195A	16
FAM195B	348262	FAM195B	17
FAM197Y2	252946	FAM197Y2	Y
FAM19A5	25817	FAM19A5	22
FAM20B	9917	FAM20B	1
FAM21A	387680	FAM21A	10
FAM21C	253725	FAM21C	10
FAM21D	653450	FAM21D	10
FAM22C	727807	FAM22C	10
FAM22F	54754	FAM22F	9
FAM23B	340843	FAM23B	10
FAM24B	196792	FAM24B	10
FAM25C	644054	FAM25C	10
FAM26A	119395	FAM26A	10
FAM26E	254228	FAM26E	6
FAM26F	441168	FAM26F	6
FAM27A	548321	FAM27A	
FAM27L	284123	FAM27L	17
FAM30A	29064	FAM30A	
FAM32A	26017	FAM32A	19
FAM35A	54537	FAM35A	
FAM36A	116228	FAM36A	1
FAM38A	9780	FAM38A	16
FAM38B	63895	FAM38B	18
FAM3A	60343	FAM3A	X
FAM3B	54097	FAM3B	21
FAM3C	10447	FAM3C	7
FAM40A	85369	FAM40A	1
FAM41C	284593	FAM41C	1
FAM43A	131583	FAM43A	3
FAM43B	163933	FAM43B	1
FAM44B	91272	FAM44B	5
FAM45A	404636	FAM45A	10
FAM45B	55855	FAM45B	X
FAM46A	55603	FAM46A	6
FAM46B	115572	FAM46B	1
FAM46C	54855	FAM46C	1
FAM49A	81553	FAM49A	2
FAM49B	51571	FAM49B	8
FAM50A	9130	FAM50A	X
FAM50B	26240	FAM50B	6
FAM53A	152877	FAM53A	4

FAM53B	9679	FAM53B	10
FAM53C	51307	FAM53C	5
FAM54A	113115	FAM54A	6
FAM54B	56181	FAM54B	1
FAM55C	91775	FAM55C	3
FAM57A	79850	FAM57A	17
FAM57B	83723	FAM57B	16
FAM58A	92002	FAM58A	X
FAM59A	64762	FAM59A	18
FAM59B	150946	FAM59B	2
FAM5B	57795	FAM5B	1
FAM5C	339479	FAM5C	1
FAM60A	58516	FAM60A	12
FAM62B	57488	FAM62B	7
FAM62C	83850	FAM62C	3
FAM63A	55793	FAM63A	1
FAM64A	54478	FAM64A	17
FAM65B	9750	FAM65B	6
FAM65C	140876	FAM65C	20
FAM69A	388650	FAM69A	1
FAM69B	138311	FAM69B	
FAM70A	55026	FAM70A	X
FAM70B	348013	FAM70B	
FAM71E1	112703	FAM71E1	19
FAM72A	729533	FAM72A	1
FAM72B	653820	FAM72B	1
FAM72D	728833	FAM72D	1
FAM73A	374986	FAM73A	1
FAM73B	84895	FAM73B	9
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FAM75A3	727830	FAM75A3	9
FAM75A6	389730	FAM75A6	9
FAM75B	404770	FAM75B	9
FAM75C1	441452	FAM75C1	
FAM76A	199870	FAM76A	1
FAM78A	286336	FAM78A	9
FAM78B	149297	FAM78B	1
FAM7A1	89838	FAM7A1	15
FAM7A3	89837	FAM7A3	15
FAM80A	284716	FAM80A	1
FAM80B	57494	FAM80B	12
FAM81A	145773	FAM81A	15
FAM82A2	55177	FAM82A2	15
FAM83D	81610	FAM83D	20

FAM83H	286077	FAM83H	8
FAM84B	157638	FAM84B	8
FAM86A	196483	FAM86A	16
FAM86B1	85002	FAM86B1	8
FAM86C	55199	FAM86C	11
FAM86D	692099	FAM86D	3
FAM87A	157693	FAM87A	
FAM89A	375061	FAM89A	1
FAM89B	23625	FAM89B	11
FAM8A1	51439	FAM8A1	6
FAM90A1	55138	FAM90A1	12
FAM90A10	441328	FAM90A10	8
FAM90A17	728746	FAM90A17	8
FAM90A20	728430	FAM90A20	8
FAM90A2P	389630	FAM90A2P	8
FAM90A6P	389618	FAM90A6P	8
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FAM96A	84191	FAM96A	15
FAM96B	51647	FAM96B	16
FAM98A	25940	FAM98A	2
FAM98B	283742	FAM98B	15
FAM98C	147965	FAM98C	19
FAM9B	171483	FAM9B	X
FANCA	2175	FANCA	16
FANCB	2187	FANCB	X
FANCD2	2177	FANCD2	3
FANCE	2178	FANCE	6
FANCF	2188	FANCF	11
FANCG	2189	FANCG	9
FANCI	55215	FANCI	15
FANCL	55120	FANCL	2
FAR1	84188	FAR1	11
FARP1	10160	FARP1	13
FARP2	9855	FARP2	2
FARS2	10667	FARS2	6
FARSA	2193	FARSA	19
FARSLB	10056	FARSLB	2
FAS	355	FAS	10
FASLG	356	FASLG	1
FASN	2194	FASN	17
FASTK	10922	FASTK	7
FASTKD1	79675	FASTKD1	2

FASTKD2	22868	FASTKD2	2
FASTKD3	79072	FASTKD3	5
FASTKD5	60493	FASTKD5	20
FAT1	2195	FAT1	4
FAU	2197	FAU	11
FBL	2091	FBL	19
FBLN1	2192	FBLN1	22
FBLN2	2199	FBLN2	3
FBLN5	10516	FBLN5	14
FBLN7	129804	FBLN7	2
FBP1	2203	FBP1	9
FBP2	8789	FBP2	9
FBRS	64319	FBRS	16
FBXL10	84678	FBXL10	12
FBXL11	22992	FBXL11	11
FBXL12	54850	FBXL12	19
FBXL13	222235	FBXL13	7
FBXL14	144699	FBXL14	12
FBXL15	79176	FBXL15	10
FBXL16	146330	FBXL16	16
FBXL18	80028	FBXL18	
FBXL19	54620	FBXL19	
FBXL2	25827	FBXL2	3
FBXL20	84961	FBXL20	17
FBXL21	26223	FBXL21	5
FBXL22	283807	FBXL22	15
FBXL3	26224	FBXL3	13
FBXL6	26233	FBXL6	8
FBXL8	55336	FBXL8	16
FBXO10	26267	FBXO10	9
FBXO11	80204	FBXO11	2
FBXO15	201456	FBXO15	18
FBXO16	157574	FBXO16	8
FBXO17	115290	FBXO17	19
FBXO2	26232	FBXO2	1
FBXO21	23014	FBXO21	12
FBXO22	26263	FBXO22	15
FBXO25	26260	FBXO25	8
FBXO28	23219	FBXO28	1
FBXO3	26273	FBXO3	11
FBXO30	84085	FBXO30	6
FBXO31	79791	FBXO31	16
FBXO32	114907	FBXO32	8
FBXO33	254170	FBXO33	14

FBXO34	55030	FBXO34	14
FBXO36	130888	FBXO36	2
FBXO38	81545	FBXO38	5
FBXO4	26272	FBXO4	5
FBXO41	150726	FBXO41	2
FBXO42	54455	FBXO42	1
FBXO44	93611	FBXO44	1
FBXO45	200933	FBXO45	3
FBXO46	23403	FBXO46	19
FBXO48	554251	FBXO48	2
FBXO5	26271	FBXO5	6
FBXO6	26270	FBXO6	1
FBXO7	25793	FBXO7	22
FBXO8	26269	FBXO8	4
FBXW11	23291	FBXW11	5
FBXW2	26190	FBXW2	9
FBXW4	6468	FBXW4	10
FBXW5	54461	FBXW5	9
FBXW7	55294	FBXW7	4
FBXW8	26259	FBXW8	12
FBXW9	84261	FBXW9	19
FCAR	2204	FCAR	19
FCER1G	2207	FCER1G	1
FCER2	2208	FCER2	19
FCF1	51077	FCF1	14
FCGBP	8857	FCGBP	19
FCGR2A	2212	FCGR2A	1
FCGR2B	2213	FCGR2B	
FCGR2C	9103	FCGR2C	1
FCGRT	2217	FCGRT	19
FCHO1	23149	FCHO1	19
FCHO2	115548	FCHO2	5
FCHSD2	9873	FCHSD2	11
FCN1	2219	FCN1	9
FCRL1	115350	FCRL1	1
FCRL2	79368	FCRL2	1
FCRL3	115352	FCRL3	1
FCRL4	83417	FCRL4	1
FCRL5	83416	FCRL5	1
FCRL6	343413	FCRL6	1
FCRLA	84824	FCRLA	1
FCRLB	127943	FCRLB	1
FDFT1	2222	FDFT1	8
FDPS	2224	FDPS	1

FDPSL2A	619190	FDPSL2A	7
FDX1	2230	FDX1	11
FDX1L	112812	FDX1L	19
FDXACB1	91893	FDXACB1	11
FECH	2235	FECH	18
FEM1A	55527	FEM1A	19
FEM1B	10116	FEM1B	15
FEM1C	56929	FEM1C	5
FEN1	2237	FEN1	11
FER	2241	FER	5
FER1L4	80307	FER1L4	
FERMT2	10979	FERMT2	14
FERMT3	83706	FERMT3	11
FES	2242	FES	15
FEZ1	9638	FEZ1	11
FEZ2	9637	FEZ2	2
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FGD6	55785	FGD6	12
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FGF18	8817	FGF18	5
FGF2	2247	FGF2	4
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FGF9	2254	FGF9	13
FGFBP3	143282	FGFBP3	10
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FGFR1OP2	26127	FGFR1OP2	12
FGFR3	2261	FGFR3	4
FGFR4	2264	FGFR4	5
FGFRL1	53834	FGFRL1	4
FGGY	55277	FGGY	1
FGR	2268	FGR	1
FH	2271	FH	1
FHDC1	85462	FHDC1	4
FHIT	2272	FHIT	3
FHL1	2273	FHL1	X
FHL2	2274	FHL2	2
FHL3	2275	FHL3	1
FHOD1	29109	FHOD1	16
FHOD3	80206	FHOD3	18
FIBCD1	84929	FIBCD1	9

FIBP	9158	FIBP	11
FICD	11153	FICD	12
FIG4	9896	FIG4	6
FIGNL1	63979	FIGNL1	7
FIGNL2	401720	FIGNL2	12
FILIP1	27145	FILIP1	6
FILIP1L	11259	FILIP1L	3
FIS	202299	FIS	5
FIS1	51024	FIS1	7
FIT1	161247	FIT1	14
FIZ1	84922	FIZ1	19
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FKBP11	51303	FKBP11	12
FKBP14	55033	FKBP14	7
FKBP15	23307	FKBP15	9
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FKBP1B	2281	FKBP1B	2
FKBP2	2286	FKBP2	11
FKBP4	2288	FKBP4	12
FKBP5	2289	FKBP5	6
FKBP7	51661	FKBP7	2
FKBP9L	360132	FKBP9L	7
FKBPL	63943	FKBPL	6
FKRP	79147	FKRP	19
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FKTN	2218	FKTN	9
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FLI1	2313	FLI1	11
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FLJ10374	55702	FLJ10374	19
FLJ10781	55228	FLJ10781	19
FLJ10803	55744	FLJ10803	7
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FLJ12949	65095	FLJ12949	19
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FLJ16323	441390	FLJ16323	9

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FLJ20273	54502	FLJ20273	4
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FLJ20489	55652	FLJ20489	12
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FLJ20699	55020	FLJ20699	22
FLJ20718	55027	FLJ20718	16
FLJ20850	55049	FLJ20850	19
FLJ20920	80221	FLJ20920	17
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FLJ21865	64772	FLJ21865	17
FLJ21986	79974	FLJ21986	7
FLJ22184	80164	FLJ22184	
FLJ22222	79701	FLJ22222	
FLJ22447	400221	FLJ22447	
FLJ22531	79703	FLJ22531	
FLJ22639	79854	FLJ22639	
FLJ22662	79887	FLJ22662	12
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FLJ23754	201252	FLJ23754	17
FLJ23834	222256	FLJ23834	7
FLJ25006	124923	FLJ25006	17
FLJ25363	401082	FLJ25363	
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FLJ25758	497049	FLJ25758	19
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FLJ32679	440321	FLJ32679	15
FLJ32810	143872	FLJ32810	
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FLJ34503	285759	FLJ34503	
FLJ34969	201627	FLJ34969	
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FLJ35220	284131	FLJ35220	17
FLJ35390	255031	FLJ35390	7
FLJ35767	400629	FLJ35767	17
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FLJ35816	401114	FLJ35816	4
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FLJ36131	338999	FLJ36131	
FLJ36166	349152	FLJ36166	7
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FLJ37201	283011	FLJ37201	10
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FLJ38576	651430	FLJ38576	
FLJ38717	401261	FLJ38717	6
FLJ38723	255180	FLJ38723	15
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FLJ38969	401303	FLJ38969	7
FLJ39632	642477	FLJ39632	14
FLJ39653	202020	FLJ39653	4
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FLJ40296	122183	FLJ40296	
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FLJ41047	399968	FLJ41047	
FLJ41352	150776	FLJ41352	2
FLJ41484	650669	FLJ41484	
FLJ41603	389337	FLJ41603	5
FLJ42177	401271	FLJ42177	6
FLJ42289	388182	FLJ42289	
FLJ42291	346547	FLJ42291	7
FLJ42393	401105	FLJ42393	3
FLJ42562	400954	FLJ42562	2
FLJ42627	645644	FLJ42627	16
FLJ42957	400077	FLJ42957	12
FLJ43080	642987	FLJ43080	
FLJ43093	401258	FLJ43093	6
FLJ43276	388165	FLJ43276	15
FLJ43663	378805	FLJ43663	7
FLJ43752	401253	FLJ43752	6
FLJ43870	400686	FLJ43870	19
FLJ43987	388960	FLJ43987	
FLJ44124	641737	FLJ44124	7
FLJ44216	375484	FLJ44216	
FLJ44290	375347	FLJ44290	3
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FLJ44342	645460	FLJ44342	17
FLJ45244	400242	FLJ45244	14
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FLJ46026	400627	FLJ46026	17
FLJ46156	341883	FLJ46156	14
FLJ46230	400679	FLJ46230	19
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FLJ46309	649598	FLJ46309	9
FLJ46361	375940	FLJ46361	10
FLJ46836	401554	FLJ46836	9
FLJ46906	441172	FLJ46906	6
FLJ77644	728772	FLJ77644	17
FLJ90757	440465	FLJ90757	17
FLNA	2316	FLNA	X
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FLNC	2318	FLNC	7
FLOT1	10211	FLOT1	6

FLOT2	2319	FLOT2	17
FLRT2	23768	FLRT2	14
FLT3LG	2323	FLT3LG	19
FLVCR2	55640	FLVCR2	14
FLYWCH2	114984	FLYWCH2	16
FMN1	342184	FMN1	15
FMNL1	752	FMNL1	17
FMNL2	114793	FMNL2	2
FMNL3	91010	FMNL3	12
FMO1	2326	FMO1	1
FMO4	2329	FMO4	1
FMO5	2330	FMO5	1
FMOD	2331	FMOD	1
FN3KRP	79672	FN3KRP	17
FNBP1	23048	FNBP1	9
FNBP1L	54874	FNBP1L	1
FNBP4	23360	FNBP4	11
FNDC1	84624	FNDC1	6
FNDC3B	64778	FNDC3B	3
FNDC5	252995	FNDC5	1
FNDC7	163479	FNDC7	1
FNIP1	96459	FNIP1	5
FNIP2	57600	FNIP2	4
FNTA	2339	FNTA	8
FNTB	2342	FNTB	14
FOLR2	2350	FOLR2	11
FOLR3	2352	FOLR3	11
FOS	2353	FOS	14
FOSB	2354	FOSB	19
FOXA3	3171	FOXA3	19
FOXC1	2296	FOXC1	6
FOXC2	2303	FOXC2	16
FOXD1	2297	FOXD1	5
FOXD2	2306	FOXD2	1
FOXD4L4	349334	FOXD4L4	9
FOXD4L5	653427	FOXD4L5	9
FOXF2	2295	FOXF2	6
FOXI2	399823	FOXI2	10
FOXJ1	2302	FOXJ1	17
FOXJ2	55810	FOXJ2	12
FOXJ3	22887	FOXJ3	1
FOXK1	221937	FOXK1	7
FOXL1	2300	FOXL1	16
FOXL2	668	FOXL2	3

FOXM1	2305	FOXM1	12
FOXN1	8456	FOXN1	17
FOXN2	3344	FOXN2	2
FOXO1	2308	FOXO1	13
FOXO3	2309	FOXO3	6
FOXO4	4303	FOXO4	X
FOXP1	27086	FOXP1	3
FOXP3	50943	FOXP3	X
FOXP4	116113	FOXP4	6
FOXR1	283150	FOXR1	11
FOXRED1	55572	FOXRED1	11
FOXRED2	80020	FOXRED2	22
FPR1	2357	FPR1	19
FRAG1	27315	FRAG1	11
FRAP1	2475	FRAP1	1
FRAT1	10023	FRAT1	10
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FRG1	2483	FRG1	4
FRG2C	100288801	FRG2C	Un|NT_167216.1
FRK	2444	FRK	6
FRMD3	257019	FRMD3	9
FRMD5	84978	FRMD5	15
FRMD6	122786	FRMD6	14
FRMD8	83786	FRMD8	11
FRRS1	391059	FRRS1	1
FRS3	10817	FRS3	6
FRYL	285527	FRYL	4
FRZB	2487	FRZB	2
FSBP	10646	FSBP	8
FSCB	84075	FSCB	14
FSCN1	6624	FSCN1	7
FSCN3	29999	FSCN3	7
FSD1	79187	FSD1	19
FSD2	123722	FSD2	15
FSIP1	161835	FSIP1	15
FST	10468	FST	5
FSTL3	10272	FSTL3	19
FSTL5	56884	FSTL5	4
FTH1	2495	FTH1	11
FTHL11	2503	FTHL11	8
FTHL12	2504	FTHL12	9
FTHL16	2508	FTHL16	
FTHL2	2497	FTHL2	1
FTHL3	2498	FTHL3	2

FTHL7	2500	FTHL7	13
FTHL8	2501	FTHL8	X
FTL	2512	FTL	19
FTO	79068	FTO	16
FTSJ1	24140	FTSJ1	X
FTSJ2	29960	FTSJ2	7
FTSJ3	117246	FTSJ3	17
FTSJD1	55783	FTSJD1	16
FTSJD2	23070	FTSJD2	6
FUBP1	8880	FUBP1	1
FUBP3	8939	FUBP3	9
FUCA1	2517	FUCA1	1
FUK	197258	FUK	16
FUNDC1	139341	FUNDC1	X
FURIN	5045	FURIN	15
FUS	2521	FUS	16
FUT11	170384	FUT11	10
FUT4	2526	FUT4	11
FUT6	2528	FUT6	19
FUZ	80199	FUZ	19
FVT1	2531	FVT1	18
FXC1	26515	FXC1	11
FXN	2395	FXN	9
FXR1	8087	FXR1	3
FXR2	9513	FXR2	17
FXYD1	5348	FXYD1	19
FXYD4	53828	FXYD4	10
FXYD5	53827	FXYD5	19
FXYD6	53826	FXYD6	11
FXYD7	53822	FXYD7	19
FYCO1	79443	FYCO1	3
FYN	2534	FYN	6
FYTTD1	84248	FYTTD1	3
FZD1	8321	FZD1	7
FZD2	2535	FZD2	17
FZD3	7976	FZD3	8
FZD4	8322	FZD4	11
FZD5	7855	FZD5	2
FZD9	8326	FZD9	7
FZR1	51343	FZR1	19
G3BP1	10146	G3BP1	5
G3BP2	9908	G3BP2	4
G6PC3	92579	G6PC3	17
G6PD	2539	G6PD	X

GAA	2548	GAA	17
GAB1	2549	GAB1	4
GAB2	9846	GAB2	11
GAB3	139716	GAB3	X
GABARAP	11337	GABARAP	17
GABARAPL1	23710	GABARAPL1	12
GABARAPL2	11345	GABARAPL2	16
GABBR1	2550	GABBR1	6
GABBR2	9568	GABBR2	9
GABPB1	2553	GABPB1	15
GABPB2	2553	GABPB2	15
GABRA5	2558	GABRA5	15
GABRB1	2560	GABRB1	4
GABRP	2568	GABRP	5
GAD1	2571	GAD1	2
GADD45A	1647	GADD45A	1
GADD45B	4616	GADD45B	19
GADD45G	10912	GADD45G	9
GADD45GIP1	90480	GADD45GIP1	19
GAGE12H	729442	GAGE12H	X
GAK	2580	GAK	4
GAL3ST4	79690	GAL3ST4	7
GALC	2581	GALC	14
GALE	2582	GALE	1
GALK1	2584	GALK1	17
GALK2	2585	GALK2	15
GALM	130589	GALM	2
GALNS	2588	GALNS	16
GALNT1	2589	GALNT1	18
GALNT10	55568	GALNT10	5
GALNT11	63917	GALNT11	7
GALNT12	79695	GALNT12	9
GALNT14	79623	GALNT14	2
GALNT4	8693	GALNT4	12
GALNT6	11226	GALNT6	12
GALNTL1	57452	GALNTL1	14
GALNTL4	374378	GALNTL4	11
GALR2	8811	GALR2	17
GALT	2592	GALT	9
GAMT	2593	GAMT	19
GAN	8139	GAN	16
GANAB	23193	GANAB	11
GANC	2595	GANC	15
GAP43	2596	GAP43	3

GAPDH	2597	GAPDH	12
GAPT	202309	GAPT	5
GAPVD1	26130	GAPVD1	9
GAR1	54433	GAR1	4
GARNL4	23108	GARNL4	17
GARS	2617	GARS	7
GART	2618	GART	21
GAS2	2620	GAS2	11
GAS5	60674	GAS5	1
GAS8	2622	GAS8	16
GATA3	2625	GATA3	10
GATAD1	57798	GATAD1	7
GATAD2A	54815	GATAD2A	19
GATAD2B	57459	GATAD2B	1
GATC	283459	GATC	12
GATM	2628	GATM	15
GATS	352954	GATS	7
GBA	2629	GBA	1
GBA2	57704	GBA2	9
GBAS	2631	GBAS	7
GBE1	2632	GBE1	3
GBF1	8729	GBF1	10
GBGT1	26301	GBGT1	9
GBP1	2633	GBP1	1
GBP2	2634	GBP2	1
GBP3	2635	GBP3	1
GBP4	115361	GBP4	1
GBP5	115362	GBP5	1
GBP7	388646	GBP7	1
GC	2638	GC	4
GCA	25801	GCA	2
GCAT	23464	GCAT	22
GCC1	79571	GCC1	7
GCC2	9648	GCC2	2
GCDH	2639	GCDH	19
GCET2	257144	GCET2	3
GCG	2641	GCG	2
GCH1	2643	GCH1	14
GCHFR	2644	GCHFR	15
GCLC	2729	GCLC	6
GCM1	8521	GCM1	6
GCM2	9247	GCM2	6
GCN1L1	10985	GCN1L1	12
GCNT1	2650	GCNT1	9

GCNT2	2651	GCNT2	6
GCNT6	644378	GCNT6	6
GCOM1	145781	Gcom1	15
GCSH	2653	GCSH	16
GDA	9615	GDA	9
GDAP1	54332	GDAP1	8
GDAP2	54834	GDAP2	1
GDE1	51573	GDE1	16
GDF11	10220	GDF11	12
GDF5OS	554250	GDF5OS	
GDI1	2664	GDI1	X
GDI2	2665	GDI2	10
GDPD1	284161	GDPD1	17
GDPD2	54857	GDPD2	X
GDPD5	81544	GDPD5	11
GEM	2669	GEM	8
GEMIN4	50628	GEMIN4	17
GEMIN5	25929	GEMIN5	5
GEMIN6	79833	GEMIN6	2
GEMIN8	54960	GEMIN8	X
GEN1	348654	GEN1	2
GFI1	2672	GFI1	1
GFM1	85476	GFM1	3
GFM2	84340	GFM2	5
GFOD1	54438	GFOD1	6
GFPT1	2673	GFPT1	2
GFRA2	2675	GFRA2	8
GFRA3	2676	GFRA3	5
GGA1	26088	GGA1	22
GGA2	23062	GGA2	16
GGA3	23163	GGA3	17
GGCT	79017	GGCT	7
GGCX	2677	GGCX	2
GGH	8836	GGH	8
GGNBP2	79893	GGNBP2	17
GGT7	2686	GGT7	20
GGT8P	645367	GGT8P	2
GGTA1	2681	GGTA1	9
GGTL3	2686	GGTL3	20
GHDC	84514	GHDC	17
GHITM	27069	GHITM	10
GIGYF1	64599	GIGYF1	7
GIMAP2	26157	GIMAP2	7
GIMAP4	55303	GIMAP4	7

GIMAP8	155038	GIMAP8	7
GIN1	54826	GIN1	5
GINS2	51659	GINS2	16
GINS3	64785	GINS3	16
GINS4	84296	GINS4	8
GIPC1	10755	GIPC1	19
GIT2	9815	GIT2	12
GIYD1	548593	GIYD1	16
GIYD2	79008	GIYD2	16
GJB2	2706	GJB2	13
GJB6	10804	GJB6	13
GJC1	10052	GJC1	17
GJC2	57165	GJC2	1
GJC3	349149	GJC3	7
GK	2710	GK	X
GK5	256356	GK5	3
GKAP1	80318	GKAP1	9
GLA	2717	GLA	X
GLB1	2720	GLB1	3
GLB1L	79411	GLB1L	2
GLB1L3	112937	GLB1L3	11
GLCCI1	113263	GLCCI1	7
GLCE	26035	GLCE	15
GLDC	2731	GLDC	9
GLE1	2733	GLE1	9
GLG1	2734	GLG1	16
GLI1	2735	GLI1	12
GLI4	2738	GLI4	8
GLIPR1	11010	GLIPR1	12
GLIPR2	152007	GLIPR2	9
GLIS3	169792	GLIS3	9
GLMN	11146	GLMN	1
GLO1	2739	GLO1	6
GLOD4	51031	GLOD4	17
GLRA2	2742	GLRA2	X
GLRA3	8001	GLRA3	4
GLRX	2745	GLRX	5
GLRX2	51022	GLRX2	1
GLRX3	10539	GLRX3	10
GLRX5	51218	GLRX5	14
GLS	2744	GLS	2
GLS2	27165	GLS2	12
GLT1D1	144423	GLT1D1	12
GLT25D1	79709	GLT25D1	19

GLT6D1	360203	GLT6D1	9
GLT8D1	55830	GLT8D1	3
GLT8D2	83468	GLT8D2	12
GLTP	51228	GLTP	12
GLTPD1	80772	GLTPD1	1
GLTSCR1	29998	GLTSCR1	19
GLUD1	2746	GLUD1	10
GLYATL2	219970	GLYATL2	11
GLYCTK	132158	GLYCTK	3
GM2A	2760	GM2A	5
GMCL1	64395	GMCL1	2
GMDS	2762	GMDS	6
GMEB1	10691	GMEB1	1
GMEB2	26205	GMEB2	20
GMFB	2764	GMFB	14
GMFG	9535	GMFG	19
GMIP	51291	GMIP	19
GMPPA	29926	GMPPA	2
GMPPB	29925	GMPPB	3
GMPR	2766	GMPR	6
GMPR2	51292	GMPR2	14
GMPS	8833	GMPS	3
GNA11	2767	GNA11	19
GNA12	2768	GNA12	7
GNA13	10672	GNA13	17
GNA14	9630	GNA14	9
GNA15	2769	GNA15	19
GNAI2	2771	GNAI2	3
GNAI3	2773	GNAI3	1
GNAT2	2780	GNAT2	1
GNAZ	2781	GNAZ	22
GNB1	2782	GNB1	1
GNB1L	54584	GNB1L	22
GNB2	2783	GNB2	7
GNB3	2784	GNB3	12
GNB4	59345	GNB4	3
GNB5	10681	GNB5	15
GNE	10020	GNE	9
GNG10	2790	GNG10	9
GNG11	2791	GNG11	7
GNG2	54331	GNG2	14
GNG4	2786	GNG4	1
GNG5	2787	GNG5	1
GNG7	2788	GNG7	19

GNG8	94235	GNG8	19
GNGT2	2793	GNGT2	17
GNL1	2794	GNL1	6
GNL2	29889	GNL2	1
GNL3	26354	GNL3	3
GNL3L	54552	GNL3L	X
GNPAT	8443	GNPAT	1
GNPDA1	10007	GNPDA1	5
GNPDA2	132789	GNPDA2	4
GNPNAT1	64841	GNPNAT1	14
GNPTAB	79158	GNPTAB	12
GNPTG	84572	GNPTG	16
GNS	2799	GNS	12
GOLGA2	2801	GOLGA2	9
GOLGA2LY2	401634	GOLGA2LY2	Y
GOLGA3	2802	GOLGA3	12
GOLGA4	2803	GOLGA4	3
GOLGA5	9950	GOLGA5	14
GOLGA6A	342096	GOLGA6A	15
GOLGA6B	55889	GOLGA6B	15
GOLGA7	51125	GOLGA7	8
GOLGA8F	440244	GOLGA8F	15
GOLGB1	2804	GOLGB1	3
GOLIM4	27333	GOLIM4	3
GOLM1	51280	GOLM1	9
GOLPH3L	55204	GOLPH3L	1
GOLPH4	27333	GOLPH4	3
GOLSYN	55638	GOLSYN	8
GOLT1A	127845	GOLT1A	1
GOLT1B	51026	GOLT1B	12
GON4L	54856	GON4L	1
GOPC	57120	GOPC	6
GORASP1	64689	GORASP1	3
GORASP2	26003	GORASP2	2
GOSR1	9527	GOSR1	17
GOSR2	9570	GOSR2	17
GOT1	2805	GOT1	10
GOT1L1	137362	GOT1L1	8
GOT2	2806	GOT2	16
GP5	2814	GP5	3
GP9	2815	GP9	3
GPAA1	8733	GPAA1	8
GPAM	57678	GPAM	10
GPAT2	150763	GPAT2	2

GPATC4	54865	GPATC4	1
GPATCH1	55094	GPATCH1	19
GPATCH2	55105	GPATCH2	1
GPATCH3	63906	GPATCH3	1
GPATCH4	54865	GPATCH4	1
GPBAR1	151306	GPBAR1	2
GPBP1	65056	GPBP1	5
GPBP1L1	60313	GPBP1L1	1
GPC2	221914	GPC2	7
GPC4	2239	GPC4	X
GPC5	2262	GPC5	13
GPC6	10082	GPC6	13
GPD1	2819	GPD1	12
GPD1L	23171	GPD1L	3
GPER	2852	GPER	7
GPHB5	122876	GPHB5	14
GPI	2821	GPI	19
GPKOW	27238	GPKOW	X
GPLD1	2822	GPLD1	6
GPM6A	2823	GPM6A	4
GPM6B	2824	GPM6B	X
GPN1	11321	GPN1	2
GPN2	54707	GPN2	1
GPN3	51184	GPN3	12
GPNMB	10457	GPNMB	7
GPR1	2825	GPR1	2
GPR101	83550	GPR101	X
GPR103	84109	GPR103	4
GPR107	57720	GPR107	9
GPR108	56927	GPR108	19
GPR114	221188	GPR114	16
GPR124	25960	GPR124	8
GPR126	57211	GPR126	6
GPR128	84873	GPR128	3
GPR132	29933	GPR132	14
GPR135	64582	GPR135	14
GPR137	56834	GPR137	11
GPR137B	7107	GPR137B	1
GPR137C	283554	GPR137C	14
GPR139	124274	GPR139	16
GPR143	4935	GPR143	X
GPR144	347088	GPR144	9
GPR146	115330	GPR146	7
GPR148	344561	GPR148	2

GPR15	2838	GPR15	3
GPR156	165829	GPR156	3
GPR160	26996	GPR160	3
GPR161	23432	GPR161	1
GPR162	27239	GPR162	12
GPR17	2840	GPR17	2
GPR172A	79581	GPR172A	8
GPR175	131601	GPR175	3
GPR18	2841	GPR18	13
GPR180	160897	GPR180	13
GPR182	11318	GPR182	12
GPR183	1880	GPR183	13
GPR19	2842	GPR19	12
GPR20	2843	GPR20	8
GPR27	2850	GPR27	3
GPR3	2827	GPR3	1
GPR45	11250	GPR45	2
GPR52	9293	GPR52	1
GPR55	9290	GPR55	2
GPR56	9289	GPR56	16
GPR6	2830	GPR6	6
GPR61	83873	GPR61	1
GPR63	81491	GPR63	6
GPR65	8477	GPR65	14
GPR75	10936	GPR75	2
GPR89A	51463	GPR89A	1
GPR89B	51463	GPR89B	1
GPR89C	728932	GPR89C	1
GPRC5C	55890	GPRC5C	17
GPRIN1	114787	GPRIN1	5
GPS2	2874	GPS2	17
GPSM1	26086	GPSM1	
GPSM2	29899	GPSM2	1
GPSM3	63940	GPSM3	6
GPT2	84706	GPT2	16
GPX1	2876	GPX1	3
GPX3	2878	GPX3	5
GPX4	2879	GPX4	19
GPX7	2882	GPX7	1
GRAMD1A	57655	GRAMD1A	19
GRAMD1B	57476	GRAMD1B	11
GRAMD1C	54762	GRAMD1C	3
GRAMD3	65983	GRAMD3	5
GRAMD4	23151	GRAMD4	22

GRAP	10750	GRAP	
GRASP	160622	GRASP	12
GRB14	2888	GRB14	2
GRB2	2885	GRB2	17
GREB1	9687	GREB1	2
GRHL1	29841	GRHL1	2
GRHPR	9380	GRHPR	9
GRIA3	2892	GRIA3	X
GRID2	2895	GRID2	4
GRIK2	2898	GRIK2	6
GRIK3	2899	GRIK3	1
GRIN1	2902	GRIN1	9
GRIN3B	116444	GRIN3B	19
GRINA	2907	GRINA	8
GRINL1A	81488	GRINL1A	15
GRIPAP1	56850	GRIPAP1	X
GRK1	6011	GRK1	13
GRK4	2868	GRK4	4
GRK5	2869	GRK5	10
GRK6	2870	GRK6	5
GRM2	2912	GRM2	3
GRM8	2918	GRM8	7
GRN	2896	GRN	17
GRP	2922	GRP	18
GRPEL1	80273	GRPEL1	4
GRPEL2	134266	GRPEL2	5
GRRP1	79927	GRRP1	1
GRSF1	2926	GRSF1	4
GRTP1	79774	GRTP1	13
GRWD1	83743	GRWD1	19
GSDMA	284110	GSDMA	17
GSDMB	55876	GSDMB	17
GSDMC	56169	GSDMC	8
GSDMD	79792	GSDMD	8
GSG2	83903	GSG2	17
GSK3B	2932	GSK3B	3
GSPT1	2935	GSPT1	16
GSPT2	23708	GSPT2	X
GSR	2936	GSR	8
GSS	2937	GSS	20
GSTA2	2939	GSTA2	6
GSTA3	2940	GSTA3	6
GSTA4	2941	GSTA4	6
GSTK1	373156	GSTK1	7

GSTM1	2944	GSTM1	1
GSTM2	2946	GSTM2	1
GSTM3	2947	GSTM3	1
GSTM4	2948	GSTM4	1
GSTO1	9446	GSTO1	10
GSTO2	119391	GSTO2	10
GSTP1	2950	GSTP1	11
GSTT1	2952	GSTT1	22
GSTT2	653689	GSTT2	
GSTT2B	653689	GSTT2B	22
GSTZ1	2954	GSTZ1	14
GTDC1	79712	GTDC1	2
GTF2B	2959	GTF2B	1
GTF2E1	2960	GTF2E1	3
GTF2E2	2961	GTF2E2	8
GTF2F1	2962	GTF2F1	19
GTF2F2	2963	GTF2F2	13
GTF2H1	2965	GTF2H1	11
GTF2H2	2966	GTF2H2	5
GTF2H2D	730394	GTF2H2D	5
GTF2H3	2967	GTF2H3	12
GTF2H4	2968	GTF2H4	6
GTF2H5	404672	GTF2H5	6
GTF2I	2969	GTF2I	
GTF2IP1	2970	GTF2IP1	7
GTF2IRD1	9569	GTF2IRD1	7
GTF2IRD2	84163	GTF2IRD2	
GTF2IRD2B	389524	GTF2IRD2B	7
GTF2IRD2P	401375	GTF2IRD2P	7
GTF3A	2971	GTF3A	13
GTF3C1	2975	GTF3C1	16
GTF3C2	2976	GTF3C2	2
GTF3C3	9330	GTF3C3	2
GTF3C5	9328	GTF3C5	9
GTPBP1	9567	GTPBP1	22
GTPBP10	85865	GTPBP10	7
GTPBP2	54676	GTPBP2	6
GTPBP3	84705	GTPBP3	19
GTPBP4	23560	GTPBP4	10
GTPBP6	8225	GTPBP6	Y
GTPBP8	29083	GTPBP8	3
GTSCR1	220158	GTSCR1	18
GTSE1	51512	GTSE1	22
GTSF1	121355	GTSF1	12

GUCA1A	2978	GUCA1A	6
GUCA2B	2981	GUCA2B	1
GUCY1A2	2977	GUCY1A2	11
GUCY1A3	2982	GUCY1A3	4
GUCY1B2	2974	GUCY1B2	13
GUCY2C	2984	GUCY2C	12
GUF1	60558	GUF1	4
GUK1	2987	GUK1	1
GUSB	2990	GUSB	7
GUSBL1	387036	GUSBL1	6
GUSBL2	375513	GUSBL2	6
GXYLT1	283464	GXYLT1	12
GXYLT2	727936	GXYLT2	3
GYG1	2992	GYG1	3
GYLTL1B	120071	GYLTL1B	11
GYPC	2995	GYPC	2
GYS1	2997	GYS1	19
GZF1	64412	GZF1	20
GZMK	3003	GZMK	5
GZMM	3004	GZMM	19
H1F0	3005	H1F0	22
H1FNT	341567	H1FNT	12
H1FX	8971	H1FX	3
H2AFB1	474382	H2AFB1	X
H2AFJ	55766	H2AFJ	12
H2AFX	3014	H2AFX	11
H2AFY	9555	H2AFY	5
H2AFY2	55506	H2AFY2	10
H2AFZ	3015	H2AFZ	4
H2BFM	286436	H2BFM	X
H3F3A	3020	H3F3A	1
H3F3B	3021	H3F3B	17
HABP4	22927	HABP4	9
HACE1	57531	HACE1	6
HACL1	26061	HACL1	3
HADH	3033	HADH	4
HADH2	3028	HADH2	X
HADHA	3030	HADHA	2
HADHB	3032	HADHB	2
HAGH	3029	HAGH	16
HAGHL	84264	HAGHL	16
HAL	3034	HAL	12
HAMP	57817	HAMP	19
HAPLN2	60484	HAPLN2	1

HAPLN3	145864	HAPLN3	15
HAPLN4	404037	HAPLN4	19
HARBI1	283254	HARBI1	11
HARS2	23438	HARS2	5
HAS2AS	594842	HAS2AS	8
HAT1	8520	HAT1	2
HAUS4	54930	HAUS4	14
HAUS5	23354	HAUS5	19
HAUS6	54801	HAUS6	9
HAUS8	93323	HAUS8	19
HAVCR2	84868	HAVCR2	5
HAX1	10456	HAX1	1
HBA1	3039	HBA1	16
HBA2	3040	HBA2	16
HBB	3043	HBB	11
HBD	3045	HBD	11
HBEGF	1839	HBEGF	5
HBM	3042	HBM	16
HBP1	26959	HBP1	7
HBQ1	3049	HBQ1	16
HBS1L	10767	HBS1L	6
HBXIP	10542	HBXIP	1
HCCA2	81532	HCCA2	11
HCCS	3052	HCCS	X
HCFC1	3054	HCFC1	X
HCFC1R1	54985	HCFC1R1	16
HCFC2	29915	HCFC2	12
HCG18	414777	HCG18	
HCG22	285834	HCG22	
HCG26	352961	HCG26	6
HCG27	253018	HCG27	6
HCG2P7	80867	HCG2P7	6
HCG4	54435	HCG4	6
HCK	3055	HCK	20
HCLS1	3059	HCLS1	3
HCN3	57657	HCN3	1
HCP5	10866	HCP5	6
HCRP1	387535	HCRP1	
HCST	10870	HCST	19
HDAC1	3065	HDAC1	1
HDAC10	83933	HDAC10	22
HDAC11	79885	HDAC11	3
HDAC2	3066	HDAC2	6
HDAC3	8841	HDAC3	5

HDAC4	9759	HDAC4	2
HDAC6	10013	HDAC6	X
HDAC7	51564	HDAC7	12
HDAC7A	51564	HDAC7A	12
HDAC8	55869	HDAC8	X
HDAC9	9734	HDAC9	7
HDDC2	51020	HDDC2	6
HDDC3	374659	HDDC3	15
HDGF	3068	HDGF	1
HDGF2	84717	HDGF2	19
HDGFL1	154150	HDGFL1	6
HDGFRP3	50810	HDGFRP3	15
HDHD1A	8226	HDHD1A	X
HDHD2	84064	HDHD2	18
HDHD3	81932	HDHD3	9
HDLBP	3069	HDLBP	2
HEATR1	55127	HEATR1	1
HEATR2	54919	HEATR2	7
HEATR3	55027	HEATR3	16
HEATR5A	25938	HEATR5A	14
HEATR5B	54497	HEATR5B	2
HEATR6	63897	HEATR6	17
HEATR7A	727957	HEATR7A	8
HEBP1	50865	HEBP1	12
HEBP2	23593	HEBP2	6
HECA	51696	HECA	6
HECTD1	25831	HECTD1	14
HECTD2	143279	HECTD2	10
HECTD3	79654	HECTD3	1
HECW2	57520	HECW2	2
HEG1	57493	HEG1	3
HELB	92797	HELB	12
HELLS	3070	HELLS	10
HELQ	113510	HELQ	4
HELZ	9931	HELZ	17
HEMK1	51409	HEMK1	3
HEPACAM2	253012	HEPACAM2	7
HERC1	8925	HERC1	15
HERC2	8924	HERC2	15
HERC2P2	400322	HERC2P2	15
HERC3	8916	HERC3	4
HERC4	26091	HERC4	10
HERC5	51191	HERC5	4
HERC6	55008	HERC6	4

HERPUD1	9709	HERPUD1	16
HERPUD2	64224	HERPUD2	7
HES1	3280	HES1	3
HES2	54626	HES2	1
HES4	57801	HES4	1
HES5	388585	HES5	1
HES6	55502	HES6	2
HESX1	8820	HESX1	3
HEXA	3073	HEXA	15
HEXB	3074	HEXB	5
HEXDC	284004	HEXDC	17
HEXIM2	124790	HEXIM2	17
HEY1	23462	HEY1	8
HEY2	23493	HEY2	6
HEYL	26508	HEYL	1
HFE	3077	HFE	6
HFM1	164045	HFM1	1
HGD	3081	HGD	3
HGF	3082	HGF	7
HGS	9146	HGS	17
HHAT	55733	HHAT	1
HHEX	3087	HHEX	10
HHLA3	11147	HHLA3	1
HIAT1	64645	HIAT1	1
HIATL1	84641	HIATL1	9
HIATL2	84278	HIATL2	9
HIBADH	11112	HIBADH	7
HIBCH	26275	HIBCH	2
HIC2	23119	HIC2	22
HIF1A	3091	HIF1A	14
HIF1AN	55662	HIF1AN	10
HIGD1A	25994	HIGD1A	3
HIGD2A	192286	HIGD2A	5
HIGD2B	123346	HIGD2B	15
HINFP	25988	HINFP	11
HINT1	3094	HINT1	5
HINT2	84681	HINT2	9
HINT3	135114	HINT3	6
HIP1	3092	HIP1	7
HIP1R	9026	HIP1R	
HIP2	3093	HIP2	4
HIPK2	28996	HIPK2	7
HIRA	7290	HIRA	22
HIRIP3	8479	HIRIP3	16

HISPPD2A	9677	HISPPD2A	15
HIST1H1A	3024	HIST1H1A	6
HIST1H1C	3006	HIST1H1C	6
HIST1H1D	3007	HIST1H1D	6
HIST1H1E	3008	HIST1H1E	6
HIST1H2AB	8335	HIST1H2AB	6
HIST1H2AC	8334	HIST1H2AC	6
HIST1H2AE	3012	HIST1H2AE	6
HIST1H2AG	8969	HIST1H2AG	6
HIST1H2AH	85235	HIST1H2AH	6
HIST1H2AM	8336	HIST1H2AM	6
HIST1H2BC	8347	HIST1H2BC	6
HIST1H2BD	3017	HIST1H2BD	6
HIST1H2BE	8344	HIST1H2BE	6
HIST1H2BF	8343	HIST1H2BF	6
HIST1H2BG	8339	HIST1H2BG	6
HIST1H2BH	8345	HIST1H2BH	6
HIST1H2BJ	8970	HIST1H2BJ	6
HIST1H2BK	85236	HIST1H2BK	6
HIST1H2BM	8342	HIST1H2BM	6
HIST1H2BN	8341	HIST1H2BN	6
HIST1H3A	8350	HIST1H3A	6
HIST1H3B	8358	HIST1H3B	6
HIST1H3D	8351	HIST1H3D	6
HIST1H3F	8968	HIST1H3F	6
HIST1H3G	8355	HIST1H3G	6
HIST1H3H	8357	HIST1H3H	6
HIST1H3J	8356	HIST1H3J	6
HIST1H4A	8359	HIST1H4A	6
HIST1H4B	8366	HIST1H4B	6
HIST1H4C	8364	HIST1H4C	6
HIST1H4E	8367	HIST1H4E	6
HIST1H4H	8365	HIST1H4H	6
HIST1H4I	8294	HIST1H4I	6
HIST1H4J	8363	HIST1H4J	6
HIST1H4K	8362	HIST1H4K	6
HIST2H2AA3	8337	HIST2H2AA3	1
HIST2H2AA4	723790	HIST2H2AA4	1
HIST2H2AB	317772	HIST2H2AB	1
HIST2H2AC	8338	HIST2H2AC	1
HIST2H2BE	8349	HIST2H2BE	1
HIST2H2BF	440689	HIST2H2BF	1
HIST2H3A	333932	HIST2H3A	1
HIST2H3C	126961	HIST2H3C	1

HIST2H3D	653604	HIST2H3D	1
HIST2H4A	8370	HIST2H4A	1
HIST2H4B	554313	HIST2H4B	1
HIST3H2A	92815	HIST3H2A	1
HIST3H2BB	128312	HIST3H2BB	1
HIST4H4	121504	HIST4H4	12
HIVEP1	3096	HIVEP1	6
HIVEP2	3097	HIVEP2	6
HIVEP3	59269	HIVEP3	1
HJURP	55355	HJURP	2
HK1	3098	HK1	10
HK2	3099	HK2	2
HKDC1	80201	HKDC1	10
HLA-A	3105	HLA-A	6
HLA-A29.1	649853	HLA-A29.1	
HLA-B	3106	HLA-B	6
HLA-C	3107	HLA-C	6
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HLA-DOA	3111	HLA-DOA	6
HLA-DOB	3112	HLA-DOB	6
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HLA-DPB1	3115	HLA-DPB1	6
HLA-DPB2	3116	HLA-DPB2	6
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HLA-DQB2	3120	HLA-DQB2	6
HLA-DRA	3122	HLA-DRA	6
HLA-DRB1	3123	HLA-DRB1	6
HLA-DRB3	3125	HLA-DRB3	6
HLA-DRB4	3126	HLA-DRB4	6
HLA-DRB6	3128	HLA-DRB6	6
HLA-E	3133	HLA-E	6
HLA-F	3134	HLA-F	6
HLA-G	3135	HLA-G	6
HLA-H	3136	HLA-H	6
HLCS	3141	HLCS	21
HLTF	6596	HLTF	3
HLX	3142	HLX	1
HLXB9	3110	HLXB9	7
HMBOX1	79618	HMBOX1	8
HMBS	3145	HMBS	11
HMG20A	10363	HMG20A	15
HMG20B	10362	HMG20B	19

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HMGB1	3146	HMGB1	13
HMGB1L1	10357	HMGB1L1	20
HMGB2	3148	HMGB2	4
HMGB3	3149	HMGB3	X
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HMGN4	10473	HMGN4	6
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HMX2	3167	HMX2	10
HN1	51155	HN1	17
HN1L	90861	HN1L	16
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HNRNPF	3185	HNRNPF	10
HNRNPH1	3187	HNRNPH1	5
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HNRNPH3	3189	HNRNPH3	10
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HNRPC	3183	HNRPC	14
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HNRPUL2	221092	HNRPUL2	
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HOMER3	9454	HOMER3	19
HOMEZ	57594	HOMEZ	14
HOOK2	29911	HOOK2	19
HOOK3	84376	HOOK3	8
HOPX	84525	HOPX	4
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HOXA6	3203	HOXA6	7
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HOXB7	3217	HOXB7	17
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HOXC4	3221	HOXC4	12
HOXC6	3223	HOXC6	12
HOXC8	3224	HOXC8	12
HOXD12	3238	HOXD12	2
HOXD3	3232	HOXD3	2
HOXD4	3233	HOXD4	2
HP1BP3	50809	HP1BP3	1
HPCA	3208	HPCA	1
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HPCAL4	51440	HPCAL4	1
HPDL	84842	HPDL	1
HPGD	3248	HPGD	4
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HPS3	84343	HPS3	3
HPS4	89781	HPS4	22
HPS5	11234	HPS5	11
HPSE	10855	HPSE	4
HRAS	3265	HRAS	11
HRASLS2	54979	HRASLS2	11

HRASLS3	11145	HRASLS3	11
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HRC	3270	HRC	19
HRH1	3269	HRH1	3
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HS.580342	NA	2
HS.580375	NA	2
HS.580442	NA	2
HS.580452	NA	2
HS.580542	NA	2
HS.580607	NA	2
HS.580655	NA	
HS.580740	NA	20
HS.580797	NA	20
HS.580802	NA	20
HS.580929	NA	21
HS.581028	NA	22
HS.581067	NA	22
HS.581300	NA	3
HS.581365	NA	3
HS.581580	NA	3
HS.581615	NA	3
HS.581645	NA	3
HS.581657	NA	3
HS.581690	NA	4
HS.581828	NA	4
HS.581914	NA	4
HS.581935	NA	4
HS.581975	NA	4
HS.582025	NA	4
HS.582112	NA	5
HS.582113	NA	5
HS.582114	NA	
HS.582175	NA	5
HS.582211	NA	5
HS.582239	NA	5
HS.582446	NA	5
HS.582457	NA	5
HS.582526	NA	5
HS.582536	NA	5

HS.582537	NA	5
HS.582594	NA	6
HS.582640	NA	
HS.582706	NA	
HS.582764	NA	6
HS.582765	NA	6
HS.582886	NA	6
HS.582893	NA	6
HS.582980	NA	6
HS.582985	NA	6
HS.583158	NA	7
HS.583506	NA	7
HS.583554	NA	7
HS.583661	NA	8
HS.583705	NA	
HS.583755	NA	8
HS.583868	NA	8
HS.584115	NA	9
HS.584126	NA	9
HS.584144	NA	9
HS.584216	NA	9
HS.584299	NA	9
HS.584613	NA	X
HS.584731	NA	Y
HS.58896	NA	18
HS.60257	NA	16
HS.60260	NA	12
HS.61151	NA	10
HS.61208	NA	12
HS.61481	NA	8
HS.62314	NA	10
HS.62645	NA	11
HS.63311	NA	14
HS.66049	NA	2
HS.66187	NA	2
HS.6729	NA	2
HS.7023	NA	8
HS.71657	NA	1
HS.71947	NA	6
HS.72010	NA	22
HS.72367	NA	7
HS.7572	NA	1
HS.79881	NA	3
HS.85888	NA	18

HS.86045	NA		X
HS.87194	NA		15
HS.88156	NA		12
HS.91147	NA		3
HS.9123	NA		2
HS.91389	NA		X
HS.92308	NA		12
HS.95481	NA		1
HS.96672	NA		3
HS.97337	NA		3
HS.97558	NA		9
HS.98197	NA		X
HS.98330	NA		
HS.98458	NA		4
HS.98462	NA		3
HS.98563	NA		2
HS.98588	NA		12
HS.98737	NA		1
HS.98754	NA		5
HS.98777	NA		2
HS.98815	NA		17
HS.99203	NA		6
HS.99253	NA		9
HS1BP3	64342	HS1BP3	2
HS2ST1	9653	HS2ST1	1
HSBP1	3281	HSBP1	16
HSD11B1L	374875	HSD11B1L	19
HSD11B2	3291	HSD11B2	16
HSD17B10	3028	HSD17B10	X
HSD17B11	51170	HSD17B11	4
HSD17B12	51144	HSD17B12	11
HSD17B14	51171	HSD17B14	19
HSD17B3	3293	HSD17B3	9
HSD17B4	3295	HSD17B4	5
HSD17B6	8630	HSD17B6	12
HSD17B7	51478	HSD17B7	1
HSD17B7P2	158160	HSD17B7P2	10
HSD17B8	7923	HSD17B8	6
HSD3B1	3283	HSD3B1	1
HSDL1	83693	HSDL1	16
HSDL2	84263	HSDL2	9
HSF1	3297	HSF1	8
HSF2	3298	HSF2	6
HSF2BP	11077	HSF2BP	21

HSH2D	84941	HSH2D	19
HSP90AA1	3320	HSP90AA1	14
HSP90AB1	3326	HSP90AB1	6
HSP90B1	7184	HSP90B1	12
HSPA13	6782	HSPA13	21
HSPA14	51182	HSPA14	10
HSPA1A	3303	HSPA1A	6
HSPA1B	3304	HSPA1B	6
HSPA1L	3305	HSPA1L	6
HSPA2	3306	HSPA2	14
HSPA4	3308	HSPA4	5
HSPA4L	22824	HSPA4L	4
HSPA5	3309	HSPA5	9
HSPA6	3310	HSPA6	1
HSPA7	3311	HSPA7	1
HSPA8	3312	HSPA8	11
HSPA9	3313	HSPA9	5
HSPB1	3315	HSPB1	7
HSPB2	3316	HSPB2	11
HSPB3	8988	HSPB3	5
HSPBAP1	79663	HSPBAP1	3
HSPBL2	653553	HSPBL2	9
HSPBP1	23640	HSPBP1	
HSPC047	29060	HSPC047	7
HSPC111	51491	HSPC111	5
HSPC157	29092	HSPC157	1
HSPC159	29094	HSPC159	2
HSPC171	29100	HSPC171	
HSPC268	154791	HSPC268	7
HSPCAL3	3324	HSPCAL3	11
HSPD1	3329	HSPD1	2
HSPE1	3336	HSPE1	2
HSPH1	10808	HSPH1	13
HSZFP36	55552	HSZFP36	
HTATIP2	10553	HTATIP2	11
HTR3A	3359	HTR3A	11
HTR3B	9177	HTR3B	11
HTR7	3363	HTR7	10
HTRA2	27429	HTRA2	2
HTRA4	203100	HTRA4	8
HUNK	30811	HUNK	21
HUS1B	135458	HUS1B	6
HVCN1	84329	HVCN1	12
HYAL2	8692	HYAL2	3

HYAL3	8372	HYAL3	3
HYAL4	23553	HYAL4	7
HYALP1	26062	HYALP1	7
HYLS1	219844	HYLS1	11
HYOU1	10525	HYOU1	11
HYPB	29072	HYPB	3
IAH1	285148	IAH1	2
IARS	3376	IARS	9
IARS2	55699	IARS2	1
IBSP	3381	IBSP	4
IBTK	25998	IBTK	6
ICA1	3382	ICA1	7
ICA1L	130026	ICA1L	2
ICAM1	3383	ICAM1	19
ICAM2	3384	ICAM2	17
ICAM3	3385	ICAM3	19
ICAM4	3386	ICAM4	19
ICAM5	7087	ICAM5	19
ICF45	54974	ICF45	5
ICK	22858	ICK	6
ICMT	23463	ICMT	1
ICOSLG	23308	ICOSLG	21
ICT1	3396	ICT1	17
ID1	3397	ID1	20
ID2	3398	ID2	2
ID3	3399	ID3	1
ID4	3400	ID4	6
IDE	3416	IDE	10
IDH1	3417	IDH1	2
IDH2	3418	IDH2	15
IDH3A	3419	IDH3A	15
IDH3B	3420	IDH3B	20
IDH3G	3421	IDH3G	X
IDI1	3422	IDI1	10
IDI2	91734	IDI2	10
IDO1	3620	IDO1	8
IDS	3423	IDS	X
IDUA	3425	IDUA	4
IER2	9592	IER2	19
IER3	8870	IER3	6
IER5	51278	IER5	1
IER5L	389792	IER5L	9
IFFO1	25900	IFFO1	12
IFFO2	126917	IFFO2	1

IFI16	3428	IFI16	1
IFI27	3429	IFI27	14
IFI27L1	122509	IFI27L1	14
IFI27L2	83982	IFI27L2	14
IFI30	10437	IFI30	19
IFI35	3430	IFI35	17
IFI44	10561	IFI44	1
IFI44L	10964	IFI44L	1
IFI6	2537	IFI6	1
IFIH1	64135	IFIH1	2
IFIT1	3434	IFIT1	10
IFIT2	3433	IFIT2	10
IFIT3	3437	IFIT3	10
IFIT5	24138	IFIT5	10
IFITM1	8519	IFITM1	11
IFITM2	10581	IFITM2	11
IFITM3	10410	IFITM3	11
IFNA1	3439	IFNA1	9
IFNA16	3449	IFNA16	9
IFNA21	3452	IFNA21	9
IFNAR1	3454	IFNAR1	21
IFNAR2	3455	IFNAR2	21
IFNB1	3456	IFNB1	9
IFNE1	338376	IFNE1	9
IFNGR1	3459	IFNGR1	6
IFNGR2	3460	IFNGR2	21
IFNK	56832	IFNK	9
IFP38	83880	IFP38	
IFRD1	3475	IFRD1	7
IFRD2	7866	IFRD2	3
IFRG15	64163	IFRG15	1
IFT122	55764	IFT122	3
IFT140	9742	IFT140	16
IFT20	90410	IFT20	17
IFT52	51098	IFT52	20
IFT57	55081	IFT57	3
IFT74	80173	IFT74	9
IFT80	57560	IFT80	3
IFT81	28981	IFT81	12
IFT88	8100	IFT88	13
IGBP1	3476	IGBP1	X
IGDCC3	9543	IGDCC3	15
IGF2BP1	10642	IGF2BP1	17
IGF2BP2	10644	IGF2BP2	3

IGF2BP3	10643	IGF2BP3	7
IGF2R	3482	IGF2R	6
IGFALS	3483	IGFALS	16
IGFBP1	3484	IGFBP1	7
IGFBP2	3485	IGFBP2	2
IGFBP3	3486	IGFBP3	7
IGFBP4	3487	IGFBP4	17
IGFBP6	3489	IGFBP6	12
IGFBPL1	347252	IGFBPL1	9
IGFL3	388555	IGFL3	19
IGHMBP2	3508	IGHMBP2	11
IGJ	3512	IGJ	4
IGLL1	3543	IGLL1	22
IGLL3	91353	IGLL3	22
IGSF10	285313	IGSF10	3
IGSF11	152404	IGSF11	3
IGSF3	3321	IGSF3	1
IGSF6	10261	IGSF6	16
IGSF8	93185	IGSF8	1
IGSF9	57549	IGSF9	1
IIP45	60672	IIP45	1
IK	3550	IK	5
IKBIP	121457	IKBIP	12
IKBKAP	8518	IKBKAP	9
IKBKB	3551	IKBKB	8
IKBKE	9641	IKBKE	1
IKBKG	8517	IKBKG	X
IKZF1	10320	IKZF1	7
IKZF2	22807	IKZF2	2
IKZF3	22806	IKZF3	17
IKZF4	64375	IKZF4	12
IKZF5	64376	IKZF5	
IL10	3586	IL10	1
IL10RA	3587	IL10RA	11
IL10RB	3588	IL10RB	21
IL11	3589	IL11	19
IL11RA	3590	IL11RA	9
IL12A	3592	IL12A	3
IL12RB1	3594	IL12RB1	19
IL12RB2	3595	IL12RB2	1
IL13RA1	3597	IL13RA1	X
IL15	3600	IL15	4
IL16	3603	IL16	15
IL17A	3605	IL17A	6

IL17D	53342	IL17D	13
IL17RA	23765	IL17RA	22
IL17RB	55540	IL17RB	3
IL17RD	54756	IL17RD	3
IL18	3606	IL18	11
IL18BP	10068	IL18BP	11
IL18RAP	8807	IL18RAP	2
IL1R2	7850	IL1R2	2
IL1RAP	3556	IL1RAP	3
IL1RL2	8808	IL1RL2	2
IL20RA	53832	IL20RA	6
IL20RB	53833	IL20RB	3
IL21R	50615	IL21R	16
IL22RA1	58985	IL22RA1	1
IL23A	51561	IL23A	12
IL27RA	9466	IL27RA	19
IL28A	282616	IL28A	19
IL28RA	163702	IL28RA	1
IL2RA	3559	IL2RA	10
IL2RB	3560	IL2RB	22
IL32	9235	IL32	16
IL34	146433	IL34	16
IL4I1	259307	IL4I1	19
IL4R	3566	IL4R	16
IL5RA	3568	IL5RA	3
IL6	3569	IL6	7
IL7R	3575	IL7R	5
IL8	3576	IL8	4
ILDR1	286676	ILDR1	3
ILDR2	387597	ILDR2	1
ILF2	3608	ILF2	1
ILF3	3609	ILF3	19
ILK	3611	ILK	11
ILKAP	80895	ILKAP	2
ILVBL	10994	ILVBL	19
IMAA	387254	IMAA	16
IMMP1L	196294	IMMP1L	11
IMMP2L	83943	IMMP2L	7
IMMT	10989	IMMT	2
IMP3	55272	IMP3	15
IMP4	92856	IMP4	2
IMPA1	3612	IMPA1	8
IMPA2	3613	IMPA2	18
IMPAD1	54928	IMPAD1	8

IMPDH1	3614	IMPDH1	7
IMPDH2	3615	IMPDH2	3
IMPG1	3617	IMPG1	6
INA	9118	INA	10
INCA1	388324	INCA1	17
INCENP	3619	INCENP	11
INDO	3620	INDO	8
INF2	64423	INF2	14
ING1	3621	ING1	13
ING2	3622	ING2	4
ING3	54556	ING3	7
ING5	84289	ING5	
INHBE	83729	INHBE	12
INO80	54617	INO80	15
INO80B	83444	INO80B	2
INO80C	125476	INO80C	18
INO80D	54891	INO80D	2
INO80E	283899	INO80E	16
INPP1	3628	INPP1	2
INPP4B	8821	INPP4B	4
INPP5A	3632	INPP5A	
INPP5B	3633	INPP5B	1
INPP5D	3635	INPP5D	2
INPP5E	56623	INPP5E	9
INPP5K	51763	INPP5K	17
INPPL1	3636	INPPL1	11
INSC	387755	INSC	11
INSIG1	3638	INSIG1	7
INSIG2	51141	INSIG2	2
INSM1	3642	INSM1	20
INSM2	84684	INSM2	14
INSR	3643	INSR	19
INSRR	3645	INSRR	1
INTS1	26173	INTS1	7
INTS10	55174	INTS10	8
INTS12	57117	INTS12	4
INTS2	57508	INTS2	17
INTS3	65123	INTS3	1
INTS4	92105	INTS4	11
INTS5	80789	INTS5	11
INTS6	26512	INTS6	13
INTS7	25896	INTS7	1
INTS9	55756	INTS9	8
IP6K1	9807	IP6K1	3

IP6K2	51447	IP6K2	3
IPO11	51194	IPO11	5
IPO13	9670	IPO13	1
IPO4	79711	IPO4	14
IPO5	3843	IPO5	13
IPO7	10527	IPO7	11
IPO8	10526	IPO8	12
IPO9	55705	IPO9	1
IPW	3653	IPW	15
IQCB1	9657	IQCB1	3
IQCC	55721	IQCC	1
IQCD	115811	IQCD	12
IQCG	84223	IQCG	3
IQCH	64799	IQCH	15
IQCK	124152	IQCK	16
IQGAP2	10788	IQGAP2	5
IQSEC1	9922	IQSEC1	3
IQUB	154865	IQUB	7
IRAK1	3654	IRAK1	X
IRAK1BP1	134728	IRAK1BP1	6
IRAK2	3656	IRAK2	3
IRAK3	11213	IRAK3	12
IREB2	3658	IREB2	15
IRF1	3659	IRF1	5
IRF2	3660	IRF2	4
IRF2BP1	26145	IRF2BP1	19
IRF2BP2	359948	IRF2BP2	1
IRF3	3661	IRF3	19
IRF4	3662	IRF4	6
IRF5	3663	IRF5	7
IRF7	3665	IRF7	11
IRF8	3394	IRF8	16
IRF9	10379	IRF9	14
IRGC	56269	IRGC	19
IRGM	345611	IRGM	
IRS1	3667	IRS1	2
IRS2	8660	IRS2	13
IRX3	79191	IRX3	16
IRX5	10265	IRX5	16
ISCA1	81689	ISCA1	9
ISCA1L	389293	ISCA1L	5
ISCA2	122961	ISCA2	14
ISCU	23479	ISCU	12
ISG15	9636	ISG15	1

ISG20	3669	ISG20	15
ISG20L1	64782	ISG20L1	15
ISG20L2	81875	ISG20L2	1
ISL2	64843	ISL2	15
ISLR2	57611	ISLR2	15
ISM1	140862	ISM1	20
ISOC1	51015	ISOC1	5
ISOC2	79763	ISOC2	19
ISY1	57461	ISY1	3
ISYNA1	51477	ISYNA1	19
ITCH	83737	ITCH	20
ITFG1	81533	ITFG1	16
ITFG2	55846	ITFG2	12
ITFG3	83986	ITFG3	16
ITGA3	3675	ITGA3	17
ITGA4	3676	ITGA4	2
ITGA6	3655	ITGA6	2
ITGA9	3680	ITGA9	3
ITGAE	3682	ITGAE	17
ITGAL	3683	ITGAL	16
ITGAM	3684	ITGAM	16
ITGAV	3685	ITGAV	2
ITGB1	3688	ITGB1	10
ITGB1BP1	9270	ITGB1BP1	2
ITGB2	3689	ITGB2	21
ITGB3	3690	ITGB3	17
ITGB3BP	23421	ITGB3BP	1
ITGB4BP	3692	ITGB4BP	20
ITGB5	3693	ITGB5	
ITGB7	3695	ITGB7	12
ITGBL1	9358	ITGBL1	13
ITIH4	3700	ITIH4	3
ITIH5	80760	ITIH5	10
ITK	3702	ITK	5
ITLN2	142683	ITLN2	1
ITM2A	9452	ITM2A	X
ITM2B	9445	ITM2B	13
ITM2C	81618	ITM2C	2
ITPA	3704	ITPA	20
ITPK1	3705	ITPK1	14
ITPKA	3706	ITPKA	15
ITPKB	3707	ITPKB	1
ITPR1	3708	ITPR1	3
ITPR2	3709	ITPR2	12

ITPR3	3710	ITPR3	6
ITPRIP	85450	ITPRIP	10
ITPRIPL1	150771	ITPRIPL1	2
ITPRIPL2	162073	ITPRIPL2	16
ITSN1	6453	ITSN1	21
IVD	3712	IVD	15
IVNS1ABP	10625	IVNS1ABP	1
IWS1	55677	IWS1	2
IZUMO1	284359	IZUMO1	19
JAG1	182	JAG1	20
JAG2	3714	JAG2	14
JAGN1	84522	JAGN1	3
JAK1	3716	JAK1	1
JAK2	3717	JAK2	9
JAKMIP2	9832	JAKMIP2	5
JAKMIP3	282973	JAKMIP3	10
JAM2	58494	JAM2	21
JAM3	83700	JAM3	11
JARID1A	5927	JARID1A	12
JARID1C	8242	JARID1C	X
JARID1D	8284	JARID1D	Y
JARID2	3720	JARID2	6
JAZF1	221895	JAZF1	7
JDP2	122953	JDP2	14
JHDM1D	80853	JHDM1D	7
JMJD1A	55818	JMJD1A	2
JMJD1C	221037	JMJD1C	10
JMJD2A	9682	JMJD2A	1
JMJD2B	23030	JMJD2B	19
JMJD4	65094	JMJD4	1
JMJD5	79831	JMJD5	16
JMJD6	23210	JMJD6	17
JMJD7	100137047	JMJD7	15
JMJD8	339123	JMJD8	16
JMY	133746	JMY	5
JOSD1	9929	JOSD1	22
JOSD2	126119	JOSD2	19
JPH1	56704	JPH1	8
JPH2	57158	JPH2	20
JPH3	57338	JPH3	16
JPH4	84502	JPH4	14
JRK	8629	JRK	8
JRKL	8690	JRKL	11
JSRP1	126306	JSRP1	19

JTB	10899	JTB	1
JUN	3725	JUN	1
JUNB	3726	JUNB	19
JUND	3727	JUND	19
JUP	3728	JUP	17
KANK2	25959	KANK2	19
KANK3	256949	KANK3	19
KARS	3735	KARS	16
KAT2A	2648	KAT2A	17
KAT2B	8850	KAT2B	3
KAT5	10524	KAT5	11
KATNA1	11104	KATNA1	6
KATNAL1	84056	KATNAL1	13
KATNAL2	83473	KATNAL2	18
KATNB1	10300	KATNB1	16
KBTBD11	9920	KBTBD11	8
KBTBD12	166348	KBTBD12	3
KBTBD2	25948	KBTBD2	7
KBTBD3	143879	KBTBD3	11
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KBTBD5	131377	KBTBD5	3
KBTBD6	89890	KBTBD6	13
KBTBD8	84541	KBTBD8	3
KBTBD9	114818	KBTBD9	2
KCMF1	56888	KCMF1	2
KCNA7	3743	KCNA7	19
KCNAB2	8514	KCNAB2	1
KCNC3	3748	KCNC3	19
KCND2	3751	KCND2	7
KCNE1L	23630	KCNE1L	X
KCNE2	9992	KCNE2	21
KCNG2	26251	KCNG2	
KCNH3	23416	KCNH3	12
KCNH4	23415	KCNH4	17
KCNH6	81033	KCNH6	17
KCNIP2	30819	KCNIP2	10
KCNJ12	3768	KCNJ12	17
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KCNJ2	3759	KCNJ2	17
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KCNK12	56660	KCNK12	2
KCNK13	56659	KCNK13	14
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KCNK6	9424	KCNK6	19

KCNMB1	3779	KCNMB1	5
KCNMB2	10242	KCNMB2	3
KCNMB3	27094	KCNMB3	3
KCNMB4	27345	KCNMB4	12
KCNN3	3782	KCNN3	1
KCNN4	3783	KCNN4	19
KCNQ1OT1	10984	KCNQ1OT1	11
KCNQ2	3785	KCNQ2	20
KCNQ5	56479	KCNQ5	6
KCNS3	3790	KCNS3	2
KCTD10	83892	KCTD10	12
KCTD11	147040	KCTD11	17
KCTD13	253980	KCTD13	16
KCTD14	65987	KCTD14	11
KCTD15	79047	KCTD15	19
KCTD17	79734	KCTD17	22
KCTD18	130535	KCTD18	2
KCTD21	283219	KCTD21	11
KCTD3	51133	KCTD3	1
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LOC642141	642141	LOC642141	
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LOC642348	642348	LOC642348	6
LOC642357	642357	LOC642357	
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LOC642362	642362	LOC642362	11
LOC642370	642370	LOC642370	17
LOC642373	642373	LOC642373	9
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LOC642399	642399	LOC642399	1
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LOC642418	642418	LOC642418	4
LOC642419	642419	LOC642419	4
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LOC642423	642423	LOC642423	15
LOC642443	642443	LOC642443	6
LOC642446	642446	LOC642446	
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LOC642460	642460	LOC642460	21
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LOC642502	642502	LOC642502	17
LOC642503	642503	LOC642503	4
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LOC642539	642539	LOC642539	12
LOC642546	642546	LOC642546	
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LOC642595	642595	LOC642595	8
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LOC642607	642607	LOC642607	17
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LOC642656	642656	LOC642656	4
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LOC642681	642681	LOC642681	
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LOC642712	642712	LOC642712	18
LOC642732	642732	LOC642732	
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LOC642755	642755	LOC642755	15
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LOC642761	642761	LOC642761	16
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LOC642765	642765	LOC642765	6
LOC642769	642769	LOC642769	22
LOC642771	642771	LOC642771	15
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LOC642838	642838	LOC642838	2
LOC642843	642843	LOC642843	17
LOC642851	642851	LOC642851	17
LOC642852	642852	LOC642852	21
LOC642853	642853	LOC642853	5
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LOC642930	642930	LOC642930	3
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LOC642946	642946	LOC642946	1
LOC642947	642947	LOC642947	9
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LOC642962	642962	LOC642962	3
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LOC643047	643047	LOC643047	5
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LOC643167	643167	LOC643167	
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LOC643176	643176	LOC643176	13
LOC643197	643197	LOC643197	8
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LOC643203	643203	LOC643203	21
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LOC643384	643384	LOC643384	4
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LOC643446	643446	LOC643446	4
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LOC643634	643634	LOC643634	3
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LOC643662	643662	LOC643662	12
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LOC643731	643731	LOC643731	10
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LOC643855	643855	LOC643855	
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LOC643870	643870	LOC643870	6
LOC643872	643872	LOC643872	14
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LOC643882	643882	LOC643882	12
LOC643888	643888	LOC643888	X
LOC643894	643894	LOC643894	X
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LOC643912	643912	LOC643912	17
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LOC643982	643982	LOC643982	17
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LOC644047	644047	LOC644047	1
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LOC644063	644063	LOC644063	3
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LOC644124	644124	LOC644124	17
LOC644128	644128	LOC644128	8
LOC644132	644132	LOC644132	17
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LOC644157	644157	LOC644157	17
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LOC644168	644168	LOC644168	
LOC644173	644173	LOC644173	4
LOC644184	644184	LOC644184	12
LOC644186	644186	LOC644186	
LOC644191	644191	LOC644191	17
LOC644200	644200	LOC644200	X
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LOC644246	644246	LOC644246	17
LOC644250	644250	LOC644250	13
LOC644254	644254	LOC644254	17
LOC644256	644256	LOC644256	17
LOC644264	644264	LOC644264	17
LOC644266	644266	LOC644266	21
LOC644276	644276	LOC644276	10
LOC644285	644285	LOC644285	5
LOC644286	644286	LOC644286	12
LOC644295	644295	LOC644295	14
LOC644305	644305	LOC644305	X
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LOC644315	644315	LOC644315	17
LOC644322	644322	LOC644322	9
LOC644330	644330	LOC644330	19
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LOC644335	644335	LOC644335	8
LOC644350	644350	LOC644350	17
LOC644353	644353	LOC644353	
LOC644359	644359	LOC644359	12
LOC644360	644360	LOC644360	14
LOC644363	644363	LOC644363	
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LOC644391	644391	LOC644391	17
LOC644397	644397	LOC644397	
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LOC644412	644412	LOC644412	10
LOC644415	644415	LOC644415	
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LOC644420	644420	LOC644420	5

LOC644421	644421	LOC644421	8
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LOC644519	644519	LOC644519	X
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LOC644537	644537	LOC644537	9
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LOC644619	644619	LOC644619	7
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LOC644625	644625	LOC644625	6
LOC644635	644635	LOC644635	12
LOC644640	644640	LOC644640	9
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LOC644652	644652	LOC644652	22
LOC644655	644655	LOC644655	1
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LOC644686	644686	LOC644686	
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LOC644695	644695	LOC644695	17
LOC644701	644701	LOC644701	15
LOC644707	644707	LOC644707	15
LOC644711	644711	LOC644711	8
LOC644714	644714	LOC644714	
LOC644719	644719	LOC644719	14
LOC644732	644732	LOC644732	X
LOC644735	644735	LOC644735	3
LOC644736	644736	LOC644736	3
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LOC644762	644762	LOC644762	
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LOC644769	644769	LOC644769	9
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LOC644827	644827	LOC644827	
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LOC644853	644853	LOC644853	19
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LOC644897	644897	LOC644897	12
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LOC644950	644950	LOC644950	3
LOC644958	644958	LOC644958	15
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LOC644978	644978	LOC644978	16
LOC644979	644979	LOC644979	19
LOC644988	644988	LOC644988	17
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LOC645001	645001	LOC645001	
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LOC645015	645015	LOC645015	11
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LOC645045	645045	LOC645045	18
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LOC645094	645094	LOC645094	
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LONRF1	91694	LONRF1	8
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LOXHD1	125336	LOXHD1	18
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LPIN1	23175	LPIN1	2
LPIN2	9663	LPIN2	18
LPP	4026	LPP	3
LPPR2	64748	LPPR2	19
LPXN	9404	LPXN	11
LQK1	642946	LQK1	1
LRAP	64167	LRAP	5
LRBA	987	LRBA	4
LRCH3	84859	LRCH3	3
LRCH4	4034	LRCH4	7
LRDD	55367	LRDD	11
LRFN1	57622	LRFN1	19
LRFN3	79414	LRFN3	19
LRFN4	78999	LRFN4	11
LRGUK	136332	LRGUK	7
LRIG1	26018	LRIG1	3
LRIG2	9860	LRIG2	1
LRIG3	121227	LRIG3	12
LRIT3	345193	LRIT3	4
LRMP	4033	LRMP	12
LRP1	4035	LRP1	12
LRP10	26020	LRP10	14
LRP11	84918	LRP11	6
LRP1B	53353	LRP1B	2
LRP3	4037	LRP3	19

LRP4	4038	LRP4	11
LRP5	4041	LRP5	11
LRP8	7804	LRP8	1
LRPAP1	4043	LRPAP1	4
LRRC1	55227	LRRC1	6
LRRC14	9684	LRRC14	8
LRRC15	131578	LRRC15	3
LRRC16	55604	LRRC16	6
LRRC16A	55604	LRRC16A	6
LRRC16B	90668	LRRC16B	14
LRRC18	474354	LRRC18	10
LRRC20	55222	LRRC20	10
LRRC23	10233	LRRC23	12
LRRC24	441381	LRRC24	8
LRRC25	126364	LRRC25	19
LRRC26	389816	LRRC26	9
LRRC28	123355	LRRC28	15
LRRC29	26231	LRRC29	16
LRRC3	81543	LRRC3	21
LRRC31	79782	LRRC31	3
LRRC32	2615	LRRC32	11
LRRC33	375387	LRRC33	3
LRRC34	151827	LRRC34	3
LRRC36	55282	LRRC36	16
LRRC37A2	474170	LRRC37A2	17
LRRC37A4	55073	LRRC37A4	17
LRRC37B	114659	LRRC37B	
LRRC37B2	147172	LRRC37B2	
LRRC38	126755	LRRC38	
LRRC40	55631	LRRC40	1
LRRC41	10489	LRRC41	1
LRRC42	115353	LRRC42	1
LRRC44	127255	LRRC44	1
LRRC45	201255	LRRC45	17
LRRC46	90506	LRRC46	17
LRRC47	57470	LRRC47	1
LRRC48	83450	LRRC48	
LRRC49	54839	LRRC49	15
LRRC56	115399	LRRC56	11
LRRC57	255252	LRRC57	15
LRRC58	116064	LRRC58	3
LRRC59	55379	LRRC59	17
LRRC6	23639	LRRC6	8
LRRC67	286187	LRRC67	8

LRRC69	100130742	LRRC69	8
LRRC7	57554	LRRC7	1
LRRC8A	56262	LRRC8A	9
LRRC8C	84230	LRRC8C	1
LRRC8D	55144	LRRC8D	1
LRRC8E	80131	LRRC8E	19
LRRCC1	85444	LRRCC1	8
LRRFIP1	9208	LRRFIP1	2
LRRFIP2	9209	LRRFIP2	3
LRRIQ3	127255	LRRIQ3	1
LRRK2	120892	LRRK2	12
LRRN1	57633	LRRN1	3
LRRN2	10446	LRRN2	1
LRRN3	54674	LRRN3	7
LRRN4	164312	LRRN4	20
LRTOMT	220074	LRTOMT	11
LRWD1	222229	LRWD1	7
LSAMP	4045	LSAMP	3
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LSM1	27257	LSM1	8
LSM10	84967	LSM10	1
LSM12	124801	LSM12	17
LSM14A	26065	LSM14A	19
LSM14B	149986	LSM14B	20
LSM2	57819	LSM2	6
LSM3	27258	LSM3	3
LSM4	25804	LSM4	19
LSM5	23658	LSM5	7
LSM6	11157	LSM6	4
LSM7	51690	LSM7	19
LSM8	51691	LSM8	7
LSMD1	84316	LSMD1	17
LSP1	4046	LSP1	11
LSR	51599	LSR	19
LSS	4047	LSS	21
LST1	7940	LST1	6
LST-3TM12	338821	LST-3TM12	12
LTA	4049	LTA	6
LTA4H	4048	LTA4H	12
LTB	4050	LTB	6
LTB4R	1241	LTB4R	14
LTBP1	4052	LTBP1	2
LTBP3	4054	LTBP3	11
LTBP4	8425	LTBP4	19

LTC4S	4056	LTC4S	5
LTF	4057	LTF	3
LTK	4058	LTK	15
LTV1	84946	LTV1	6
LUC7L	55692	LUC7L	16
LUC7L2	51631	LUC7L2	7
LUZP1	7798	LUZP1	1
LXN	56925	LXN	3
LY6E	4061	LY6E	8
LY6G6D	58530	LY6G6D	6
LY6G6F	259215	LY6G6F	6
LY6H	4062	LY6H	
LY75	4065	LY75	2
LY86	9450	LY86	6
LY9	4063	LY9	1
LY96	23643	LY96	8
LYAR	55646	LYAR	4
LYG1	129530	LYG1	2
LYL1	4066	LYL1	19
LYN	4067	LYN	8
LYPD1	116372	LYPD1	2
LYPD4	147719	LYPD4	19
LYPD6	130574	LYPD6	2
LYPD6B	130576	LYPD6B	2
LYPLA1	10434	LYPLA1	8
LYPLA2	11313	LYPLA2	1
LYPLA2P1	653639	LYPLA2P1	6
LYPLAL1	127018	LYPLAL1	1
LYRM1	57149	LYRM1	16
LYRM2	57226	LYRM2	6
LYRM4	57128	LYRM4	6
LYRM5	144363	LYRM5	12
LYRM7	90624	LYRM7	5
LYSMD1	388695	LYSMD1	1
LYSMD2	256586	LYSMD2	15
LYSMD3	116068	LYSMD3	5
LYSMD4	145748	LYSMD4	15
LYST	1130	LYST	1
LYZ	4069	LYZ	12
LZIC	84328	LZIC	1
LZTFL1	54585	LZTFL1	3
LZTR1	8216	LZTR1	22
LZTS1	11178	LZTS1	8
LZTS2	84445	LZTS2	10

M160	283316	M160	12
M6PR	4074	M6PR	12
M6PRBP1	10226	M6PRBP1	19
MAB21L2	10586	MAB21L2	4
MACC1	346389	MACC1	7
MACROD1	28992	MACROD1	11
MAD1L1	8379	MAD1L1	7
MAD2L1	4085	MAD2L1	4
MAD2L2	10459	MAD2L2	1
MADD	8567	MADD	11
MAEA	10296	MAEA	4
MAEL	84944	MAEL	1
MAF1	84232	MAF1	8
MAFA	389692	MAFA	8
MAFB	9935	MAFB	20
MAFF	23764	MAFF	22
MAG	4099	MAG	19
MAGEA3	4102	MAGEA3	X
MAGEA5	4104	MAGEA5	X
MAGEB5	347541	MAGEB5	
MAGED1	9500	MAGED1	X
MAGED2	10916	MAGED2	X
MAGEE1	57692	MAGEE1	X
MAGEF1	64110	MAGEF1	3
MAGEH1	28986	MAGEH1	X
MAGIX	79917	MAGIX	X
MAGMAS	51025	Magmas	16
MAGOH	4116	MAGOH	1
MAGOHB	55110	MAGOHB	12
MAGT1	84061	MAGT1	X
MAK	4117	MAK	6
MAK10	60560	MAK10	9
MAK16	84549	MAK16	8
MAL	4118	MAL	2
MAMDC4	158056	MAMDC4	9
MAML1	9794	MAML1	
MAMLD1	10046	MAMLD1	X
MAN1A2	10905	MAN1A2	1
MAN1B1	11253	MAN1B1	9
MAN2A2	4122	MAN2A2	15
MAN2B1	4125	MAN2B1	19
MAN2B2	23324	MAN2B2	4
MAN2C1	4123	MAN2C1	15
MANBA	4126	MANBA	4

MANBAL	63905	MANBAL	20
MANEA	79694	MANEA	
MANEAL	149175	MANEAL	1
MANSC1	54682	MANSC1	12
MAP1A	4130	MAP1A	15
MAP1B	4131	MAP1B	5
MAP1D	254042	MAP1D	2
MAP1LC3A	84557	MAP1LC3A	20
MAP1LC3B	81631	MAP1LC3B	16
MAP1LC3C	440738	MAP1LC3C	1
MAP1S	55201	MAP1S	19
MAP2	4133	MAP2	2
MAP2K1	5604	MAP2K1	15
MAP2K1IP1	8649	MAP2K1IP1	4
MAP2K2	5605	MAP2K2	19
MAP2K3	5606	MAP2K3	17
MAP2K4	6416	MAP2K4	17
MAP2K6	5608	MAP2K6	17
MAP2K7	5609	MAP2K7	19
MAP3K1	4214	MAP3K1	5
MAP3K11	4296	MAP3K11	11
MAP3K12	7786	MAP3K12	12
MAP3K13	9175	MAP3K13	3
MAP3K15	389840	MAP3K15	X
MAP3K3	4215	MAP3K3	17
MAP3K4	4216	MAP3K4	6
MAP3K5	4217	MAP3K5	6
MAP3K6	9064	MAP3K6	1
MAP3K7	6885	MAP3K7	6
MAP3K7IP1	10454	MAP3K7IP1	22
MAP3K7IP2	23118	MAP3K7IP2	6
MAP3K7IP3	257397	MAP3K7IP3	X
MAP3K8	1326	MAP3K8	10
MAP3K9	4293	MAP3K9	14
MAP4K1	11184	MAP4K1	19
MAP4K2	5871	MAP4K2	11
MAP4K3	8491	MAP4K3	2
MAP4K4	9448	MAP4K4	2
MAP4K5	11183	MAP4K5	14
MAP6	4135	MAP6	11
MAP6D1	79929	MAP6D1	3
MAP7	9053	MAP7	6
MAP7D1	55700	MAP7D1	1
MAP7D2	256714	MAP7D2	X

MAP9	79884	MAP9	4
MAPBPIP	28956	MAPBPIP	1
MAPK1	5594	MAPK1	22
MAPK10	5602	MAPK10	4
MAPK11	5600	MAPK11	22
MAPK12	6300	MAPK12	22
MAPK13	5603	MAPK13	6
MAPK14	1432	MAPK14	6
MAPK15	225689	MAPK15	8
MAPK3	5595	MAPK3	
MAPK6	5597	MAPK6	15
MAPK7	5598	MAPK7	17
MAPK8	5599	MAPK8	10
MAPK8IP1	9479	MAPK8IP1	11
MAPK8IP3	23162	MAPK8IP3	16
MAPK9	5601	MAPK9	5
MAPKAPK2	9261	MAPKAPK2	1
MAPKAPK3	7867	MAPKAPK3	3
MAPKAPK5	8550	MAPKAPK5	12
MAPKBP1	23005	MAPKBP1	15
MAPKSP1	8649	MAPKSP1	4
MAPRE1	22919	MAPRE1	20
MAPRE2	10982	MAPRE2	18
MAPRE3	22924	MAPRE3	2
MAPT	4137	MAPT	17
MARCKS	4082	MARCKS	6
MARCKSL1	65108	MARCKSL1	1
MARK1	4139	MARK1	1
MARK2	2011	MARK2	11
MARK3	4140	MARK3	14
MARK4	57787	MARK4	19
MARS	4141	MARS	12
MARS2	92935	MARS2	2
MAST1	22983	MAST1	19
MAST2	23139	MAST2	1
MAST3	23031	MAST3	19
MAST4	375449	MAST4	5
MASTL	84930	MASTL	10
MAT1A	4143	MAT1A	10
MAT2A	4144	MAT2A	2
MAT2B	27430	MAT2B	5
MATK	4145	MATK	19
MATN1	4146	MATN1	1
MATR3	9782	MATR3	5

MAX	4149	MAX	14
MAZ	4150	MAZ	16
MBD1	4152	MBD1	18
MBD2	8932	MBD2	18
MBD3	53615	MBD3	19
MBD3L2	125997	MBD3L2	19
MBD4	8930	MBD4	3
MBD6	114785	MBD6	12
MBIP	51562	MBIP	14
MBLAC1	255374	MBLAC1	7
MBLAC2	153364	MBLAC2	5
MBNL1	4154	MBNL1	3
MBNL2	10150	MBNL2	13
MBNL3	55796	MBNL3	X
MBOAT2	129642	MBOAT2	
MBOAT7	79143	MBOAT7	19
MBP	4155	MBP	18
MBTD1	54799	MBTD1	17
MBTPS1	8720	MBTPS1	16
MBTPS2	51360	MBTPS2	X
MC1R	4157	MC1R	16
MC2R	4158	MC2R	18
MC4R	4160	MC4R	18
MC5R	4161	MC5R	18
MCAM	4162	MCAM	11
MCART1	92014	MCART1	9
MCAT	27349	MCAT	22
MCCC1	56922	MCCC1	3
MCCC2	64087	MCCC2	5
MCCD1	401250	MCCD1	6
MCEE	84693	MCEE	2
MCF2L	23263	MCF2L	13
MCFD2	90411	MCFD2	2
MCHR1	2847	MCHR1	22
MCL1	4170	MCL1	1
MCM10	55388	MCM10	10
MCM2	4171	MCM2	3
MCM3	4172	MCM3	6
MCM3AP	8888	MCM3AP	21
MCM3APAS	114044	MCM3APAS	21
MCM4	4173	MCM4	8
MCM5	4174	MCM5	22
MCM6	4175	MCM6	2
MCM7	4176	MCM7	7

MCOLN1	57192	MCOLN1	19
MCOLN2	255231	MCOLN2	1
MCOLN3	55283	MCOLN3	1
MCPH1	79648	MCPH1	8
MCRS1	10445	MCRS1	12
MCTP1	79772	MCTP1	5
MCTS1	28985	MCTS1	X
MDC1	9656	MDC1	6
MDFIC	29969	MDFIC	7
MDGA1	266727	MDGA1	6
MDH1	4190	MDH1	2
MDH2	4191	MDH2	7
MDM1	56890	MDM1	12
MDM2	4193	MDM2	12
MDM4	4194	MDM4	1
MDN1	23195	MDN1	6
MDP1	145553	MDP1	14
ME2	4200	ME2	18
MEA1	4201	MEA1	6
MEAF6	64769	MEAF6	1
MECR	51102	MECR	1
MED1	5469	MED1	17
MED10	84246	MED10	5
MED11	400569	MED11	17
MED12	9968	MED12	X
MED12L	116931	MED12L	3
MED13	9969	MED13	17
MED13L	23389	MED13L	12
MED14	9282	MED14	X
MED15	51586	MED15	22
MED16	10025	MED16	19
MED17	9440	MED17	11
MED19	219541	MED19	11
MED20	9477	MED20	6
MED21	9412	MED21	12
MED22	6837	MED22	9
MED23	9439	MED23	6
MED24	9862	MED24	17
MED25	81857	MED25	19
MED26	9441	MED26	19
MED27	9442	MED27	9
MED28	80306	MED28	4
MED29	55588	MED29	19
MED30	90390	MED30	8

MED31	51003	MED31	17
MED4	29079	MED4	13
MED6	10001	MED6	14
MED7	9443	MED7	5
MED8	112950	MED8	1
MED9	55090	MED9	17
MEF2A	4205	MEF2A	15
MEF2B	4207	MEF2B	19
MEF2C	4208	MEF2C	5
MEF2D	4209	MEF2D	1
MEGF11	84465	MEGF11	15
MEGF8	1954	MEGF8	19
MEGF9	1955	MEGF9	9
MEI1	150365	MEI1	22
MEIG1	644890	MEIG1	
MEIS2	4212	MEIS2	15
MEIS3	56917	MEIS3	19
MELK	9833	MELK	9
MEMO1	51072	MEMO1	2
MEN1	4221	MEN1	11
MEPCE	56257	MEPCE	7
MEPE	56955	MEPE	4
MERTK	10461	MERTK	2
MESDC1	59274	MESDC1	15
MESP1	55897	MESP1	15
MESP2	145873	MESP2	15
MEST	4232	MEST	7
MET	4233	MET	7
METAP1	23173	METAP1	4
METAP2	10988	METAP2	12
METRN	79006	METRN	16
METRNL	284207	METRNL	
METT10D	79066	METT10D	17
METT11D1	64745	METT11D1	14
METT5D1	196074	METT5D1	11
METTL1	4234	METTL1	12
METTL11A	28989	METTL11A	9
METTL11B	149281	METTL11B	1
METTL12	751071	METTL12	11
METTL13	51603	METTL13	1
METTL14	57721	METTL14	4
METTL2A	339175	METTL2A	17
METTL3	56339	METTL3	14
METTL4	64863	METTL4	18

METTL5	29081	METTL5	2
METTL7A	25840	METTL7A	12
METTL7B	196410	METTL7B	12
METTL9	51108	METTL9	16
MEX3A	92312	MEX3A	1
MEX3B	84206	MEX3B	15
MEX3C	51320	MEX3C	18
MEX3D	399664	MEX3D	19
MFAP1	4236	MFAP1	15
MFAP2	4237	MFAP2	1
MFAP3	4238	MFAP3	5
MFAP4	4239	MFAP4	17
MFAP5	8076	MFAP5	12
MFF	56947	MFF	2
MFGE8	4240	MFGE8	15
MFHAS1	9258	MFHAS1	8
MFI2	4241	MFI2	3
MFN2	9927	MFN2	1
MFNG	4242	MFNG	22
MFSD1	64747	MFSD1	3
MFSD10	10227	MFSD10	4
MFSD11	79157	MFSD11	17
MFSD2	84879	MFSD2	1
MFSD3	113655	MFSD3	8
MFSD5	84975	MFSD5	12
MFSD6	54842	MFSD6	2
MFSD8	256471	MFSD8	4
MGA	23269	MGA	15
MGAT1	4245	MGAT1	5
MGAT2	4247	MGAT2	14
MGAT4A	11320	MGAT4A	2
MGAT4B	11282	MGAT4B	5
MGC10646	84779	MGC10646	4
MGC10701	84744	MGC10701	
MGC10981	84740	MGC10981	
MGC10997	84741	MGC10997	15
MGC12760	84809	MGC12760	1
MGC12965	374408	MGC12965	11
MGC12982	84793	MGC12982	1
MGC13005	84771	MGC13005	9
MGC13057	84281	MGC13057	2
MGC13168	84821	MGC13168	12
MGC15763	92106	MGC15763	3
MGC16025	85009	MGC16025	2

MGC16075	84847	MGC16075	7
MGC16121	84848	MGC16121	X
MGC16169	93627	MGC16169	4
MGC16384	114130	MGC16384	
MGC16703	113691	MGC16703	22
MGC18216	145815	MGC18216	15
MGC20983	115948	MGC20983	19
MGC21881	389741	MGC21881	9
MGC23270	196872	MGC23270	14
MGC23284	197187	MGC23284	16
MGC24103	158295	MGC24103	9
MGC24125	439935	MGC24125	4
MGC25181	257054	MGC25181	2
MGC26356	642280	MGC26356	
MGC27345	157247	MGC27345	7
MGC27348	256355	MGC27348	7
MGC27382	149047	MGC27382	1
MGC2752	65996	MGC2752	19
MGC29506	51237	MGC29506	5
MGC3020	79014	MGC3020	16
MGC3032	65998	MGC3032	11
MGC3196	79064	MGC3196	
MGC33556	339541	MGC33556	1
MGC33948	160140	MGC33948	11
MGC35361	222234	MGC35361	7
MGC35440	147990	MGC35440	19
MGC3731	79159	MGC3731	22
MGC39372	221756	MGC39372	6
MGC39545	403312	MGC39545	11
MGC39900	286527	MGC39900	
MGC40168	148645	MGC40168	1
MGC40489	146880	MGC40489	17
MGC40499	245812	MGC40499	
MGC40574	285048	MGC40574	2
MGC42105	167359	MGC42105	5
MGC42630	286301	MGC42630	9
MGC42638	340561	MGC42638	X
MGC45491	221416	MGC45491	6
MGC45922	284365	MGC45922	
MGC4677	112597	MGC4677	2
MGC48637	285622	MGC48637	5
MGC52000	375260	MGC52000	2
MGC61598	441478	MGC61598	
MGC70857	414919	MGC70857	8

MGC70863	284942	MGC70863	22
MGC71993	440400	MGC71993	
MGC72080	389538	MGC72080	7
MGC72104	284802	MGC72104	20
MGC87042	256227	MGC87042	7
MGC87895	644068	MGC87895	
MGEA5	10724	MGEA5	10
MGLL	11343	MGLL	3
MGMT	4255	MGMT	10
MGP	4256	MGP	12
MGST1	4257	MGST1	12
MGST2	4258	MGST2	4
MGST3	4259	MGST3	1
MIA	8190	MIA	19
MIA3	375056	MIA3	1
MIAT	440823	MIAT	22
MIB1	57534	MIB1	18
MIB2	142678	MIB2	
MICA	4276	MICA	6
MICAL1	64780	MICAL1	6
MICAL2	9645	MICAL2	11
MICALCL	84953	MICALCL	11
MICALL1	85377	MICALL1	22
MICB	4277	MICB	6
MID1IP1	58526	MID1IP1	X
MIDN	90007	MIDN	19
MIER1	57708	MIER1	1
MIER3	166968	MIER3	5
MIF	4282	MIF	22
MIF4GD	57409	MIF4GD	17
MIIP	60672	MIIP	1
MIMT1	100073347	MIMT1	19
MINA	84864	MINA	3
MINPP1	9562	MINPP1	10
MIOS	54468	MIOS	7
MIPEP	4285	MIPEP	13
MIR100	406892	MIR100	
MIR106B	406900	MIR106B	
MIR1185-1	100302157	MIR1185-1	
MIR1204	100302185	MIR1204	
MIR1208	100302281	MIR1208	
MIR122	406906	MIR122	
MIR1224	100187716	MIR1224	
MIR1228	100302201	MIR1228	

MIR1237	100302280	MIR1237	
MIR1243	100302188	MIR1243	
MIR1255B2	100313835	MIR1255B2	
MIR125B2	406912	MIR125B2	
MIR1265	100302116	MIR1265	
MIR1267	100302286	MIR1267	
MIR1269	100302177	MIR1269	
MIR1272	100302184	MIR1272	
MIR1274A	100313805	MIR1274A	
MIR1277	100302214	MIR1277	
MIR1281	100302237	MIR1281	
MIR129-1	406917	MIR129-1	
MIR1293	100302220	MIR1293	
MIR130A	406919	MIR130A	
MIR1321	100302171	MIR1321	
MIR1323	100302255	MIR1323	
MIR138-2	406930	MIR138-2	
MIR1471	100302126	MIR1471	
MIR1537	100302139	MIR1537	
MIR155HG	114614	MIR155HG	21
MIR16-2	406951	MIR16-2	
MIR182	406958	MIR182	
MIR1910	100302261	MIR1910	
MIR1914	100302137	MIR1914	
MIR192	406967	MIR192	
MIR1974	100302207	MIR1974	
MIR1978	100302173	MIR1978	
MIR1979	100302176	MIR1979	
MIR199B	406978	MIR199B	
MIR204	406987	MIR204	
MIR21	406991	MIR21	
MIR214	406996	MIR214	
MIR215	406997	MIR215	
MIR219-2	407003	MIR219-2	
MIR2276	100313842	MIR2276	
MIR23A	407010	MIR23A	
MIR25	407014	MIR25	
MIR298	100126296	MIR298	
MIR300	100126297	MIR300	
MIR30B	407030	MIR30B	
MIR30C2	407032	MIR30C2	
MIR32	407036	MIR32	
MIR320A	407037	MIR320A	
MIR320C1	100302135	MIR320C1	

MIR326	442900	MIR326
MIR330	442902	MIR330
MIR340	442908	MIR340
MIR365-1	100126355	MIR365-1
MIR370	442915	MIR370
MIR371	442916	MIR371
MIR376C	442913	MIR376C
MIR377	494326	MIR377
MIR382	494331	MIR382
MIR425	494337	MIR425
MIR429	554210	MIR429
MIR448	554212	MIR448
MIR451	574411	MIR451
MIR453	574410	MIR453
MIR455	619556	MIR455
MIR489	574442	MIR489
MIR498	574460	MIR498
MIR505	574508	MIR505
MIR507	574512	MIR507
MIR511-2	574446	MIR511-2
MIR517B	574483	MIR517B
MIR532	693124	MIR532
MIR548F4	100313895	MIR548F4
MIR550-2	693134	MIR550-2
MIR557	693142	MIR557
MIR561	693146	MIR561
MIR564	693149	MIR564
MIR568	693153	MIR568
MIR569	693154	MIR569
MIR572	693157	MIR572
MIR578	693163	MIR578
MIR586	693171	MIR586
MIR593	693178	MIR593
MIR599	693184	MIR599
MIR603	693188	MIR603
MIR616	693201	MIR616
MIR635	693220	MIR635
MIR638	693223	MIR638
MIR643	693228	MIR643
MIR658	724028	MIR658
MIR665	100126315	MIR665
MIR708	100126333	MIR708
MIR761	100313892	MIR761
MIR770	768222	MIR770

MIR886	100126299	MIR886	
MIR93	407050	MIR93	
MIR940	100126328	MIR940	
MIR942	100126331	MIR942	
MIR943	100126332	MIR943	
MIR944	100126340	MIR944	
MIRH1	407975	MIRH1	
MIRLET7C	406885	MIRLET7C	
MIS12	79003	MIS12	17
MITD1	129531	MITD1	2
MITF	4286	MITF	3
MIXL1	83881	MIXL1	1
MKI67	4288	MKI67	10
MKI67IP	84365	MKI67IP	2
MKKS	8195	MKKS	20
MKL1	57591	MKL1	22
MKL2	57496	MKL2	16
MKLN1	4289	MKLN1	7
MKNK1	8569	MKNK1	1
MKNK2	2872	MKNK2	19
MKRN1	23608	MKRN1	7
MKRN2	23609	MKRN2	3
MKS1	54903	MKS1	17
MKX	283078	MKX	10
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MLF1	4291	MLF1	3
MLF1IP	79682	MLF1IP	4
MLF2	8079	MLF2	12
MLH1	4292	MLH1	3
MLKL	197259	MLKL	
MLL	4297	MLL	11
MLL2	8085	MLL2	12
MLL3	58508	MLL3	7
MLL4	9757	MLL4	19
MLL5	55904	MLL5	7
MLLT1	4298	MLLT1	19
MLLT10	8028	MLLT10	10
MLLT11	10962	MLLT11	1
MLLT6	4302	MLLT6	17
MLPH	79083	MLPH	2
MLST8	64223	MLST8	16
MLX	6945	MLX	17
MLYCD	23417	MLYCD	16
MMAA	166785	MMAA	4

MMACHC	25974	MMACHC	1
MMADHC	27249	MMADHC	2
MMD	23531	MMD	17
MME	4311	MME	3
MMGT1	93380	MMGT1	X
MMP1	4312	MMP1	11
MMP11	4320	MMP11	22
MMP16	4325	MMP16	8
MMP23B	8510	MMP23B	1
MMP24	10893	MMP24	20
MMP28	79148	MMP28	17
MMP7	4316	MMP7	11
MMP9	4318	MMP9	20
MMS19	64210	MMS19	10
MMS19L	64210	MMS19L	10
MN1	4330	MN1	22
MNAT1	4331	MNAT1	14
MND1	84057	MND1	4
MNDA	4332	MNDA	1
MNS1	55329	MNS1	15
MNT	4335	MNT	17
MNX1	3110	MNX1	7
MOAP1	64112	MOAP1	14
MOBK1B	55233	MOBK1B	2
MOBKL1A	92597	MOBKL1A	4
MOBKL1B	55233	MOBKL1B	2
MOBKL2A	126308	MOBKL2A	19
MOBKL2B	79817	MOBKL2B	9
MOBKL2C	148932	MOBKL2C	1
MOBKL3	25843	MOBKL3	2
MOCOS	55034	MOCOS	18
MOCS2	4338	MOCS2	5
MOCS3	27304	MOCS3	20
MOGS	7841	MOGS	2
MON1A	84315	MON1A	3
MON1B	22879	MON1B	16
MON2	23041	MON2	12
MORC1	27136	MORC1	3
MORC3	23515	MORC3	21
MORC4	79710	MORC4	X
MORF4L1	10933	MORF4L1	15
MORF4L2	9643	MORF4L2	X
MORG1	84292	MORG1	19
MORN2	378464	MORN2	2

MORN3	283385	MORN3	12
MORN4	118812	MORN4	10
MORN5	254956	MORN5	9
MOS	4342	MOS	8
MOSPD1	56180	MOSPD1	X
MOSPD2	158747	MOSPD2	X
MOSPD3	64598	MOSPD3	7
MOV10	4343	MOV10	1
MOXD1	26002	MOXD1	6
MPDU1	9526	MPDU1	17
MPEG1	219972	MPEG1	11
MPHOSPH10	10199	MPHOSPH10	2
MPHOSPH6	10200	MPHOSPH6	16
MPHOSPH8	54737	MPHOSPH8	13
MPHOSPH9	10198	MPHOSPH9	12
MPI	4351	MPI	15
MPND	84954	MPND	19
MPO	4353	MPO	17
MPP1	4354	MPP1	X
MPP2	4355	MPP2	17
MPP5	64398	MPP5	14
MPP6	51678	MPP6	7
MPPE1	65258	MPPE1	18
MPPED2	744	MPPED2	11
MPRIP	23164	MPRIP	17
MPST	4357	MPST	22
MPV17	4358	MPV17	2
MPV17L	255027	MPV17L	16
MPV17L2	84769	MPV17L2	19
MPZL1	9019	MPZL1	1
MPZL2	10205	MPZL2	11
MR1	3140	MR1	1
MRC2	9902	MRC2	17
MRE11A	4361	MRE11A	11
MREG	55686	MREG	2
MRFAP1	93621	MRFAP1	4
MRFAP1L1	114932	MRFAP1L1	4
MRGPRD	116512	MRGPRD	11
MRGPRX3	117195	MRGPRX3	11
MRI1	84245	MRI1	19
MRLC2	103910	MRLC2	18
MRM1	79922	MRM1	17
MRPL1	65008	MRPL1	4
MRPL10	124995	MRPL10	17

MRPL11	65003	MRPL11	11
MRPL12	6182	MRPL12	17
MRPL13	28998	MRPL13	8
MRPL14	64928	MRPL14	6
MRPL15	29088	MRPL15	8
MRPL16	54948	MRPL16	11
MRPL17	63875	MRPL17	11
MRPL18	29074	MRPL18	6
MRPL19	9801	MRPL19	2
MRPL2	51069	MRPL2	6
MRPL20	55052	MRPL20	1
MRPL21	219927	MRPL21	11
MRPL22	29093	MRPL22	5
MRPL23	6150	MRPL23	11
MRPL24	79590	MRPL24	1
MRPL27	51264	MRPL27	17
MRPL28	10573	MRPL28	16
MRPL3	11222	MRPL3	3
MRPL32	64983	MRPL32	7
MRPL33	9553	MRPL33	2
MRPL34	64981	MRPL34	19
MRPL35	51318	MRPL35	2
MRPL36	64979	MRPL36	5
MRPL37	51253	MRPL37	1
MRPL38	64978	MRPL38	17
MRPL39	54148	MRPL39	21
MRPL4	51073	MRPL4	19
MRPL40	64976	MRPL40	22
MRPL41	64975	MRPL41	9
MRPL42	28977	MRPL42	12
MRPL42P5	359821	MRPL42P5	15
MRPL43	84545	MRPL43	10
MRPL44	65080	MRPL44	2
MRPL45	84311	MRPL45	17
MRPL46	26589	MRPL46	15
MRPL47	57129	MRPL47	3
MRPL48	51642	MRPL48	11
MRPL49	740	MRPL49	11
MRPL50	54534	MRPL50	9
MRPL51	51258	MRPL51	12
MRPL52	122704	MRPL52	14
MRPL53	116540	MRPL53	2
MRPL54	116541	MRPL54	19
MRPL55	128308	MRPL55	1

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MRPS11	64963	MRPS11	15
MRPS12	6183	MRPS12	19
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MRPS16	51021	MRPS16	10
MRPS17	51373	MRPS17	7
MRPS18A	55168	MRPS18A	6
MRPS18B	28973	MRPS18B	6
MRPS18C	51023	MRPS18C	4
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MRPS21	54460	MRPS21	1
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MRPS23	51649	MRPS23	17
MRPS24	64951	MRPS24	7
MRPS25	64432	MRPS25	3
MRPS26	64949	MRPS26	20
MRPS27	23107	MRPS27	5
MRPS28	28957	MRPS28	8
MRPS30	10884	MRPS30	5
MRPS31	10240	MRPS31	13
MRPS33	51650	MRPS33	7
MRPS34	65993	MRPS34	16
MRPS35	60488	MRPS35	12
MRPS36	92259	MRPS36	5
MRPS5	64969	MRPS5	2
MRPS6	64968	MRPS6	21
MRPS7	51081	MRPS7	17
MRPS9	64965	MRPS9	2
MRRF	92399	MRRF	9
MRS2P2	729633	MRS2P2	
MRTO4	51154	MRTO4	1
MS4A1	931	MS4A1	11
MS4A3	932	MS4A3	11
MS4A6E	245802	MS4A6E	11
MS4A7	58475	MS4A7	11
MSH2	4436	MSH2	2
MSH3	4437	MSH3	5
MSH5	4439	MSH5	6
MSH6	2956	MSH6	2
MSI2	124540	MSI2	17
MSL1	339287	MSL1	17
MSL2	55167	MSL2	3
MSL3	10943	MSL3	X

MSL3L1	10943	MSL3L1	X
MSLN	10232	MSLN	16
MSMP	692094	MSMP	9
MSN	4478	MSN	X
MSR1	4481	MSR1	8
MSRA	4482	MSRA	8
MSRB2	22921	MSRB2	10
MSRB3	253827	MSRB3	12
MST1	4485	MST1	3
MST1R	4486	MST1R	3
MST4	51765	MST4	X
MSTO1	55154	MSTO1	1
MSX1	4487	MSX1	4
MT1A	4489	MT1A	16
MT1E	4493	MT1E	16
MT1F	4494	MT1F	16
MT1G	4495	MT1G	16
MT1H	4496	MT1H	16
MT1JP	4498	MT1JP	16
MT1L	4500	MT1L	16
MT1X	4501	MT1X	16
MT2A	4502	MT2A	16
MT3	4504	MT3	16
MTA1	9112	MTA1	14
MTA2	9219	MTA2	11
MTA3	57504	MTA3	2
MTAP	4507	MTAP	9
MTBP	27085	MTBP	8
MTCH1	23787	MTCH1	6
MTCH2	23788	MTCH2	11
MTCP1	4515	MTCP1	X
MTDH	92140	MTDH	8
MTE	644314	MTE	
MTERF	7978	MTERF	7
MTERFD1	51001	MTERFD1	8
MTERFD2	130916	MTERFD2	2
MTF1	4520	MTF1	1
MTG1	92170	MTG1	10
MTHFD1	4522	MTHFD1	14
MTHFD1L	25902	MTHFD1L	6
MTHFD2	10797	MTHFD2	2
MTHFD2L	441024	MTHFD2L	4
MTHFR	4524	MTHFR	1
MTHFS	10588	MTHFS	15

MTHFSD	64779	MTHFSD	16
MTIF2	4528	MTIF2	2
MTIF3	219402	MTIF3	13
MTM1	4534	MTM1	X
MTMR1	8776	MTMR1	X
MTMR10	54893	MTMR10	15
MTMR11	10903	MTMR11	1
MTMR12	54545	MTMR12	5
MTMR14	64419	MTMR14	3
MTMR15	22909	MTMR15	15
MTMR2	8898	MTMR2	11
MTMR3	8897	MTMR3	22
MTMR4	9110	MTMR4	17
MTMR6	9107	MTMR6	13
MTMR9	66036	MTMR9	8
MTNR1A	4543	MTNR1A	4
MTO1	25821	MTO1	6
MTP18	51537	MTP18	22
MTPN	136319	MTPN	7
MTR	4548	MTR	1
MTRF1	9617	MTRF1	13
MTRF1L	54516	MTRF1L	6
MTRR	4552	MTRR	5
MTSS1	9788	MTSS1	8
MTTP	4547	MTTP	4
MTUS1	57509	MTUS1	8
MTX1	4580	MTX1	1
MTX2	10651	MTX2	2
MTX3	345778	MTX3	5
MUC2	4583	MUC2	11
MUC20	200958	MUC20	3
MUC5AC	4586	MUC5AC	11
MUC6	4588	MUC6	11
MUCL1	118430	MUCL1	12
MUDENG	55745	MUDENG	14
MUL1	79594	MUL1	1
MUM1	84939	MUM1	19
MURC	347273	MURC	9
MUS81	80198	MUS81	11
MUT	4594	MUT	6
MUTED	63915	MUTED	6
MUTYH	4595	MUTYH	1
MVD	4597	MVD	16
MVK	4598	MVK	12

MVP	9961	MVP	16
MX1	4599	MX1	21
MX2	4600	MX2	21
MXD1	4084	MXD1	2
MXD3	83463	MXD3	5
MXD4	10608	MXD4	4
MXI1	4601	MXI1	10
MXRA7	439921	MXRA7	17
MYADM	91663	MYADM	19
MYADML	151325	MYADML	2
MYB	4602	MYB	6
MYBBP1A	10514	MYBBP1A	
MYBL1	4603	MYBL1	8
MYBL2	4605	MYBL2	20
MYBPC2	4606	MYBPC2	19
MYBPC3	4607	MYBPC3	11
MYBPH	4608	MYBPH	1
MYC	4609	MYC	8
MYCBP	26292	MYCBP	1
MYCBP2	23077	MYCBP2	13
MYCN	4613	MYCN	2
MYCT1	80177	MYCT1	6
MYD88	4615	MYD88	3
MYF5	4617	MYF5	12
MYF6	4618	MYF6	12
MYH10	4628	MYH10	17
MYH13	8735	MYH13	17
MYH3	4621	MYH3	17
MYH6	4624	MYH6	14
MYH9	4627	MYH9	22
MYL1	4632	MYL1	2
MYL12A	10627	MYL12A	18
MYL2	4633	MYL2	12
MYL3	4634	MYL3	3
MYL4	4635	MYL4	17
MYL5	4636	MYL5	4
MYL6	4637	MYL6	12
MYL6B	140465	MYL6B	12
MYLIP	29116	MYLIP	6
MYO10	4651	MYO10	5
MYO15A	51168	MYO15A	17
MYO19	80179	MYO19	17
MYO1B	4430	MYO1B	2
MYO1C	4641	MYO1C	17

MYO1D	4642	MYO1D	17
MYO1E	4643	MYO1E	15
MYO1G	64005	MYO1G	7
MYO1H	283446	MYO1H	12
MYO3A	53904	MYO3A	10
MYO3B	140469	MYO3B	2
MYO5A	4644	MYO5A	15
MYO5C	55930	MYO5C	15
MYO6	4646	MYO6	6
MYO9A	4649	MYO9A	15
MYO9B	4650	MYO9B	19
MYOF	26509	MYOF	10
MYOG	4656	MYOG	1
MYOM1	8736	MYOM1	18
MYOM2	9172	MYOM2	8
MYOZ2	51778	MYOZ2	4
MYPOP	339344	MYPOP	19
MYST1	84148	MYST1	16
MYST2	11143	MYST2	17
MYST3	7994	MYST3	8
MYST4	23522	MYST4	10
MYT1	4661	MYT1	20
MZF1	7593	MZF1	19
N4BP1	9683	N4BP1	16
N4BP2L1	90634	N4BP2L1	13
N4BP2L2	10443	N4BP2L2	13
N4BP3	23138	N4BP3	5
N6AMT1	29104	N6AMT1	21
N6AMT2	221143	N6AMT2	13
NAAA	27163	NAAA	4
NAALAD2	10003	NAALAD2	11
NAALADL1	10004	NAALADL1	11
NAB1	4664	NAB1	2
NAB2	4665	NAB2	12
NACA	4666	NACA	12
NACAD	23148	NACAD	
NACAP1	83955	NACAP1	8
NACC2	138151	NACC2	9
NADK	65220	NADK	1
NADSYN1	55191	NADSYN1	11
NAE1	8883	NAE1	16
NAF1	92345	NAF1	4
NAG18	57051	NAG18	7
NAGA	4668	NAGA	22

NAGK	55577	NAGK	2
NAGLU	4669	NAGLU	17
NAGPA	51172	NAGPA	16
NAIF1	203245	NAIF1	9
NAIP	4671	NAIP	5
NALP5	126206	NALP5	19
NAMPT	10135	NAMPT	7
NANOS3	342977	NANOS3	19
NANS	54187	NANS	9
NAP1L1	4673	NAP1L1	12
NAP1L4	4676	NAP1L4	11
NAP1L5	266812	NAP1L5	4
NAPA	8775	NAPA	19
NAPEPLD	222236	NAPEPLD	7
NAPG	8774	NAPG	18
NAPRT1	93100	NAPRT1	8
NAPSA	9476	NAPSA	19
NAPSB	256236	NAPSB	19
NARF	26502	NARF	17
NARFL	64428	NARFL	16
NARG1	80155	NARG1	4
NARG1L	79612	NARG1L	13
NARG2	79664	NARG2	15
NARS	4677	NARS	18
NARS2	79731	NARS2	11
NASP	4678	NASP	1
NAT1	9	NAT1	
NAT10	55226	NAT10	11
NAT12	122830	NAT12	14
NAT13	80218	NAT13	3
NAT14	57106	NAT14	19
NAT15	79903	NAT15	16
NAT5	51126	NAT5	20
NAT6	24142	NAT6	3
NAT8L	339983	NAT8L	4
NAV2	89797	NAV2	11
NAV3	89795	NAV3	12
NBEA	26960	NBEA	13
NBEAL2	23218	NBEAL2	3
NBL1	4681	NBL1	1
NBN	4683	NBN	8
NBPF1	55672	NBPF1	1
NBPF10	440673	NBPF10	1
NBPF14	25832	NBPF14	1

NBPF15	284565	NBPF15	1
NBPF20	400818	NBPF20	1
NBPF22P	285622	NBPF22P	5
NBPF3	84224	NBPF3	
NBPF4	148545	NBPF4	1
NBPF8	728841	NBPF8	1
NBR1	4077	NBR1	17
NBR2	10230	NBR2	17
NCALD	83988	NCALD	8
NCAM2	4685	NCAM2	21
NCAPD2	9918	NCAPD2	12
NCAPD3	23310	NCAPD3	11
NCAPG	64151	NCAPG	4
NCAPG2	54892	NCAPG2	7
NCAPH	23397	NCAPH	2
NCAPH2	29781	NCAPH2	22
NCBP1	4686	NCBP1	9
NCBP2	22916	NCBP2	3
NCCRP1	342897	NCCRP1	19
NCDN	23154	NCDN	1
NCF1	653361	NCF1	7
NCF1B	654816	NCF1B	7
NCF1C	654817	NCF1C	7
NCF2	4688	NCF2	1
NCF4	4689	NCF4	22
NCK1	4690	NCK1	3
NCK2	8440	NCK2	2
NCKAP1	10787	NCKAP1	2
NCKAP1L	3071	NCKAP1L	12
NCKIPSD	51517	NCKIPSD	3
NCL	4691	NCL	2
NCLN	56926	NCLN	19
NCOA1	8648	NCOA1	2
NCOA2	10499	NCOA2	8
NCOA3	8202	NCOA3	20
NCOA4	8031	NCOA4	10
NCOA5	57727	NCOA5	20
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NHLRC2	374354	NHLRC2	10
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NUMA1	4926	NUMA1	11
NUMB	8650	NUMB	14
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NUP93	9688	NUP93	16
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NUPL1	9818	NUPL1	13
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NUPR1	26471	NUPR1	16
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NXT2	55916	NXT2	X
NYNRIN	57523	NYNRIN	14
NYX	60506	NYX	X
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OAS3	4940	OAS3	12
OASL	8638	OASL	12
OAT	4942	OAT	10
OAZ1	4946	OAZ1	19
OAZ2	4947	OAZ2	15
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OBFC2B	79035	OBFC2B	12
OBSCN	84033	OBSCN	1
OCA2	4948	OCA2	15
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OCIAD2	132299	OCIAD2	4
OCRL	4952	OCRL	X
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ODF1	4956	ODF1	8
ODF2	4957	ODF2	9
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OGFOD2	79676	OGFOD2	12
OGFR	11054	OGFR	20
OGFRL1	79627	OGFRL1	6
OGG1	4968	OGG1	3
OGT	8473	OGT	X
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OLAH	55301	OLAH	10
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OLIG2	10215	OLIG2	21
OLR1	4973	OLR1	12
OMA1	115209	OMA1	1
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ONECUT2	9480	ONECUT2	18
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OPTN	10133	OPTN	10
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OR14I1	401994	OR14I1	1
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OR2H2	7932	OR2H2	6
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OR4D1	26689	OR4D1	17
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OR7E24	26648	OR7E24	19
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OR7G2	390882	OR7G2	19
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ORMDL3	94103	ORMDL3	17
OS9	10956	OS9	12
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OSBPL6	114880	OSBPL6	2
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OSCAR	126014	OSCAR	19
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OSR1	130497	OSR1	2
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OSTALPHA	200931	OSTalpha	3
OSTC	58505	OSTC	4
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OSTM1	28962	OSTM1	6
OTOG	340990	OTOG	
OTP	23440	OTP	5
OTUB1	55611	OTUB1	11
OTUD1	220213	OTUD1	
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OTX1	5013	OTX1	2
OVGP1	5016	OVGP1	1
OVOL2	58495	OVOL2	20
OVOS2	144203	OVOS2	
OXA1L	5018	OXA1L	14
OXCT1	5019	OXCT1	5
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OXNAD1	92106	OXNAD1	3
OXR1	55074	OXR1	8
OXSM	54995	OXSM	3
OXSR1	9943	OXSR1	3
OXTR	5021	OXTR	3
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P2RX1	5023	P2RX1	17
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P2RX5	5026	P2RX5	17

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P2RX7	5027	P2RX7	12
P2RY10	27334	P2RY10	X
P2RY11	5032	P2RY11	19
P2RY12	64805	P2RY12	3
P2RY8	286530	P2RY8	Y
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PCNP	57092	PCNP	3
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PER3	8863	PER3	1
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PHKG1	5260	PHKG1	7
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PHLPP2	23035	PHLPP2	16
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PI4KAP1	728233	PI4KAP1	22
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PINX1	54984	PINX1	8
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PLA2G15	23659	PLA2G15	16
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PLK4	10733	PLK4	4
PLLP	51090	PLLP	16
PLOD1	5351	PLOD1	1
PLOD3	8985	PLOD3	7
PLP2	5355	PLP2	X
PLRG1	5356	PLRG1	4
PLS1	5357	PLS1	3
PLSCR1	5359	PLSCR1	3
PLSCR3	57048	PLSCR3	17
PLSCR5	389158	PLSCR5	
PLTP	5360	PLTP	20
PLXNA1	5361	PLXNA1	3
PLXNA3	55558	PLXNA3	X
PLXNB2	23654	PLXNB2	22
PLXNB3	5365	PLXNB3	X
PLXND1	23129	PLXND1	3
PM20D2	135293	PM20D2	6

PMAIP1	5366	PMAIP1	18
PMEPA1	56937	PMEPA1	20
PMF1	11243	PMF1	1
PML	5371	PML	15
PMM1	5372	PMM1	22
PMM2	5373	PMM2	16
PMP22	5376	PMP22	17
PMPCA	23203	PMPCA	9
PMPCB	9512	PMPCB	7
PMS1	5378	PMS1	2
PMS2	5395	PMS2	7
PMS2CL	441194	PMS2CL	
PMS2L1	5379	PMS2L1	
PMS2L3	5387	PMS2L3	7
PMS2L4	5382	PMS2L4	7
PMS2L5	5383	PMS2L5	7
PMVK	10654	PMVK	1
PNCK	139728	PNCK	X
PNKD	25953	PNKD	2
PNKP	11284	PNKP	19
PNMA1	9240	PNMA1	14
PNMA2	10687	PNMA2	8
PNMA3	29944	PNMA3	X
PNMA6A	84968	PNMA6A	X
PNMAL1	55228	PNMAL1	19
PNN	5411	PNN	14
PNO1	56902	PNO1	2
PNOC	5368	PNOC	8
PNPLA2	57104	PNPLA2	11
PNPLA4	8228	PNPLA4	X
PNPLA6	10908	PNPLA6	19
PNPLA7	375775	PNPLA7	9
PNPLA8	50640	PNPLA8	7
PNPO	55163	PNPO	17
PNPT1	87178	PNPT1	2
PNRC1	10957	PNRC1	6
PNRC2	55629	PNRC2	1
PODXL	5420	PODXL	7
PODXL2	50512	PODXL2	3
POF1B	79983	POF1B	X
POFUT1	23509	POFUT1	20
POFUT2	23275	POFUT2	21
POGK	57645	POGK	1
POL3S	339105	POL3S	16

POLA1	5422	POLA1	X
POLA2	23649	POLA2	11
POLB	5423	POLB	8
POLD1	5424	POLD1	19
POLD2	5425	POLD2	7
POLD3	10714	POLD3	11
POLD4	57804	POLD4	11
POLDIP2	26073	POLDIP2	17
POLDIP3	84271	POLDIP3	22
POLE	5426	POLE	12
POLE2	5427	POLE2	14
POLE3	54107	POLE3	9
POLE4	56655	POLE4	2
POLG	5428	POLG	15
POLG2	11232	POLG2	17
POLH	5429	POLH	6
POLI	11201	POLI	18
POLL	27343	POLL	10
POLM	27434	POLM	7
POLQ	10721	POLQ	3
POLR1A	25885	POLR1A	2
POLR1B	84172	POLR1B	2
POLR1C	9533	POLR1C	6
POLR1D	51082	POLR1D	13
POLR1E	64425	POLR1E	9
POLR2A	5430	POLR2A	17
POLR2B	5431	POLR2B	4
POLR2C	5432	POLR2C	16
POLR2D	5433	POLR2D	2
POLR2E	5434	POLR2E	19
POLR2F	5435	POLR2F	22
POLR2G	5436	POLR2G	11
POLR2H	5437	POLR2H	3
POLR2I	5438	POLR2I	19
POLR2J	5439	POLR2J	7
POLR2J2	246721	POLR2J2	7
POLR2J3	548644	POLR2J3	7
POLR2K	5440	POLR2K	8
POLR2L	5441	POLR2L	11
POLR3B	55703	POLR3B	12
POLR3C	10623	POLR3C	1
POLR3D	661	POLR3D	8
POLR3E	55718	POLR3E	16
POLR3F	10621	POLR3F	20

POLR3G	10622	POLR3G	5
POLR3GL	84265	POLR3GL	1
POLR3H	171568	POLR3H	22
POLR3K	51728	POLR3K	16
POLRMT	5442	POLRMT	19
POLS	11044	POLS	5
POM121C	100101267	POM121C	7
POM121L4P	266697	POM121L4P	22
POMC	5443	POMC	2
POMGNT1	55624	POMGNT1	1
POMP	51371	POMP	13
POMT1	10585	POMT1	9
POMT2	29954	POMT2	14
PON2	5445	PON2	7
POP1	10940	POP1	8
POP4	10775	POP4	19
POP5	51367	POP5	12
POP7	10248	POP7	7
POPDC2	64091	POPDC2	3
POR	5447	POR	7
PORCN	64840	PORCN	X
POT1	25913	POT1	7
POTE2	445582	POTE2	2
POTEE	445582	POTEE	2
POTEF	728378	POTEF	2
POU2AF1	5450	POU2AF1	11
POU2F1	5451	POU2F1	1
POU2F2	5452	POU2F2	19
POU3F1	5453	POU3F1	1
POU3F2	5454	POU3F2	6
POU4F1	5457	POU4F1	13
POU5F1P1	5462	POU5F1P1	8
PPA1	5464	PPA1	10
PPA2	27068	PPA2	4
PPAN	56342	PPAN	19
PPAN-P2RY11	692312	PPAN-P2RY11	19
PPAP2A	8611	PPAP2A	5
PPAPDC1A	196051	PPAPDC1A	10
PPAPDC1B	84513	PPAPDC1B	8
PPAPDC2	403313	PPAPDC2	9
PPAPDC3	84814	PPAPDC3	9
PPARA	5465	PPARA	22
PPARD	5467	PPARD	6
PPARGC1B	133522	PPARGC1B	5

PPAT	5471	PPAT	4
PPCS	79717	PPCS	1
PPDPF	79144	PPDPF	20
PPFIA1	8500	PPFIA1	11
PPFIA3	8541	PPFIA3	19
PPFIA4	8497	PPFIA4	1
PPFIBP1	8496	PPFIBP1	12
PPFIBP2	8495	PPFIBP2	11
PPHLN1	51535	PPHLN1	12
PPIA	5478	PPIA	7
PPIAL4A	164022	PPIAL4A	1
PPIAL4C	653598	PPIAL4C	
PPIAP19	390006	PPIAP19	
PPIB	5479	PPIB	15
PPIC	5480	PPIC	5
PPIE	10450	PPIE	1
PPIF	10105	PPIF	10
PPIG	9360	PPIG	2
PPIH	10465	PPIH	1
PPIL1	51645	PPIL1	6
PPIL2	23759	PPIL2	22
PPIL3	53938	PPIL3	2
PPIL5	122769	PPIL5	14
PPIL6	285755	PPIL6	6
PPL	5493	PPL	16
PPM1B	5495	PPM1B	2
PPM1D	8493	PPM1D	17
PPM1E	22843	PPM1E	17
PPM1H	57460	PPM1H	12
PPM1J	333926	PPM1J	1
PPM1K	152926	PPM1K	4
PPM1M	132160	PPM1M	3
PPM2C	54704	PPM2C	8
PPME1	51400	PPME1	11
PPOX	5498	PPOX	1
PPP1CA	5499	PPP1CA	11
PPP1CB	5500	PPP1CB	2
PPP1CC	5501	PPP1CC	12
PPP1R10	5514	PPP1R10	6
PPP1R11	6992	PPP1R11	6
PPP1R12A	4659	PPP1R12A	12
PPP1R12B	4660	PPP1R12B	1
PPP1R12C	54776	PPP1R12C	19
PPP1R13B	23368	PPP1R13B	14

PPP1R13L	10848	PPP1R13L	19
PPP1R14A	94274	PPP1R14A	19
PPP1R14B	26472	PPP1R14B	11
PPP1R14C	81706	PPP1R14C	6
PPP1R15A	23645	PPP1R15A	19
PPP1R15B	84919	PPP1R15B	1
PPP1R16A	84988	PPP1R16A	8
PPP1R16B	26051	PPP1R16B	20
PPP1R1B	84152	PPP1R1B	17
PPP1R1C	151242	PPP1R1C	2
PPP1R2	5504	PPP1R2	3
PPP1R2P3	153743	PPP1R2P3	5
PPP1R3B	79660	PPP1R3B	8
PPP1R3D	5509	PPP1R3D	20
PPP1R3E	90673	PPP1R3E	14
PPP1R3F	89801	PPP1R3F	X
PPP1R7	5510	PPP1R7	2
PPP1R8	5511	PPP1R8	1
PPP2CA	5515	PPP2CA	5
PPP2CB	5516	PPP2CB	8
PPP2R1A	5518	PPP2R1A	19
PPP2R1B	5519	PPP2R1B	11
PPP2R2D	55844	PPP2R2D	10
PPP2R3B	28227	PPP2R3B	Y
PPP2R3C	55012	PPP2R3C	14
PPP2R4	5524	PPP2R4	9
PPP2R5A	5525	PPP2R5A	1
PPP2R5B	5526	PPP2R5B	11
PPP2R5C	5527	PPP2R5C	14
PPP2R5D	5528	PPP2R5D	6
PPP2R5E	5529	PPP2R5E	14
PPP3CA	5530	PPP3CA	4
PPP3CB	5532	PPP3CB	10
PPP3CC	5533	PPP3CC	8
PPP3R1	5534	PPP3R1	2
PPP4C	5531	PPP4C	16
PPP4R1	9989	PPP4R1	18
PPP4R4	57718	PPP4R4	14
PPP5C	5536	PPP5C	19
PPP6C	5537	PPP6C	9
PPPDE1	51029	PPPDE1	1
PPPDE2	27351	PPPDE2	22
PPRC1	23082	PPRC1	10
PPT1	5538	PPT1	1

PPTC7	160760	PPTC7	12
PPWD1	23398	PPWD1	5
PPY	5539	PPY	17
PQBP1	10084	PQBP1	X
PQLC1	80148	PQLC1	18
PQLC3	130814	PQLC3	2
PRAF2	11230	PRAF2	X
PRAGMIN	157285	PRAGMIN	8
PRAME	23532	PRAME	22
PRAMEF4	400735	PRAMEF4	1
PRAMEF9	343070	PRAMEF9	1
PRB3	5544	PRB3	12
PRB4	5545	PRB4	12
PRC1	9055	PRC1	15
PRCC	5546	PRCC	1
PRCP	5547	PRCP	11
PRDM1	639	PRDM1	6
PRDM10	56980	PRDM10	11
PRDM15	63977	PRDM15	21
PRDM4	11108	PRDM4	12
PRDM7	11105	PRDM7	16
PRDM8	56978	PRDM8	4
PRDX1	5052	PRDX1	1
PRDX2	7001	PRDX2	19
PRDX3	10935	PRDX3	10
PRDX4	10549	PRDX4	X
PRDX5	25824	PRDX5	11
PRDX6	9588	PRDX6	1
PREB	10113	PREB	2
PREI3	25843	PREI3	2
PRELID1	27166	PRELID1	5
PRELP	5549	PRELP	1
PREP	5550	PREP	6
PREPL	9581	PREPL	2
PREX1	57580	PREX1	20
PRF1	5551	PRF1	10
PRG2	5553	PRG2	11
PRG4	10216	PRG4	1
PRIC285	85441	PRIC285	20
PRICKLE1	144165	PRICKLE1	12
PRICKLE2	166336	PRICKLE2	3
PRICKLE4	29964	PRICKLE4	6
PRIM1	5557	PRIM1	12
PRIM2	5558	PRIM2	6

PRIM2A	5558	PRIM2A	
PRKAA1	5562	PRKAA1	5
PRKAB1	5564	PRKAB1	12
PRKAB2	5565	PRKAB2	1
PRKACB	5567	PRKACB	1
PRKAG1	5571	PRKAG1	12
PRKAG2	51422	PRKAG2	7
PRKAR1A	5573	PRKAR1A	17
PRKAR1B	5575	PRKAR1B	7
PRKAR2B	5577	PRKAR2B	7
PRKCA	5578	PRKCA	17
PRKCABP	9463	PRKCABP	22
PRKCB	5579	PRKCB	16
PRKCB1	5579	PRKCB1	16
PRKCD	5580	PRKCD	3
PRKCE	5581	PRKCE	2
PRKCH	5583	PRKCH	14
PRKCI	5584	PRKCI	3
PRKCQ	5588	PRKCQ	10
PRKCSH	5589	PRKCSH	19
PRKCZ	5590	PRKCZ	1
PRKD1	5587	PRKD1	14
PRKD2	25865	PRKD2	19
PRKD3	23683	PRKD3	2
PRKDC	5591	PRKDC	8
PRKRA	8575	PRKRA	2
PRKRIR	5612	PRKRIR	11
PRKX	5613	PRKX	X
PRKY	5616	PRKY	Y
PRL	5617	PRL	6
PRLH	51052	PRLH	2
PRM1	5619	PRM1	16
PRMT1	3276	PRMT1	19
PRMT10	90826	PRMT10	4
PRMT2	3275	PRMT2	21
PRMT3	10196	PRMT3	11
PRMT5	10419	PRMT5	14
PRMT6	55170	PRMT6	1
PRMT7	54496	PRMT7	16
PRMT8	56341	PRMT8	12
PRNP	5621	PRNP	20
PRNPIP	79033	PRNPIP	
PROC	5624	PROC	2
PROCA1	147011	PROCA1	17

PROCR	10544	PROCR	20
PROK1	84432	PROK1	1
PROK2	60675	PROK2	3
PROL1	58503	PROL1	4
PROM1	8842	PROM1	4
PROS1	5627	PROS1	3
PROSAPIP1	9762	ProSAPiP1	20
PROSC	11212	PROSC	8
PROX2	283571	PROX2	14
PRPF18	8559	PRPF18	10
PRPF19	27339	PRPF19	11
PRPF3	9129	PRPF3	1
PRPF31	26121	PRPF31	19
PRPF38A	84950	PRPF38A	1
PRPF38B	55119	PRPF38B	1
PRPF4	9128	PRPF4	9
PRPF4B	8899	PRPF4B	6
PRPF6	24148	PRPF6	20
PRPF8	10594	PRPF8	17
PRPH	5630	PRPH	12
PRPS1	5631	PRPS1	X
PRPS2	5634	PRPS2	X
PRPSAP1	5635	PRPSAP1	17
PRPSAP2	5636	PRPSAP2	17
PRR10	283165	PRR10	11
PRR11	55771	PRR11	17
PRR12	57479	PRR12	19
PRR13	54458	PRR13	12
PRR14	78994	PRR14	16
PRR15L	79170	PRR15L	17
PRR16	51334	PRR16	5
PRR17	284739	PRR17	20
PRR19	284338	PRR19	19
PRR20C	729240	PRR20C	13
PRR20E	729250	PRR20E	13
PRR22	163154	PRR22	19
PRR3	80742	PRR3	6
PRR4	11272	PRR4	12
PRR5	55615	PRR5	22
PRR7	80758	PRR7	5
PRR8	92454	PRR8	7
PRRC1	133619	PRRC1	5
PRRG2	5639	PRRG2	19
PRRG4	79056	PRRG4	11

PRRT1	80863	PRRT1	6
PRRT2	112476	PRRT2	16
PRRT3	285368	PRRT3	3
PRRX2	51450	PRRX2	9
PRSS12	8492	PRSS12	4
PRSS21	10942	PRSS21	16
PRSS35	167681	PRSS35	6
PRSS7	5651	PRSS7	21
PRUNE	58497	PRUNE	1
PRY	9081	PRY	Y
PSAP	5660	PSAP	10
PSAPL1	768239	PSAPL1	4
PSCA	8000	PSCA	8
PSCD1	9267	PSCD1	17
PSCD2	9266	PSCD2	19
PSCD4	27128	PSCD4	22
PSCDBP	9595	PSCDBP	2
PSD	5662	PSD	10
PSD3	23362	PSD3	8
PSD4	23550	PSD4	2
PSEN2	5664	PSEN2	1
PSENEN	55851	PSENEN	19
PSG2	5670	PSG2	19
PSG3	5671	PSG3	19
PSIP1	11168	PSIP1	9
PSITPTE22	387590	psiTPTE22	22
PSKH1	5681	PSKH1	16
PSMA1	5682	PSMA1	11
PSMA2	5683	PSMA2	7
PSMA3	5684	PSMA3	14
PSMA4	5685	PSMA4	15
PSMA5	5686	PSMA5	1
PSMA6	5687	PSMA6	14
PSMA7	5688	PSMA7	20
PSMA8	143471	PSMA8	18
PSMB10	5699	PSMB10	16
PSMB2	5690	PSMB2	1
PSMB3	5691	PSMB3	17
PSMB4	5692	PSMB4	1
PSMB5	5693	PSMB5	14
PSMB6	5694	PSMB6	17
PSMB7	5695	PSMB7	9
PSMB8	5696	PSMB8	6
PSMB9	5698	PSMB9	6

PSMC1	5700	PSMC1	14
PSMC2	5701	PSMC2	7
PSMC3	5702	PSMC3	11
PSMC3IP	29893	PSMC3IP	17
PSMC4	5704	PSMC4	19
PSMC5	5705	PSMC5	17
PSMC6	5706	PSMC6	14
PSMD1	5707	PSMD1	2
PSMD10	5716	PSMD10	X
PSMD11	5717	PSMD11	17
PSMD12	5718	PSMD12	
PSMD14	10213	PSMD14	2
PSMD2	5708	PSMD2	3
PSMD3	5709	PSMD3	17
PSMD4	5710	PSMD4	1
PSMD5	5711	PSMD5	9
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PSMD7	5713	PSMD7	16
PSMD8	5714	PSMD8	19
PSMD9	5715	PSMD9	12
PSME1	5720	PSME1	14
PSME2	5721	PSME2	14
PSME3	10197	PSME3	17
PSMF1	9491	PSMF1	20
PSMG1	8624	PSMG1	21
PSMG2	56984	PSMG2	18
PSMG3	84262	PSMG3	7
PSMG4	389362	PSMG4	6
PSORS1C1	170679	PSORS1C1	6
PSORS1C3	100130889	PSORS1C3	6
PSPC1	55269	PSPC1	13
PSPH	5723	PSPH	7
PSRC1	84722	PSRC1	1
PSTK	118672	PSTK	10
PSTPIP1	9051	PSTPIP1	15
PSTPIP2	9050	PSTPIP2	18
PTAFR	5724	PTAFR	1
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PTBP1	5725	PTBP1	19
PTBP2	58155	PTBP2	1
PTCD1	26024	PTCD1	7
PTCD2	79810	PTCD2	5
PTCD3	55037	PTCD3	2
PTCH1	5727	PTCH1	9

PTCRA	171558	PTCRA	6
PTDSS1	9791	PTDSS1	8
PTDSS2	81490	PTDSS2	11
PTEN	5728	PTEN	10
PTF1A	256297	PTF1A	10
PTGDS	5730	PTGDS	9
PTGER4	5734	PTGER4	5
PTGES	9536	PTGES	9
PTGES2	80142	PTGES2	9
PTGES3	10728	PTGES3	12
PTGFR	5737	PTGFR	1
PTGIS	5740	PTGIS	20
PTGR1	22949	PTGR1	9
PTGS1	5742	PTGS1	9
PTH2	113091	PTH2	19
PTH2R	5746	PTH2R	2
PTK2	5747	PTK2	8
PTK2B	2185	PTK2B	8
PTK7	5754	PTK7	6
PTK9	5756	PTK9	12
PTMA	5757	PTMA	2
PTMS	5763	PTMS	12
PTOV1	53635	PTOV1	19
PTP4A2	8073	PTP4A2	
PTP4A3	11156	PTP4A3	
PTPLA	9200	PTPLA	10
PTPLAD1	51495	PTPLAD1	15
PTPLB	201562	PTPLB	3
PTPMT1	114971	PTPMT1	11
PTPN1	5770	PTPN1	20
PTPN11	5781	PTPN11	12
PTPN12	5782	PTPN12	7
PTPN18	26469	PTPN18	2
PTPN2	5771	PTPN2	18
PTPN20	26095	PTPN20	
PTPN21	11099	PTPN21	14
PTPN22	26191	PTPN22	1
PTPN3	5774	PTPN3	9
PTPN4	5775	PTPN4	2
PTPN6	5777	PTPN6	12
PTPN7	5778	PTPN7	1
PTPN9	5780	PTPN9	
PTPRA	5786	PTPRA	20
PTPRC	5788	PTPRC	1

PTPRCAP	5790	PTPRCAP	11
PTPRE	5791	PTPRE	10
PTPRF	5792	PTPRF	1
PTPRG	5793	PTPRG	3
PTPRH	5794	PTPRH	19
PTPRJ	5795	PTPRJ	11
PTPRO	5800	PTPRO	12
PTPRU	10076	PTPRU	1
PTPRV	148713	PTPRV	1
PTRF	284119	PTRF	17
PTRH1	138428	PTRH1	9
PTRH2	51651	PTRH2	17
PTS	5805	PTS	11
PTTG1	9232	PTTG1	5
PTTG1IP	754	PTTG1IP	21
PTTG3P	26255	PTTG3P	8
PUF60	22827	PUF60	8
PUM1	9698	PUM1	1
PUM2	23369	PUM2	2
PURA	5813	PURA	5
PURB	5814	PURB	7
PUS1	80324	PUS1	12
PUS10	150962	PUS10	2
PUS3	83480	PUS3	11
PUS7	54517	PUS7	7
PUS7L	83448	PUS7L	12
PUSL1	126789	PUSL1	1
PVR	5817	PVR	19
PVRIG	79037	PVRIG	7
PVRL2	5819	PVRL2	19
PVRL3	25945	PVRL3	3
PVT1	5820	PVT1	8
PWP1	11137	PWP1	12
PWP2	5822	PWP2	21
PWWP2	170394	PWWP2	
PWWP2A	114825	PWWP2A	5
PWWP2B	170394	PWWP2B	10
PXDN	7837	PXDN	2
PXK	54899	PXK	3
PXMP2	5827	PXMP2	
PXMP3	5828	PXMP3	8
PXMP4	11264	PXMP4	20
PXN	5829	PXN	12
PYCARD	29108	PYCARD	16

PYCR1	5831	PYCR1	17
PYCR2	29920	PYCR2	1
PYCRL	65263	PYCRL	8
PYDC2	152138	PYDC2	3
PYGB	5834	PYGB	20
PYGL	5836	PYGL	14
PYGO1	26108	PYGO1	15
PYGO2	90780	PYGO2	1
PYHIN1	149628	PYHIN1	1
PYROXD1	79912	PYROXD1	12
PZP	5858	PZP	12
QARS	5859	QARS	3
QDPR	5860	QDPR	4
QKI	9444	QKI	
QPCT	25797	QPCT	2
QPCTL	54814	QPCTL	19
QPRT	23475	QPRT	16
QRFPR	84109	QRFPR	4
QRICH1	54870	QRICH1	3
QRICH2	84074	QRICH2	17
QRSL1	55278	QRSL1	6
QSOX1	5768	QSOX1	1
QSOX2	169714	QSOX2	9
QTRT1	81890	QTRT1	19
QTRTD1	79691	QTRTD1	3
R3HCC1	203069	R3HCC1	
R3HDM1	23518	R3HDM1	2
R3HDM2	22864	R3HDM2	12
RAB10	10890	RAB10	2
RAB11A	8766	RAB11A	15
RAB11B	9230	RAB11B	19
RAB11FIP1	80223	RAB11FIP1	8
RAB11FIP2	22841	RAB11FIP2	10
RAB11FIP3	9727	RAB11FIP3	16
RAB11FIP4	84440	RAB11FIP4	17
RAB11FIP5	26056	RAB11FIP5	2
RAB12	201475	RAB12	18
RAB13	5872	RAB13	1
RAB15	376267	RAB15	14
RAB17	64284	RAB17	2
RAB1A	5861	RAB1A	2
RAB1B	81876	RAB1B	11
RAB1C	389721	rab1c	9
RAB20	55647	RAB20	13

RAB21	23011	RAB21	12
RAB22A	57403	RAB22A	20
RAB23	51715	RAB23	6
RAB24	53917	RAB24	5
RAB25	57111	RAB25	1
RAB26	25837	RAB26	16
RAB28	9364	RAB28	4
RAB2B	84932	RAB2B	14
RAB30	27314	RAB30	11
RAB31	11031	RAB31	18
RAB33A	9363	RAB33A	X
RAB33B	83452	RAB33B	4
RAB34	83871	RAB34	17
RAB37	326624	RAB37	17
RAB38	23682	RAB38	11
RAB39B	116442	RAB39B	X
RAB3A	5864	RAB3A	19
RAB3B	5865	RAB3B	1
RAB3C	115827	RAB3C	5
RAB3D	9545	RAB3D	19
RAB3GAP2	25782	RAB3GAP2	1
RAB3IP	117177	RAB3IP	12
RAB40B	10966	RAB40B	17
RAB40C	57799	RAB40C	16
RAB42	115273	RAB42	1
RAB43	339122	RAB43	3
RAB4A	5867	RAB4A	1
RAB4B	53916	RAB4B	
RAB5A	5868	RAB5A	3
RAB5B	5869	RAB5B	12
RAB5C	5878	RAB5C	17
RAB6A	5870	RAB6A	11
RAB6B	51560	RAB6B	3
RAB7A	7879	RAB7A	3
RAB7L1	8934	RAB7L1	1
RAB8A	4218	RAB8A	19
RAB8B	51762	RAB8B	15
RAB9A	9367	RAB9A	X
RABAC1	10567	RABAC1	19
RABEP1	9135	RABEP1	17
RABEP2	79874	RABEP2	16
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RABGAP1	23637	RABGAP1	9
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RABGGTA	5875	RABGGTA	14
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RABL2B	11158	RABL2B	22
RABL3	285282	RABL3	3
RABL4	11020	RABL4	22
RABL5	64792	RABL5	7
RAC1	5879	RAC1	7
RAC2	5880	RAC2	22
RAC3	5881	RAC3	17
RACGAP1	29127	RACGAP1	12
RAD1	5810	RAD1	5
RAD17	5884	RAD17	5
RAD18	56852	RAD18	3
RAD21	5885	RAD21	8
RAD23A	5886	RAD23A	19
RAD23B	5887	RAD23B	9
RAD51	5888	RAD51	15
RAD51AP1	10635	RAD51AP1	12
RAD51AP2	729475	RAD51AP2	2
RAD51C	5889	RAD51C	17
RAD51L3	5892	RAD51L3	17
RAD54B	25788	RAD54B	8
RAD54L	8438	RAD54L	1
RAD54L2	23132	RAD54L2	3
RAD9A	5883	RAD9A	11
RADIL	55698	RADIL	7
RAE1	8480	RAE1	20
RAET1E	135250	RAET1E	6
RAET1G	353091	RAET1G	6
RAF1	5894	RAF1	3
RAG1	5896	RAG1	11
RAG1AP1	55974	RAG1AP1	1
RAGE	5891	RAGE	14
RAI1	10743	RAI1	17
RAI2	10742	RAI2	X
RALA	5898	RALA	7
RALB	5899	RALB	2
RALBP1	10928	RALBP1	18
RALGAPA1	253959	RALGAPA1	14
RALGAPB	57148	RALGAPB	20
RALGPS1	9649	RALGPS1	9
RALGPS2	55103	RALGPS2	1

RALY	22913	RALY	20
RAMP1	10267	RAMP1	2
RAMP2	10266	RAMP2	17
RAMP3	10268	RAMP3	7
RAN	5901	RAN	12
RANBP1	5902	RANBP1	22
RANBP10	57610	RANBP10	16
RANBP2	5903	RANBP2	2
RANBP3	8498	RANBP3	19
RANBP3L	202151	RANBP3L	5
RANBP6	26953	RANBP6	9
RANGAP1	5905	RANGAP1	22
RANGRF	29098	RANGRF	17
RAP1B	5908	RAP1B	12
RAP1BL	643752	RAP1BL	
RAP1GAP	5909	RAP1GAP	1
RAP2A	5911	RAP2A	13
RAP2C	57826	RAP2C	X
RAPGEF1	2889	RAPGEF1	9
RAPGEF2	9693	RAPGEF2	4
RAPGEF5	9771	RAPGEF5	7
RAPGEF6	51735	RAPGEF6	5
RAPGEFL1	51195	RAPGEFL1	17
RARA	5914	RARA	17
RARRES3	5920	RARRES3	11
RARS	5917	RARS	5
RARS2	57038	RARS2	6
RASA1	5921	RASA1	5
RASA2	5922	RASA2	3
RASA4	10156	RASA4	7
RASAL1	8437	RASAL1	12
RASAL3	64926	RASAL3	19
RASD1	51655	RASD1	17
RASD2	23551	RASD2	22
RASGEF1B	153020	RASGEF1B	4
RASGRP1	10125	RASGRP1	15
RASGRP2	10235	RASGRP2	11
RASGRP3	25780	RASGRP3	2
RASIP1	54922	RASIP1	19
RASL10A	10633	RASL10A	22
RASL10B	91608	RASL10B	17
RASL11A	387496	RASL11A	13
RASL11B	65997	RASL11B	4
RASSF1	11186	RASSF1	3

RASSF2	9770	RASSF2	20
RASSF3	283349	RASSF3	12
RASSF4	83937	RASSF4	10
RASSF5	83593	RASSF5	1
RASSF6	166824	RASSF6	4
RASSF7	8045	RASSF7	11
RAVER1	125950	RAVER1	19
RAVER2	55225	RAVER2	1
RAX	30062	RAX	18
RAXL1	84839	RAXL1	19
RB1	5925	RB1	13
RB1CC1	9821	RB1CC1	8
RBAK	57786	RBAK	7
RBBP4	5928	RBBP4	1
RBBP5	5929	RBBP5	1
RBBP6	5930	RBBP6	16
RBBP7	5931	RBBP7	X
RBBP8	5932	RBBP8	18
RBBP9	10741	RBBP9	20
RBCK1	10616	RBCK1	
RBED1	84173	RBED1	2
RBKS	64080	RBKS	2
RBL1	5933	RBL1	20
RBL2	5934	RBL2	16
RBM	650805	RBM	
RBM10	8241	RBM10	X
RBM11	54033	RBM11	21
RBM12	10137	RBM12	20
RBM12B	389677	RBM12B	8
RBM14	10432	RBM14	11
RBM15	64783	RBM15	1
RBM15B	29890	RBM15B	3
RBM16	22828	RBM16	6
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RBM18	92400	RBM18	9
RBM19	9904	RBM19	
RBM20	282996	RBM20	
RBM22	55696	RBM22	5
RBM23	55147	RBM23	14
RBM24	221662	RBM24	6
RBM25	58517	RBM25	14
RBM26	64062	RBM26	13
RBM27	54439	RBM27	5
RBM28	55131	RBM28	7

RBM3	5935	RBM3	X
RBM33	155435	RBM33	7
RBM34	23029	RBM34	1
RBM38	55544	RBM38	20
RBM39	9584	RBM39	20
RBM4	5936	RBM4	11
RBM41	55285	RBM41	X
RBM42	79171	RBM42	19
RBM45	129831	RBM45	2
RBM47	54502	RBM47	4
RBM4B	83759	RBM4B	11
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RBM6	10180	RBM6	3
RBM7	10179	RBM7	11
RBM8A	9939	RBM8A	1
RBM9	23543	RBM9	22
RBMS1	5937	RBMS1	2
RBMS2	5939	RBMS2	12
RBMS2P	643427	RBMS2P	
RBMX	27316	RBMX	X
RBMX2	51634	RBMX2	X
RBMY1E	378950	RBMY1E	Y
RBMY2FP	159162	RBMY2FP	Y
RBMY3AP	64593	RBMY3AP	Y
RBP4	5950	RBP4	10
RBP5	83758	RBP5	12
RBP7	116362	RBP7	1
RBPJ	3516	RBPJ	4
RBPMS2	348093	RBPMS2	15
RBX1	9978	RBX1	22
RC3H2	54542	RC3H2	9
RCADH5	642443	RCADH5	6
RCAN1	1827	RCAN1	21
RCAN2	10231	RCAN2	6
RCAN3	11123	RCAN3	1
RCBTB1	55213	RCBTB1	13
RCBTB2	1102	RCBTB2	13
RCC1	1104	RCC1	1
RCC2	55920	RCC2	1
RCCD1	91433	RCCD1	15
RCE1	9986	RCE1	11
RCHY1	25898	RCHY1	4
RCL1	10171	RCL1	9
RCN3	57333	RCN3	19

RCOR1	23186	RCOR1	14
RCOR2	283248	RCOR2	11
RCOR3	55758	RCOR3	1
RCP9	27297	RCP9	7
RCSD1	92241	RCSD1	1
RDBP	7936	RDBP	6
RDH10	157506	RDH10	8
RDH11	51109	RDH11	14
RDH13	112724	RDH13	19
RDH5	5959	RDH5	12
RDH8	50700	RDH8	19
RDM1	201299	RDM1	17
RDX	5962	RDX	11
REC8	9985	REC8	14
RECK	8434	RECK	9
RECQL	5965	RECQL	12
RECQL4	9401	RECQL4	8
RECQL5	9400	RECQL5	17
REEP1	65055	REEP1	2
REEP2	51308	REEP2	5
REEP3	221035	REEP3	10
REEP4	80346	REEP4	8
REEP5	7905	REEP5	5
REEP6	92840	REEP6	19
REL	5966	REL	2
RELA	5970	RELA	11
RELB	5971	RELB	19
RELL1	768211	RELL1	4
RELL2	285613	RELL2	5
REM2	161253	REM2	14
RENBP	5973	RENBP	X
REP15	387849	REP15	12
REPIN1	29803	REPIN1	7
REPS2	9185	REPS2	X
RER1	11079	RER1	1
RERE	473	RERE	1
RERG	85004	RERG	12
RERGL	79785	RERGL	12
RETSAT	54884	RETSAT	2
REV1	51455	REV1	2
REV3L	5980	REV3L	6
REXO1	57455	REXO1	19
REXO2	25996	REXO2	11
REXO4	57109	REXO4	9

RFC1	5981	RFC1	4
RFC2	5982	RFC2	7
RFC3	5983	RFC3	13
RFC4	5984	RFC4	3
RFC5	5985	RFC5	12
RFESD	317671	RFESD	5
RFFL	117584	RFFL	17
RFNG	5986	RFNG	17
RFP	5987	RFP	6
RFPL2	10739	RFPL2	22
RFPL3S	10737	RFPL3S	22
RFPL4A	342931	RFPL4A	
RFT1	91869	RFT1	3
RFTN1	23180	RFTN1	3
RFWD2	64326	RFWD2	1
RFWD3	55159	RFWD3	16
RFX1	5989	RFX1	19
RFX2	5990	RFX2	19
RFX3	5991	RFX3	9
RFX5	5993	RFX5	1
RFX7	64864	RFX7	15
RFXANK	8625	RFXANK	19
RFXDC2	64864	RFXDC2	
RG9MTD2	93587	RG9MTD2	4
RG9MTD3	158234	RG9MTD3	9
RGAG4	340526	RGAG4	X
RGL1	23179	RGL1	1
RGL2	5863	RGL2	6
RGL4	266747	RGL4	22
RGMA	56963	RGMA	15
RGMB	285704	RGMB	5
RGS1	5996	RGS1	1
RGS10	6001	RGS10	10
RGS11	8786	RGS11	16
RGS13	6003	RGS13	1
RGS14	10636	RGS14	5
RGS16	6004	RGS16	1
RGS17	26575	RGS17	6
RGS18	64407	RGS18	1
RGS19	10287	RGS19	20
RGS2	5997	RGS2	1
RGS22	26166	RGS22	8
RGS4	5999	RGS4	1
RGS9BP	388531	RGS9BP	19

RHBDD1	84236	RHBDD1	2
RHBDD2	57414	RHBDD2	7
RHBDD3	25807	RHBDD3	22
RHBDF1	64285	RHBDF1	16
RHBDF2	79651	RHBDF2	17
RHBDL1	9028	RHBDL1	16
RHBDL2	54933	RHBDL2	1
RHBDL3	162494	RHBDL3	17
RHCE	6006	RHCE	1
RHEBL1	121268	RHEBL1	12
RHOA	387	RHOA	3
RHOB	388	RHOB	2
RHOBTB2	23221	RHOBTB2	8
RHOBTB3	22836	RHOBTB3	5
RHOC	389	RHOC	1
RHOD	29984	RHOD	11
RHOF	54509	RHOF	12
RHOG	391	RHOG	11
RHOH	399	RHOH	4
RHOQ	23433	RHOQ	2
RHOT1	55288	RHOT1	17
RHOT2	89941	RHOT2	16
RHOV	171177	RHOV	15
RHOXF2B	727940	RHOXF2B	X
RHPN1	114822	RHPN1	8
RHPN2	85415	RHPN2	19
RIC8A	60626	RIC8A	11
RIC8B	55188	RIC8B	12
RICH2	9912	RICH2	17
RICS	9743	RICS	11
RIF1	55183	RIF1	2
RILPL1	353116	RILPL1	12
RILPL2	196383	RILPL2	12
RIMKLB	57494	RIMKLB	12
RIMS2	9699	RIMS2	8
RIMS3	9783	RIMS3	1
RIN2	54453	RIN2	20
RING1	6015	RING1	6
RINL	126432	RINL	19
RINT1	60561	RINT1	7
RIOK1	83732	RIOK1	6
RIOK2	55781	RIOK2	5
RIOK3	8780	RIOK3	18
RIPK1	8737	RIPK1	6

RIPK2	8767	RIPK2	8
RIPK3	11035	RIPK3	14
RIPK4	54101	RIPK4	21
RIPK5	25778	RIPK5	1
RLF	6018	RLF	
RLN1	6013	RLN1	9
RLN2	6019	RLN2	9
RLN3	117579	RLN3	19
RLTPR	146206	RLTPR	16
RMI1	80010	RMI1	9
RMND1	55005	RMND1	6
RMND5A	64795	RMND5A	2
RMND5B	64777	RMND5B	5
RMRP	6023	RMRP	9
RN5S9	100169760	RN5S9	1
RN7SK	125050	RN7SK	6
RNASE10	338879	RNASE10	14
RNASE2	6036	RNASE2	14
RNASE4	6038	RNASE4	14
RNASE9	390443	RNASE9	14
RNASEH1	246243	RNASEH1	2
RNASEH2A	10535	RNASEH2A	19
RNASEH2B	79621	RNASEH2B	13
RNASEH2C	84153	RNASEH2C	11
RNASEK	440400	RNASEK	17
RNASEL	6041	RNASEL	1
RNASEN	29102	RNASEN	
RNASET2	8635	RNASET2	6
RND1	27289	RND1	12
RND2	8153	RND2	17
RNF10	9921	RNF10	12
RNF103	7844	RNF103	2
RNF11	26994	RNF11	1
RNF111	54778	RNF111	15
RNF114	55905	RNF114	20
RNF115	27246	RNF115	1
RNF121	55298	RNF121	11
RNF122	79845	RNF122	8
RNF123	63891	RNF123	3
RNF125	54941	RNF125	18
RNF126	55658	RNF126	19
RNF13	11342	RNF13	3
RNF130	55819	RNF130	5
RNF133	168433	RNF133	7

RNF135	84282	RNF135	17
RNF138	51444	RNF138	18
RNF14	9604	RNF14	5
RNF141	50862	RNF141	11
RNF144B	255488	RNF144B	6
RNF145	153830	RNF145	5
RNF146	81847	RNF146	6
RNF149	284996	RNF149	2
RNF150	57484	RNF150	4
RNF152	220441	RNF152	18
RNF160	26046	RNF160	21
RNF167	26001	RNF167	17
RNF170	81790	RNF170	8
RNF175	285533	RNF175	4
RNF180	285671	RNF180	5
RNF181	51255	RNF181	2
RNF182	221687	RNF182	6
RNF183	138065	RNF183	9
RNF187	149603	RNF187	1
RNF19A	25897	RNF19A	8
RNF19B	127544	RNF19B	1
RNF20	56254	RNF20	9
RNF208	727800	RNF208	9
RNF213	57674	RNF213	17
RNF215	200312	RNF215	22
RNF216	54476	RNF216	7
RNF216L	441191	RNF216L	7
RNF220	55182	RNF220	1
RNF24	11237	RNF24	20
RNF25	64320	RNF25	2
RNF26	79102	RNF26	11
RNF31	55072	RNF31	14
RNF34	80196	RNF34	12
RNF38	152006	RNF38	9
RNF4	6047	RNF4	4
RNF40	9810	RNF40	16
RNF41	10193	RNF41	12
RNF43	54894	RNF43	17
RNF44	22838	RNF44	5
RNF5	6048	RNF5	6
RNF5P1	286140	RNF5P1	8
RNF7	9616	RNF7	3
RNF8	9025	RNF8	6
RNFT1	51136	RNFT1	17

RNFT2	84900	RNFT2	12
RNGTT	8732	RNGTT	6
RNH1	6050	RNH1	11
RNMT	8731	RNMT	18
RNMTL1	55178	RNMTL1	17
RNPC2	9584	RNPC2	20
RNPEP	6051	RNPEP	1
RNPEPL1	57140	RNPEPL1	2
RNPS1	10921	RNPS1	16
RNU105A	26768	RNU105A	1
RNU105B	26767	RNU105B	20
RNU105C	26766	RNU105C	8
RNU11	26824	RNU11	1
RNU12	26823	RNU12	X
RNU1-3	26869	RNU1-3	1
RNU1-5	26863	RNU1-5	1
RNU1A3	26871	RNU1A3	1
RNU1F1	26866	RNU1F1	14
RNU1G2	26864	RNU1G2	1
RNU2-1	6066	RNU2-1	17
RNU4-1	26835	RNU4-1	12
RNU4-2	26834	RNU4-2	
RNU4ATAC	100151683	RNU4ATAC	2
RNU5A	26831	RNU5A	15
RNU6-1	26827	RNU6-1	15
RNU6-15	100302741	RNU6-15	
RNU6ATAC	100151684	RNU6ATAC	9
RNU86	116936	RNU86	22
RNY1	6084	RNY1	7
RNY4	6086	RNY4	7
RNY5	6090	RNY5	7
ROBLD3	28956	ROBLD3	
ROBO3	64221	ROBO3	11
ROBO4	54538	ROBO4	11
ROCK2	9475	ROCK2	2
ROD1	9991	ROD1	9
ROGDI	79641	ROGDI	16
ROM1	6094	ROM1	11
ROMO1	140823	ROMO1	20
ROPN1L	83853	ROPN1L	5
ROR1	4919	ROR1	1
RP1	6101	RP1	8
RP11-529I10.4	25911	RP11-529I10.4	10
RP2	6102	RP2	X

RP5-1022P6.2	56261	RP5-1022P6.2	20
RPA1	6117	RPA1	17
RPA2	6118	RPA2	1
RPA3	6119	RPA3	7
RPAIN	84268	RPAIN	17
RPAP1	26015	RPAP1	15
RPAP2	79871	RPAP2	1
RPAP3	79657	RPAP3	12
RPF1	80135	RPF1	1
RPF2	84154	RPF2	6
RPGR	6103	RPGR	X
RPGRIP1	57096	RPGRIP1	14
RPH3AL	9501	RPH3AL	17
RPIA	22934	RPIA	2
RPL10L	140801	RPL10L	14
RPL12	6136	RPL12	9
RPL13	6137	RPL13	16
RPL13A	23521	RPL13A	19
RPL14	9045	RPL14	3
RPL15	6138	RPL15	3
RPL17	6139	RPL17	18
RPL21	6144	RPL21	13
RPL22	6146	RPL22	1
RPL22L1	200916	RPL22L1	3
RPL23A	6147	RPL23A	17
RPL23AP53	644128	RPL23AP53	8
RPL26L1	51121	RPL26L1	5
RPL28	6158	RPL28	19
RPL29	6159	RPL29	3
RPL3	6122	RPL3	22
RPL30	6156	RPL30	8
RPL31P11	641311	RPL31P11	1
RPL32	6161	RPL32	3
RPL34	6164	RPL34	4
RPL36	25873	RPL36	19
RPL36A	6173	RPL36A	X
RPL37	6167	RPL37	5
RPL37A	6168	RPL37A	2
RPL39	6170	RPL39	X
RPL39L	116832	RPL39L	3
RPL3L	6123	RPL3L	16
RPL4	6124	RPL4	15
RPL5	6125	RPL5	1
RPL8	6132	RPL8	8

RPL9	6133	RPL9	4
RPN1	6184	RPN1	3
RPP14	11102	RPP14	3
RPP25	54913	RPP25	15
RPP38	10557	RPP38	10
RPP40	10799	RPP40	6
RPPH1	85495	RPPH1	14
RPRC1	55700	RPRC1	1
RPRD1A	55197	RPRD1A	18
RPRD1B	58490	RPRD1B	20
RPRD2	23248	RPRD2	1
RPRM	56475	RPRM	2
RPRML	388394	RPRML	17
RPS10P3	158104	RPS10P3	9
RPS11	6205	RPS11	19
RPS12	6206	RPS12	6
RPS15A	6210	RPS15A	16
RPS18	6222	RPS18	6
RPS19BP1	91582	RPS19BP1	22
RPS2	6187	RPS2	16
RPS21	6227	RPS21	20
RPS23	6228	RPS23	5
RPS26P10	401470	RPS26P10	8
RPS29	6235	RPS29	14
RPS4X	6191	RPS4X	X
RPS4Y1	6192	RPS4Y1	Y
RPS4Y2	140032	RPS4Y2	Y
RPS5	6193	RPS5	19
RPS6KA1	6195	RPS6KA1	1
RPS6KA4	8986	RPS6KA4	11
RPS6KA5	9252	RPS6KA5	14
RPS6KB1	6198	RPS6KB1	17
RPS6KB2	6199	RPS6KB2	11
RPS6KC1	26750	RPS6KC1	1
RPS6KL1	83694	RPS6KL1	14
RPS6P1	440086	RPS6P1	
RPS7	6201	RPS7	2
RPSA	3921	RPSA	3
RPTOR	57521	RPTOR	17
RPUSD1	113000	RPUSD1	16
RPUSD2	27079	RPUSD2	15
RPUSD3	285367	RPUSD3	3
RPUSD4	84881	RPUSD4	11
RQCD1	9125	RQCD1	2

RRAD	6236	RRAD	16
RRAGA	10670	RRAGA	9
RRAGB	10325	RRAGB	X
RRAGC	64121	RRAGC	1
RRAGD	58528	RRAGD	6
RRAS	6237	RRAS	19
RRAS2	22800	RRAS2	11
RRBP1	6238	RRBP1	20
RREB1	6239	RREB1	6
RRM1	6240	RRM1	11
RRM2	6241	RRM2	2
RRM2B	50484	RRM2B	8
RRN3	54700	RRN3	16
RRN3P2	653390	RRN3P2	16
RRP1	8568	RRP1	21
RRP12	23223	RRP12	10
RRP15	51018	RRP15	1
RRP1B	23076	RRP1B	21
RRP7A	27341	RRP7A	22
RRP8	23378	RRP8	11
RRP9	9136	RRP9	3
RRS1	23212	RRS1	8
RSAD1	55316	RSAD1	17
RSAD2	91543	RSAD2	2
RSBN1	54665	RSBN1	1
RSBN1L	222194	RSBN1L	7
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RSF1	51773	RSF1	11
RSHL1	81492	RSHL1	19
RSHL3	345895	RSHL3	6
RSL1D1	26156	RSL1D1	16
RSL24D1	51187	RSL24D1	15
RSPH1	89765	RSPH1	21
RSPH3	83861	RSPH3	6
RSPRY1	89970	RSPRY1	16
RSRC1	51319	RSRC1	3
RSRC2	65117	RSRC2	12
RSU1	6251	RSU1	10
RTBDN	83546	RTBDN	19
RTCD1	8634	RTCD1	1
RTDR1	27156	RTDR1	22
RTEL1	51750	RTEL1	20
RTF1	23168	RTF1	15
RTKN	6242	RTKN	2

RTN2	6253	RTN2	19
RTN3	10313	RTN3	11
RTN4	57142	RTN4	2
RTN4IP1	84816	RTN4IP1	6
RTN4RL2	349667	RTN4RL2	11
RTP2	344892	RTP2	3
RTP4	64108	RTP4	3
RTTN	25914	RTTN	18
RUFY1	80230	RUFY1	5
RUFY3	22902	RUFY3	4
RUNDC1	146923	RUNDC1	17
RUNDC2A	84127	RUNDC2A	16
RUNDC2C	440352	RUNDC2C	16
RUNDC3A	10900	RUNDC3A	17
RUNDC3B	154661	RUNDC3B	7
RUNX1T1	862	RUNX1T1	8
RUNX2	860	RUNX2	6
RUNX3	864	RUNX3	1
RUSC1	23623	RUSC1	1
RUVBL1	8607	RUVBL1	
RUVBL2	10856	RUVBL2	19
RWDD1	51389	RWDD1	6
RWDD2A	112611	RWDD2A	6
RWDD2B	10069	RWDD2B	21
RWDD3	25950	RWDD3	1
RWDD4A	201965	RWDD4A	4
RXFP3	51289	RXFP3	5
RXRA	6256	RXRA	9
RYBP	23429	RYBP	3
RYK	6259	RYK	3
RYR1	6261	RYR1	19
RYR2	6262	RYR2	1
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S100A4	6275	S100A4	1
S100A6	6277	S100A6	1
S100A7	6278	S100A7	1
S100A7A	338324	S100A7A	1
S100A9	6280	S100A9	1
S100PBP	64766	S100PBP	1
S100Z	170591	S100Z	5
S1PR1	1901	S1PR1	1
S1PR2	9294	S1PR2	19
S1PR4	8698	S1PR4	19

S1PR5	53637	S1PR5	19
SAAL1	113174	SAAL1	11
SAC3D1	29901	SAC3D1	11
SACM1L	22908	SACM1L	3
SACS	26278	SACS	13
SAE1	10055	SAE1	19
SAFB	6294	SAFB	19
SAFB2	9667	SAFB2	19
SALL2	6297	SALL2	14
SALL3	27164	SALL3	18
SAMD1	90378	SAMD1	19
SAMD10	140700	SAMD10	20
SAMD11	148398	SAMD11	1
SAMD13	148418	SAMD13	1
SAMD14	201191	SAMD14	17
SAMD4A	23034	SAMD4A	14
SAMD4B	55095	SAMD4B	19
SAMD6	203286	SAMD6	
SAMD7	344658	SAMD7	3
SAMD8	142891	SAMD8	10
SAMD9	54809	SAMD9	7
SAMD9L	219285	SAMD9L	7
SAMHD1	25939	SAMHD1	20
SAMM50	25813	SAMM50	22
SAMSN1	64092	SAMSN1	21
SAP130	79595	SAP130	2
SAP18	10284	SAP18	13
SAP30	8819	SAP30	4
SAP30BP	29115	SAP30BP	17
SAP30L	79685	SAP30L	5
SAPS1	22870	SAPS1	19
SAPS3	55291	SAPS3	11
SAR1A	56681	SAR1A	10
SAR1B	51128	SAR1B	5
SARM1	23098	SARM1	17
SARS	6301	SARS	1
SARS2	54938	SARS2	19
SART3	9733	SART3	12
SASH3	54440	SASH3	X
SASS6	163786	SASS6	1
SAT1	6303	SAT1	X
SAT2	112483	SAT2	17
SATB1	6304	SATB1	3
SATB2	23314	SATB2	2

SAV1	60485	SAV1	14
SBDS	51119	SBDS	7
SBDSP	155370	SBDSP	7
SBF1	6305	SBF1	22
SBF2	81846	SBF2	11
SBNO1	55206	SBNO1	12
SBNO2	22904	SBNO2	19
SC4MOL	6307	SC4MOL	4
SC5DL	6309	SC5DL	11
SC65	10609	SC65	17
SCAMP1	9522	SCAMP1	5
SCAMP5	192683	SCAMP5	15
SCAND3	114821	SCAND3	6
SCAP	22937	SCAP	3
SCAPER	49855	SCAPER	15
SCARA5	286133	SCARA5	8
SCARB1	949	SCARB1	12
SCARB2	950	SCARB2	4
SCARNA10	692148	SCARNA10	12
SCARNA11	677780	SCARNA11	12
SCARNA12	677777	SCARNA12	12
SCARNA13	677768	SCARNA13	14
SCARNA14	692149	SCARNA14	15
SCARNA16	677781	SCARNA16	17
SCARNA17	677769	SCARNA17	18
SCARNA18	677765	SCARNA18	5
SCARNA2	677766	SCARNA2	1
SCARNA20	677681	SCARNA20	17
SCARNA21	677763	SCARNA21	17
SCARNA22	677770	SCARNA22	4
SCARNA23	677773	SCARNA23	X
SCARNA4	677771	SCARNA4	1
SCARNA5	677775	SCARNA5	2
SCARNA6	677772	SCARNA6	2
SCARNA7	677767	SCARNA7	3
SCARNA8	677776	SCARNA8	9
SCARNA9	619383	SCARNA9	11
SCARNA9L	100158262	SCARNA9L	X
SCCPDH	51097	SCCPDH	1
SCD	6319	SCD	10
SCD5	79966	SCD5	4
SCEL	8796	SCEL	13
SCFD2	152579	SCFD2	4
SCG2	7857	SCG2	2

SCG3	29106	SCG3	15
SCG5	6447	SCG5	15
SCGB1D2	10647	SCGB1D2	11
SCGB1D4	404552	SCGB1D4	11
SCGB2A1	4246	SCGB2A1	11
SCLT1	132320	SCLT1	4
SCLY	51540	SCLY	2
SCMH1	22955	SCMH1	1
SCML1	6322	SCML1	X
SCML2	10389	SCML2	X
SCN1A	6323	SCN1A	2
SCN1B	6324	SCN1B	19
SCN2A	6326	SCN2A	2
SCN2B	6327	SCN2B	11
SCN3A	6328	SCN3A	2
SCN4A	6329	SCN4A	17
SCN5A	6331	SCN5A	
SCNM1	79005	SCNM1	1
SCNN1D	6339	SCNN1D	1
SCNN1G	6340	SCNN1G	16
SCO1	6341	SCO1	17
SCO2	9997	SCO2	22
SCOC	60592	SCOC	4
SCPEP1	59342	SCPEP1	17
SCRIB	23513	SCRIB	8
SCRN1	9805	SCRN1	7
SCXA	100129885	SCXA	8
SCXB	642658	SCXB	8
SCYL1	57410	SCYL1	11
SCYL1BP1	92344	SCYL1BP1	1
SCYL2	55681	SCYL2	12
SCYL3	57147	SCYL3	1
SDAD1	55153	SDAD1	4
SDC1	6382	SDC1	2
SDC4	6385	SDC4	20
SDCBP	6386	SDCBP	8
SDCCAG10	10283	SDCCAG10	5
SDCCAG3	10807	SDCCAG3	9
SDCCAG3L	388478	SDCCAG3L	18
SDCCAG8	10806	SDCCAG8	1
SDF2	6388	SDF2	17
SDF2L1	23753	SDF2L1	22
SDF4	51150	SDF4	1
SDHA	6389	SDHA	5

SDHAF1	644096	SDHAF1	19
SDHALP1	255812	SDHALP1	
SDHAP2	727956	SDHAP2	3
SDHB	6390	SDHB	1
SDHC	6391	SDHC	1
SDHD	6392	SDHD	11
SDR42E1	93517	SDR42E1	16
SDR9C7	121214	SDR9C7	12
SDS	10993	SDS	12
SDSL	113675	SDSL	12
SEC1	653677	SEC1	19
SEC11A	23478	SEC11A	15
SEC11C	90701	SEC11C	18
SEC13	6396	SEC13	3
SEC14L1	6397	SEC14L1	17
SEC14L5	9717	SEC14L5	16
SEC15L2	23233	SEC15L2	
SEC16A	9919	SEC16A	9
SEC22A	26984	SEC22A	3
SEC22B	9554	SEC22B	1
SEC22C	9117	SEC22C	3
SEC23A	10484	SEC23A	14
SEC23B	10483	SEC23B	20
SEC23IP	11196	SEC23IP	10
SEC24A	10802	SEC24A	5
SEC24B	10427	SEC24B	
SEC24C	9632	SEC24C	10
SEC24D	9871	SEC24D	4
SEC31A	22872	SEC31A	4
SEC61A1	29927	SEC61A1	3
SEC61A2	55176	SEC61A2	10
SEC61B	10952	SEC61B	9
SEC61G	23480	SEC61G	7
SEC62	7095	SEC62	3
SEC63	11231	SEC63	6
SECISBP2	79048	SECISBP2	9
SECISBP2L	9728	SECISBP2L	15
SEH1L	81929	SEH1L	18
SEL1L	6400	SEL1L	14
SEL1L3	23231	SEL1L3	4
SELE	6401	SELE	1
SELI	85465	SELI	2
SELK	58515	SELK	3
SELL	6402	SELL	1

SELM	140606	SELM	22
SELO	83642	SELO	22
SELS	55829	SELS	15
SELT	51714	SELT	3
SEMA3E	9723	SEMA3E	7
SEMA3F	6405	SEMA3F	3
SEMA4A	64218	SEMA4A	1
SEMA4B	10509	SEMA4B	15
SEMA4C	54910	SEMA4C	2
SEMA4D	10507	SEMA4D	9
SEMA4F	10505	SEMA4F	2
SEMA5B	54437	SEMA5B	3
SEMA6A	57556	SEMA6A	5
SEMA6B	10501	SEMA6B	19
SEMA6C	10500	SEMA6C	1
SEMA7A	8482	SEMA7A	15
SENP1	29843	SENP1	12
SENP2	59343	SENP2	3
SENP3	26168	SENP3	17
SENP5	205564	SENP5	3
SENP6	26054	SENP6	6
SENP7	57337	SENP7	3
SEPHS1	22929	SEPHS1	10
SEPHS2	22928	SEPHS2	16
SEPN1	57190	SEPN1	1
SEPP1	6414	SEPP1	5
SEPSECS	51091	SEPSECS	4
SEPW1	6415	SEPW1	19
SEPX1	51734	SEPX1	16
SERAC1	84947	SERAC1	6
SERBP1	26135	SERBP1	1
SERF1A	8293	SERF1A	5
SERF1B	728492	SERF1B	5
SERF2	10169	SERF2	15
SERGEF	26297	SERGEF	11
SERHL	94009	SERHL	
SERHL2	253190	SERHL2	22
SERINC1	57515	SERINC1	6
SERINC2	347735	SERINC2	1
SERINC3	10955	SERINC3	20
SERINC4	619189	SERINC4	15
SERP1	27230	SERP1	3
SERP2	387923	SERP2	13
SERPINA1	5265	SERPINA1	14

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SERPINA2	390502	SERPINA2	14
SERPINA4	5267	SERPINA4	14
SERPINA9	327657	SERPINA9	14
SERPINB1	1992	SERPINB1	6
SERPINB10	5273	SERPINB10	18
SERPINB13	5275	SERPINB13	18
SERPINB2	5055	SERPINB2	18
SERPINB7	8710	SERPINB7	18
SERPINB8	5271	SERPINB8	18
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SERPINE2	5270	SERPINE2	2
SERPINF1	5176	SERPINF1	17
SERPINI1	5274	SERPINI1	3
SERTAD1	29950	SERTAD1	19
SERTAD2	9792	SERTAD2	2
SERTAD3	29946	SERTAD3	19
SESN1	27244	SESN1	6
SESN2	83667	SESN2	1
SESN3	143686	SESN3	11
SESTD1	91404	SESTD1	2
SET	6418	SET	9
SETBP1	26040	SETBP1	18
SETD1A	9739	SETD1A	16
SETD1B	23067	SETD1B	12
SETD2	29072	SETD2	3
SETD3	84193	SETD3	14
SETD4	54093	SETD4	21
SETD6	79918	SETD6	16
SETD7	80854	SETD7	4
SETD8	387893	SETD8	12
SETDB1	9869	SETDB1	1
SETDB2	83852	SETDB2	13
SETMAR	6419	SETMAR	3
SETX	23064	SETX	9
SEZ6L2	26470	SEZ6L2	
SF1	7536	SF1	11
SF3A1	10291	SF3A1	22
SF3A3	10946	SF3A3	1
SF3B1	23451	SF3B1	2
SF3B14	51639	SF3B14	2
SF3B2	10992	SF3B2	11

SF3B3	23450	SF3B3	16
SF3B4	10262	SF3B4	1
SF3B5	83443	SF3B5	6
SF4	57794	SF4	19
SFI1	9814	SFI1	22
SFMBT1	51460	SFMBT1	3
SFN	2810	SFN	1
SFPQ	6421	SFPQ	1
SFRP2	6423	SFRP2	4
SFRS1	6426	SFRS1	17
SFRS10	6434	SFRS10	3
SFRS12	140890	SFRS12	5
SFRS12IP1	285672	SFRS12IP1	5
SFRS13A	10772	SFRS13A	1
SFRS13B	135295	SFRS13B	6
SFRS14	10147	SFRS14	19
SFRS16	11129	SFRS16	19
SFRS17A	8227	SFRS17A	Y
SFRS18	25957	SFRS18	6
SFRS2	6427	SFRS2	17
SFRS2B	10929	SFRS2B	11
SFRS2IP	9169	SFRS2IP	12
SFRS3	6428	SFRS3	6
SFRS4	6429	SFRS4	1
SFRS5	6430	SFRS5	14
SFRS6	6431	SFRS6	20
SFRS7	6432	SFRS7	2
SFRS8	6433	SFRS8	12
SFRS9	8683	SFRS9	12
SFT2D1	113402	SFT2D1	6
SFT2D2	375035	SFT2D2	1
SFT2D3	84826	SFT2D3	2
SFTPA1	653509	SFTPA1	10
SFTPD	6441	SFTPD	10
SFXN1	94081	SFXN1	5
SFXN2	118980	SFXN2	10
SFXN3	81855	SFXN3	10
SFXN4	119559	SFXN4	10
SFXN5	94097	SFXN5	2
SGCA	6442	SGCA	17
SGCE	8910	SGCE	7
SGEF	26084	SGEF	3
SGIP1	84251	SGIP1	1
SGK	6446	SGK	6

SGK1	6446	SGK1	6
SGK196	84197	SGK196	8
SGK3	23678	SGK3	8
SGMS1	259230	SGMS1	10
SGMS2	166929	SGMS2	4
SGOL1	151648	SGOL1	3
SGOL2	151246	SGOL2	2
SGPL1	8879	SGPL1	10
SGPP1	81537	SGPP1	14
SGPP2	130367	SGPP2	2
SGSH	6448	SGSH	17
SGSM1	129049	SGSM1	22
SGTA	6449	SGTA	19
SH2B1	25970	SH2B1	16
SH2B2	10603	SH2B2	7
SH2B3	10019	SH2B3	12
SH2D1A	4068	SH2D1A	X
SH2D2A	9047	SH2D2A	1
SH2D3A	10045	SH2D3A	19
SH2D3C	10044	SH2D3C	9
SH2D4A	63898	SH2D4A	8
SH2D5	400745	SH2D5	
SH3BGR	6450	SH3BGR	21
SH3BGRL	6451	SH3BGRL	X
SH3BGRL2	83699	SH3BGRL2	6
SH3BGRL3	83442	SH3BGRL3	1
SH3BP1	23616	SH3BP1	22
SH3BP4	23677	SH3BP4	2
SH3BP5L	80851	SH3BP5L	1
SH3GL1	6455	SH3GL1	19
SH3GL2	6456	SH3GL2	9
SH3GLB1	51100	SH3GLB1	1
SH3GLB2	56904	SH3GLB2	9
SH3KBP1	30011	SH3KBP1	X
SH3PXD2A	9644	SH3PXD2A	10
SH3TC1	54436	SH3TC1	4
SH3YL1	26751	SH3YL1	2
SHANK3	85358	SHANK3	22
SHARPIN	81858	SHARPIN	8
SHB	6461	SHB	9
SHBG	6462	SHBG	17
SHC1	6464	SHC1	1
SHC4	399694	SHC4	15
SHCBP1	79801	SHCBP1	16

SHD	56961	SHD	19
SHE	126669	SHE	1
SHFM1	7979	SHFM1	7
SHISA2	387914	SHISA2	13
SHISA3	152573	SHISA3	4
SHISA5	51246	SHISA5	3
SHKBP1	92799	SHKBP1	19
SHMT1	6470	SHMT1	17
SHMT2	6472	SHMT2	12
SHOC2	8036	SHOC2	10
SHOX2	6474	SHOX2	3
SHPK	23729	SHPK	17
SHPRH	257218	SHPRH	6
SHQ1	55164	SHQ1	3
SHRM	57619	SHRM	4
SHROOM1	134549	SHROOM1	5
SHROOM2	357	SHROOM2	X
SHROOM4	57477	SHROOM4	X
SIAH1	6477	SIAH1	16
SIAH2	6478	SIAH2	3
SIDT1	54847	SIDT1	3
SIDT2	51092	SIDT2	11
SIGLEC10	89790	SIGLEC10	19
SIGLEC14	100049587	SIGLEC14	19
SIGLECP3	284367	SIGLECP3	19
SIGMAR1	10280	SIGMAR1	9
SIK1	150094	SIK1	21
SIK2	23235	SIK2	11
SIK3	23387	SIK3	11
SIKE	80143	SIKE	1
SIL1	64374	SIL1	5
SILV	6490	SILV	12
SIN3A	25942	SIN3A	15
SIN3B	23309	SIN3B	19
SIP1	8487	SIP1	14
SIPA1	6494	SIPA1	11
SIPA1L1	26037	SIPA1L1	14
SIPA1L2	57568	SIPA1L2	1
SIRPA	140885	SIRPA	20
SIRT1	23411	SIRT1	10
SIRT2	22933	SIRT2	19
SIRT4	23409	SIRT4	12
SIRT5	23408	SIRT5	6
SIRT7	51547	SIRT7	17

SIT1	27240	SIT1	9
SIVA	10572	SIVA	14
SIVA1	10572	SIVA1	14
SIX1	6495	SIX1	14
SIX2	10736	SIX2	2
SIX4	51804	SIX4	14
SIX5	147912	SIX5	19
SIX6	4990	SIX6	14
SKA1	220134	SKA1	18
SKA2	348235	SKA2	17
SKAP1	8631	SKAP1	17
SKAP2	8935	SKAP2	7
SKCG-1	100049615	SKCG-1	
SKI	6497	SKI	1
SKIL	6498	SKIL	3
SKIP	51763	SKIP	17
SKIV2L	6499	SKIV2L	6
SKIV2L2	23517	SKIV2L2	5
SKP1	6500	SKP1	5
SKP2	6502	SKP2	5
SLA	6503	SLA	8
SLA2	84174	SLA2	20
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SLAIN2	57606	SLAIN2	4
SLAMF1	6504	SLAMF1	1
SLAMF6	114836	SLAMF6	1
SLAMF7	57823	SLAMF7	1
SLAMF9	89886	SLAMF9	1
SLBP	7884	SLBP	4
SLC10A3	8273	SLC10A3	X
SLC10A7	84068	SLC10A7	4
SLC11A2	4891	SLC11A2	12
SLC12A2	6558	SLC12A2	5
SLC12A4	6560	SLC12A4	16
SLC12A6	9990	SLC12A6	15
SLC12A8	84561	SLC12A8	3
SLC12A9	56996	SLC12A9	7
SLC13A1	6561	SLC13A1	7
SLC13A2	9058	SLC13A2	17
SLC13A4	26266	SLC13A4	7
SLC15A2	6565	SLC15A2	3
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SLC15A4	121260	SLC15A4	12
SLC16A1	6566	SLC16A1	1

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SLC16A12	387700	SLC16A12	10
SLC16A3	9123	SLC16A3	17
SLC16A6	9120	SLC16A6	17
SLC17A4	10050	SLC17A4	6
SLC17A7	57030	SLC17A7	19
SLC17A9	63910	SLC17A9	20
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SLC19A1	6573	SLC19A1	21
SLC1A1	6505	SLC1A1	9
SLC1A4	6509	SLC1A4	2
SLC1A5	6510	SLC1A5	19
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SLC20A2	6575	SLC20A2	8
SLC22A1	6580	SLC22A1	6
SLC22A17	51310	SLC22A17	14
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SLC22A20	440044	SLC22A20	11
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SLC22A5	6584	SLC22A5	5
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SLC25A11	8402	SLC25A11	17
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SLC25A17	10478	SLC25A17	22
SLC25A18	83733	SLC25A18	22
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SLC25A26	115286	SLC25A26	3
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SLC25A35	399512	SLC25A35	17
SLC25A36	55186	SLC25A36	3
SLC25A37	51312	SLC25A37	8
SLC25A38	54977	SLC25A38	3
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SLC25A4	291	SLC25A4	4
SLC25A40	55972	SLC25A40	7
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SLC25A43	203427	SLC25A43	X
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SLC25A46	91137	SLC25A46	5
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SLC25A6	293	SLC25A6	XY
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SLC27A5	10998	SLC27A5	19
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SLC29A3	55315	SLC29A3	10
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SLC2A1	6513	SLC2A1	1
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SLC2A12	154091	SLC2A12	6
SLC2A14	144195	SLC2A14	12
SLC2A3	6515	SLC2A3	12
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SLC2A6	11182	SLC2A6	9
SLC2A8	29988	SLC2A8	9
SLC30A1	7779	SLC30A1	1
SLC30A3	7781	SLC30A3	2
SLC30A5	64924	SLC30A5	5
SLC30A7	148867	SLC30A7	1
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SLC31A1	1317	SLC31A1	9
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SLC35A2	7355	SLC35A2	X
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SLC35A5	55032	SLC35A5	3
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SLC35B2	347734	SLC35B2	6
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SLC35B4	84912	SLC35B4	7
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SLC35C2	51006	SLC35C2	20
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SLC35F5	80255	SLC35F5	2
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SLC36A4	120103	SLC36A4	11
SLC37A1	54020	SLC37A1	21
SLC37A3	84255	SLC37A3	7
SLC37A4	2542	SLC37A4	11
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SLC38A7	55238	SLC38A7	16
SLC38A9	153129	SLC38A9	5
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SLC43A2	124935	SLC43A2	17
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SLC44A2	57153	SLC44A2	19
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SLC46A1	113235	SLC46A1	17
SLC46A3	283537	SLC46A3	13
SLC48A1	55652	SLC48A1	12
SLC4A1	6521	SLC4A1	17
SLC4A11	83959	SLC4A11	20
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SLC4A2	6522	SLC4A2	7
SLC4A5	57835	SLC4A5	2
SLC4A7	9497	SLC4A7	3
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SLC5A3	6526	SLC5A3	21
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SLC6A16	28968	SLC6A16	19
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SLC7A6OS	84138	SLC7A6OS	16
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SLC7A9	11136	SLC7A9	19
SLC8A2	6543	SLC8A2	19
SLC9A1	6548	SLC9A1	1
SLC9A10	285335	SLC9A10	3

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SLC9A5	6553	SLC9A5	16
SLC9A6	10479	SLC9A6	X
SLC9A7	84679	SLC9A7	X
SLC9A8	23315	SLC9A8	20
SLC9A9	285195	SLC9A9	3
SLCO2B1	11309	SLCO2B1	11
SLCO3A1	28232	SLCO3A1	15
SLCO4A1	28231	SLCO4A1	20
SLCO4C1	353189	SLCO4C1	5
SLFN11	91607	SLFN11	17
SLFN12	55106	SLFN12	17
SLFN5	162394	SLFN5	17
SLK	9748	SLK	10
SLMAP	7871	SLMAP	3
SLMO1	10650	SLMO1	18
SLMO2	51012	SLMO2	20
SLN	6588	SLN	11
SLTM	79811	SLTM	15
SLU7	10569	SLU7	5
SMA4	11039	SMA4	
SMA5	11042	SMA5	5
SMAD2	4087	SMAD2	18
SMAD3	4088	SMAD3	15
SMAD4	4089	SMAD4	18
SMAD5	4090	SMAD5	5
SMAD6	4091	SMAD6	15
SMAD7	4092	SMAD7	18
SMAGP	57228	SMAGP	12
SMAP1	60682	SMAP1	6
SMAP2	64744	SMAP2	1
SMARCA1	6594	SMARCA1	X
SMARCA2	6595	SMARCA2	9
SMARCA4	6597	SMARCA4	19
SMARCA5	8467	SMARCA5	4
SMARCAD1	56916	SMARCAD1	4
SMARCAL1	50485	SMARCAL1	2
SMARCB1	6598	SMARCB1	22
SMARCC1	6599	SMARCC1	3
SMARCC2	6601	SMARCC2	12
SMARCD1	6602	SMARCD1	12
SMARCD2	6603	SMARCD2	17
SMARCD3	6604	SMARCD3	7
SMARCE1	6605	SMARCE1	17

SMC1A	8243	SMC1A	X
SMC2	10592	SMC2	9
SMC4	10051	SMC4	3
SMC6	79677	SMC6	2
SMCHD1	23347	SMCHD1	18
SMCP	4184	SMCP	1
SMCR5	140771	SMCR5	17
SMCR7L	54471	SMCR7L	22
SMEK1	55671	SMEK1	14
SMEK2	57223	SMEK2	2
SMG1	23049	SMG1	16
SMG5	23381	SMG5	1
SMG6	23293	SMG6	17
SMG7	9887	SMG7	1
SMN1	6606	SMN1	5
SMN2	6607	SMN2	5
SMNDC1	10285	SMNDC1	10
SMO	6608	SMO	7
SMOX	54498	SMOX	20
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SMPD2	6610	SMPD2	6
SMPD3	55512	SMPD3	16
SMPD4	55627	SMPD4	2
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SMR3A	26952	SMR3A	4
SMS	6611	SMS	X
SMTN	6525	SMTN	22
SMTNL2	342527	SMTNL2	17
SMU1	55234	SMU1	9
SMUG1	23583	SMUG1	12
SMYD2	56950	SMYD2	
SMYD3	64754	SMYD3	1
SMYD4	114826	SMYD4	17
SMYD5	10322	SMYD5	2
SNAI1	6615	SNAI1	20
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SNAI3	333929	SNAI3	16
SNAP23	8773	SNAP23	15
SNAP29	9342	SNAP29	22
SNAP47	116841	SNAP47	1
SNAPC1	6617	SNAPC1	14
SNAPC2	6618	SNAPC2	19
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SNAPIN	23557	SNAPIN	1
SNCAIP	9627	SNCAIP	5
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SND1	27044	SND1	7
SNF8	11267	SNF8	17
SNHG1	23642	SNHG1	11
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SNHG4	724102	SNHG4	
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SNHG6	641638	SNHG6	8
SNHG7	84973	SNHG7	9
SNHG8	440957	SNHG8	
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SNIP1	79753	SNIP1	1
SNN	8303	SNN	16
SNORA1	677792	SNORA1	11
SNORA10	574042	SNORA10	16
SNORA11D	100124541	SNORA11D	X
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SNORA14B	677802	SNORA14B	1
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SNORA21	619505	SNORA21	17
SNORA22	677807	SNORA22	7
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SNORA25	684959	SNORA25	11
SNORA26	677810	SNORA26	4
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SNORA28	677811	SNORA28	14
SNORA2A	677793	SNORA2A	12
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SNORA3	619562	SNORA3	11
SNORA30	677813	SNORA30	16
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SNORA34	677815	SNORA34	12
SNORA38	677820	SNORA38	6
SNORA38B	100124536	SNORA38B	17
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SNORA41	619569	SNORA41	2
SNORA42	677823	SNORA42	1
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SNORA45	677826	SNORA45	11
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SNORA48	652965	SNORA48	17
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SNORA57	692158	SNORA57	11
SNORA58	677836	SNORA58	3
SNORA59A	677885	SNORA59A	1
SNORA59B	677882	SNORA59B	17
SNORA5B	677795	SNORA5B	7
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SNORA6	574040	SNORA6	3
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SNORD113-1	767561	SNORD113-1	14
SNORD113-3	767563	SNORD113-3	14
SNORD114-2	767578	SNORD114-2	14
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SNORD117	692233	SNORD117	6
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SNORD1A	677848	SNORD1A	17
SNORD1B	677849	SNORD1B	17
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SNORD25	9303	SNORD25	11
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SNORD32A	26819	SNORD32A	19
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SNORD33	26818	SNORD33	19
SNORD34	26817	SNORD34	19
SNORD35A	26816	SNORD35A	19
SNORD35B	84546	SNORD35B	19
SNORD36A	26815	SNORD36A	9
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SNORD3A	780851	SNORD3A	17
SNORD3C	780853	SNORD3C	17
SNORD3D	780854	SNORD3D	17
SNORD41	26810	SNORD41	19
SNORD42B	26808	SNORD42B	17
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SNORD46	94161	SNORD46	1
SNORD47	26802	SNORD47	1
SNORD48	26801	SNORD48	6
SNORD49A	26800	SNORD49A	17
SNORD4A	26773	SNORD4A	17
SNORD4B	26772	SNORD4B	17
SNORD5	692072	SNORD5	11
SNORD50B	692088	SNORD50B	6
SNORD51	26798	SNORD51	2
SNORD52	26797	SNORD52	6
SNORD54	26795	SNORD54	8
SNORD55	26811	SNORD55	1
SNORD56	26793	SNORD56	20
SNORD57	26792	SNORD57	20

SNORD59A	26789	SNORD59A	12
SNORD59B	692090	SNORD59B	12
SNORD6	692075	SNORD6	11
SNORD62B	692093	SNORD62B	9
SNORD63	26785	SNORD63	5
SNORD65	692106	SNORD65	17
SNORD66	692107	SNORD66	3
SNORD68	606500	SNORD68	16
SNORD69	692109	SNORD69	3
SNORD7	692076	SNORD7	17
SNORD71	692111	SNORD71	16
SNORD73A	8944	SNORD73A	4
SNORD74	619498	SNORD74	1
SNORD76	692196	SNORD76	1
SNORD78	692198	SNORD78	1
SNORD8	319103	SNORD8	14
SNORD80	26774	SNORD80	1
SNORD83A	116937	SNORD83A	22
SNORD83B	116938	SNORD83B	22
SNORD84	692199	SNORD84	6
SNORD85	692200	SNORD85	1
SNORD87	641648	SNORD87	8
SNORD88B	692203	SNORD88B	19
SNORD88C	692204	SNORD88C	19
SNORD89	692205	SNORD89	2
SNORD91A	692207	SNORD91A	17
SNORD91B	692208	SNORD91B	17
SNORD92	692209	SNORD92	2
SNORD94	692225	SNORD94	2
SNORD95	619570	SNORD95	5
SNORD96A	619571	SNORD96A	5
SNORD96B	692226	SNORD96B	X
SNORD99	692212	SNORD99	1
SNPH	9751	SNPH	20
SNRK	54861	SNRK	3
SNRNP200	23020	SNRNP200	2
SNRNP25	79622	SNRNP25	16
SNRNP27	11017	SNRNP27	2
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SNRNP70	6625	SNRNP70	19
SNRP70	6625	SNRP70	19
SNRPA	6626	SNRPA	19

SNRPA1	6627	SNRPA1	15
SNRPB	6628	SNRPB	20
SNRPB2	6629	SNRPB2	20
SNRPC	6631	SNRPC	6
SNRPD1	6632	SNRPD1	18
SNRPD2	6633	SNRPD2	19
SNRPD3	6634	SNRPD3	22
SNRPE	6635	SNRPE	1
SNRPF	6636	SNRPF	12
SNRPG	6637	SNRPG	2
SNRPN	6638	SNRPN	15
SNTA1	6640	SNTA1	20
SNTB1	6641	SNTB1	8
SNTB2	6645	SNTB2	16
SNUPN	10073	SNUPN	15
SNURF	8926	SNURF	15
SNW1	22938	SNW1	14
SNX1	6642	SNX1	15
SNX10	29887	SNX10	7
SNX11	29916	SNX11	17
SNX12	29934	SNX12	X
SNX13	23161	SNX13	7
SNX14	57231	SNX14	6
SNX15	29907	SNX15	11
SNX16	64089	SNX16	8
SNX17	9784	SNX17	2
SNX19	399979	SNX19	11
SNX2	6643	SNX2	5
SNX22	79856	SNX22	15
SNX24	28966	SNX24	5
SNX25	83891	SNX25	4
SNX26	115703	SNX26	19
SNX27	81609	SNX27	1
SNX29	92017	SNX29	16
SNX3	8724	SNX3	6
SNX30	401548	SNX30	9
SNX31	169166	SNX31	8
SNX4	8723	SNX4	3
SNX5	27131	SNX5	20
SNX8	29886	SNX8	7
SOBP	55084	SOBP	6
SOCS1	8651	SOCS1	16
SOCS2	8835	SOCS2	12
SOCS3	9021	SOCS3	17

SOCS4	122809	SOCS4	14
SOCS5	9655	SOCS5	2
SOD2	6648	SOD2	6
SOLH	6650	SOLH	16
SON	6651	SON	21
SORBS2	8470	SORBS2	4
SORBS3	10174	SORBS3	8
SORCS3	22986	SORCS3	10
SORD	6652	SORD	
SORL1	6653	SORL1	11
SORT1	6272	SORT1	1
SOS1	6654	SOS1	2
SOSTDC1	25928	SOSTDC1	7
SOX12	6666	SOX12	20
SOX15	6665	SOX15	17
SOX18	54345	SOX18	20
SOX2	6657	SOX2	3
SOX4	6659	SOX4	6
SOX7	83595	SOX7	8
SOX8	30812	SOX8	16
SP1	6667	SP1	12
SP100	6672	SP100	2
SP110	3431	SP110	2
SP140	11262	SP140	2
SP140L	93349	SP140L	2
SP2	6668	SP2	17
SP3	6670	SP3	2
SP4	6671	SP4	7
SP6	80320	SP6	17
SPA17	53340	SPA17	11
SPACA1	81833	SPACA1	6
SPACA3	124912	SPACA3	17
SPACA4	171169	SPACA4	19
SPAG1	6674	SPAG1	8
SPAG16	79582	SPAG16	2
SPAG4	6676	SPAG4	20
SPAG5	10615	SPAG5	17
SPAG6	9576	SPAG6	10
SPAG7	9552	SPAG7	17
SPAG9	9043	SPAG9	17
SPANXN3	139067	SPANXN3	X
SPARCL1	8404	SPARCL1	4
SPAST	6683	SPAST	2
SPATA12	353324	SPATA12	3

SPATA18	132671	SPATA18	4
SPATA2	9825	SPATA2	20
SPATA20	64847	SPATA20	17
SPATA2L	124044	SPATA2L	16
SPATA3	130560	SPATA3	2
SPATA5L1	79029	SPATA5L1	15
SPATA7	55812	SPATA7	14
SPATS2	65244	SPATS2	12
SPATS2L	26010	SPATS2L	2
SPC24	147841	SPC24	19
SPC25	57405	SPC25	2
SPCS1	28972	SPCS1	3
SPCS2	9789	SPCS2	11
SPCS3	60559	SPCS3	
SPEF1	25876	SPEF1	20
SPEF2	79925	SPEF2	5
SPEN	23013	SPEN	1
SPG11	80208	SPG11	15
SPG21	51324	SPG21	
SPG3A	51062	SPG3A	14
SPG7	6687	SPG7	16
SPHAR	10638	SPHAR	1
SPHK2	56848	SPHK2	19
SPI1	6688	SPI1	11
SPIB	6689	SPIB	19
SPIC	121599	SPIC	12
SPIN1	10927	SPIN1	9
SPIN2A	54466	SPIN2A	X
SPIN2B	474343	SPIN2B	X
SPIN3	169981	SPIN3	X
SPIN4	139886	SPIN4	X
SPINK2	6691	SPINK2	4
SPINK5	11005	SPINK5	5
SPINK5L3	153218	SPINK5L3	5
SPINT1	6692	SPINT1	15
SPINT2	10653	SPINT2	19
SPIRE1	56907	SPIRE1	18
SPIRE2	84501	SPIRE2	16
SPN	6693	SPN	16
SPNS1	83985	SPNS1	16
SPNS2	124976	SPNS2	17
SPNS3	201305	SPNS3	17
SPOCK1	6695	SPOCK1	5
SPOCK2	9806	SPOCK2	10

SPON1	10418	SPON1	11
SPOPL	339745	SPOPL	2
SPP1	6696	SPP1	4
SPP2	6694	SPP2	2
SPPL2A	84888	SPPL2A	15
SPPL2B	56928	SPPL2B	19
SPPL3	121665	SPPL3	12
SPR	6697	SPR	2
SPRED1	161742	SPRED1	15
SPRED2	200734	SPRED2	2
SPRR2A	6700	SPRR2A	1
SPRR4	163778	SPRR4	1
SPRY1	10252	SPRY1	4
SPRY2	10253	SPRY2	13
SPRY4	81848	SPRY4	5
SPRYD3	84926	SPRYD3	12
SPRYD4	283377	SPRYD4	12
SPRYD5	84767	SPRYD5	11
SPSB1	80176	SPSB1	1
SPSB2	84727	SPSB2	12
SPSB3	90864	SPSB3	16
SPTA1	6708	SPTA1	1
SPTAN1	6709	SPTAN1	9
SPTBN1	6711	SPTBN1	2
SPTBN2	6712	SPTBN2	11
SPTBN4	57731	SPTBN4	19
SPTLC1	10558	SPTLC1	9
SPTLC2	9517	SPTLC2	14
SPTLC3	55304	SPTLC3	20
SPTY2D1	144108	SPTY2D1	11
SQLE	6713	SQLE	8
SQRDL	58472	SQRDL	15
SQSTM1	8878	SQSTM1	5
SR140	23350	SR140	3
SRA1	10011	SRA1	5
SRBD1	55133	SRBD1	2
SRC	6714	SRC	20
SRD5A1	6715	SRD5A1	5
SRD5A3	79644	SRD5A3	4
SREBF1	6720	SREBF1	17
SRF	6722	SRF	6
SRFBP1	153443	SRFBP1	5
SRGAP1	57522	SRGAP1	12
SRGAP2	23380	SRGAP2	1

SRGAP2L	647135	SRGAP2L	1
SRGAP3	9901	SRGAP3	3
SRGN	5552	SRGN	10
SRI	6717	SRI	7
SRL	6345	SRL	16
SRM	6723	SRM	1
SRP14	6727	SRP14	15
SRP14P1	390284	SRP14P1	12
SRP19	6728	SRP19	5
SRP54	6729	SRP54	14
SRP68	6730	SRP68	17
SRP72	6731	SRP72	4
SRP9	6726	SRP9	1
SRPK1	6732	SRPK1	6
SRPK2	6733	SRPK2	7
SRPR	6734	SRPR	11
SRPRB	58477	SRPRB	3
SRPX	8406	SRPX	X
SRR	63826	SRR	17
SRRD	402055	SRRD	22
SRRM1	10250	SRRM1	1
SRRM1L	401475	SRRM1L	
SRRM2	23524	SRRM2	16
SRRM5	100170229	SRRM5	19
SRXN1	140809	SRXN1	20
SS18	6760	SS18	18
SS18L1	26039	SS18L1	20
SS18L2	51188	SS18L2	3
SSB	6741	SSB	2
SSBP1	6742	SSBP1	7
SSBP2	23635	SSBP2	5
SSBP3	23648	SSBP3	1
SSBP4	170463	SSBP4	19
SSFA2	6744	SSFA2	2
SSH2	85464	SSH2	17
SSH3	54961	SSH3	11
SSNA1	8636	SSNA1	9
SSPN	8082	SSPN	12
SSR1	6745	SSR1	6
SSR2	6746	SSR2	1
SSR3	6747	SSR3	3
SSR4	6748	SSR4	X
SSRP1	6749	SSRP1	11
SSSCA1	10534	SSSCA1	11

SSTR2	6752	SSTR2	17
SSU72	29101	SSU72	1
SSX2IP	117178	SSX2IP	1
SSX3	10214	SSX3	X
ST13	6767	ST13	22
ST14	6768	ST14	11
ST20	400410	ST20	15
ST3GAL1	6482	ST3GAL1	8
ST3GAL2	6483	ST3GAL2	16
ST3GAL3	6487	ST3GAL3	1
ST3GAL4	6484	ST3GAL4	11
ST3GAL5	8869	ST3GAL5	2
ST3GAL6	10402	ST3GAL6	3
ST6GAL1	6480	ST6GAL1	3
ST6GALNAC4	27090	ST6GALNAC4	9
ST6GALNAC6	30815	ST6GALNAC6	9
ST7	7982	ST7	7
ST7OT2	93654	ST7OT2	7
ST7OT4	338069	ST7OT4	7
ST8SIA1	6489	ST8SIA1	12
ST8SIA2	8128	ST8SIA2	15
ST8SIA3	51046	ST8SIA3	18
ST8SIA4	7903	ST8SIA4	5
ST8SIA5	29906	ST8SIA5	18
STAB2	55576	STAB2	12
STAC2	342667	STAC2	17
STAC3	246329	STAC3	12
STAG1	10274	STAG1	3
STAG2	10735	STAG2	X
STAG3	10734	STAG3	7
STAG3L1	54441	STAG3L1	7
STAG3L2	442582	STAG3L2	7
STAG3L3	442578	STAG3L3	7
STAG3L4	64940	STAG3L4	7
STAM	8027	STAM	10
STAM2	10254	STAM2	2
STAMBP	10617	STAMBP	2
STAMBPL1	57559	STAMBPL1	10
STAP1	26228	STAP1	4
STARD10	10809	STARD10	11
STARD3	10948	STARD3	17
STARD3NL	83930	STARD3NL	7
STARD4	134429	STARD4	5
STARD5	80765	STARD5	15

STARD7	56910	STARD7	2
STAT1	6772	STAT1	2
STAT2	6773	STAT2	12
STAT3	6774	STAT3	17
STAT4	6775	STAT4	2
STAT5A	6776	STAT5A	17
STAT5B	6777	STAT5B	17
STAT6	6778	STAT6	12
STAU1	6780	STAU1	20
STAU2	27067	STAU2	8
STC1	6781	STC1	8
STC2	8614	STC2	5
STEAP1	26872	STEAP1	
STGC3	474171	STGC3	
STIL	6491	STIL	1
STIM1	6786	STIM1	11
STIM2	57620	STIM2	4
STIP1	10963	STIP1	11
STK10	6793	STK10	5
STK11	6794	STK11	19
STK11IP	114790	STK11IP	2
STK16	8576	STK16	2
STK17B	9262	STK17B	2
STK19	8859	STK19	6
STK25	10494	STK25	2
STK3	6788	STK3	8
STK32A	202374	STK32A	5
STK33	65975	STK33	11
STK35	140901	STK35	20
STK36	27148	STK36	2
STK38	11329	STK38	6
STK38L	23012	STK38L	12
STK39	27347	STK39	2
STK4	6789	STK4	20
STK40	83931	STK40	1
STMN1	3925	STMN1	1
STMN2	11075	STMN2	8
STMN3	50861	STMN3	20
STMN4	81551	STMN4	8
STOM	2040	STOM	9
STOML1	9399	STOML1	15
STOML2	30968	STOML2	9
STOX1	219736	STOX1	10
STRA13	201254	STRA13	17

STRA6	64220	STRA6	15
STRADA	92335	STRADA	17
STRADB	55437	STRADB	2
STRAP	11171	STRAP	12
STRBP	55342	STRBP	9
STRC	161497	STRC	15
STRN	6801	STRN	2
STRN3	29966	STRN3	14
STRN4	29888	STRN4	19
STS	412	STS	X
STS-1	84959	STS-1	11
STT3A	3703	STT3A	11
STT3B	201595	STT3B	3
STUB1	10273	STUB1	16
STX11	8676	STX11	6
STX12	23673	STX12	1
STX16	8675	STX16	20
STX17	55014	STX17	9
STX1A	6804	STX1A	7
STX2	2054	STX2	12
STX3	6809	STX3	11
STX4	6810	STX4	16
STX5	6811	STX5	11
STX6	10228	STX6	1
STX7	8417	STX7	6
STX8	9482	STX8	17
STXBP1	6812	STXBP1	9
STXBP2	6813	STXBP2	19
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STXBP4	252983	STXBP4	17
STXBP5	134957	STXBP5	6
STXBP5L	9515	STXBP5L	3
STXBP6	29091	STXBP6	14
STYXL1	51657	STYXL1	7
SUB1	10923	SUB1	5
SUCLA2	8803	SUCLA2	13
SUCLG1	8802	SUCLG1	2
SUCLG2	8801	SUCLG2	3
SUCNR1	56670	SUCNR1	3
SUDS3	64426	SUDS3	12
SUGT1	10910	SUGT1	13
SULF1	23213	SULF1	8
SULF2	55959	SULF2	20
SULT1A1	6817	SULT1A1	16

SULT1A2	6799	SULT1A2	16
SULT1A3	6818	SULT1A3	16
SULT1A4	445329	SULT1A4	16
SULT1B1	27284	SULT1B1	4
SULT2A1	6822	SULT2A1	19
SULT2B1	6820	SULT2B1	19
SULT6B1	391365	SULT6B1	2
SUMF1	285362	SUMF1	3
SUMF2	25870	SUMF2	7
SUMO2	6613	SUMO2	17
SUMO3	6612	SUMO3	21
SUOX	6821	SUOX	12
SUPT16H	11198	SUPT16H	14
SUPT3H	8464	SUPT3H	6
SUPT4H1	6827	SUPT4H1	17
SUPT5H	6829	SUPT5H	19
SUPT6H	6830	SUPT6H	17
SUPV3L1	6832	SUPV3L1	10
SURF1	6834	SURF1	9
SURF2	6835	SURF2	9
SURF4	6836	SURF4	9
SURF6	6838	SURF6	9
SUSD1	64420	SUSD1	9
SUSD2	56241	SUSD2	22
SUSD3	203328	SUSD3	9
SUV39H1	6839	SUV39H1	X
SUV39H2	79723	SUV39H2	10
SUV420H1	51111	SUV420H1	11
SUV420H2	84787	SUV420H2	19
SUZ12	23512	SUZ12	17
SV2A	9900	SV2A	1
SV2B	9899	SV2B	15
SVOP	55530	SVOP	12
SWAP70	23075	SWAP70	11
SYAP1	94056	SYAP1	X
SYCE1	93426	SYCE1	10
SYCE1L	100130958	SYCE1L	16
SYDE1	85360	SYDE1	19
SYF2	25949	SYF2	1
SYK	6850	SYK	9
SYMPK	8189	SYMPK	19
SYN1	6853	SYN1	X
SYN2	6854	SYN2	3
SYNC1	81493	SYNC1	1

SYNCRIP	10492	SYNCRIP	6
SYNE2	23224	SYNE2	14
SYNGR1	9145	SYNGR1	22
SYNGR3	9143	SYNGR3	16
SYNJ1	8867	SYNJ1	21
SYNJ2BP	55333	SYNJ2BP	14
SYNM	23336	SYNM	15
SYNPO	11346	SYNPO	5
SYP	6855	SYP	X
SYPL1	6856	SYPL1	7
SYPL2	284612	SYPL2	1
SYS1	90196	SYS1	20
SYT11	23208	SYT11	1
SYT13	57586	SYT13	11
SYT14	255928	SYT14	1
SYT15	83849	SYT15	10
SYT16	83851	SYT16	14
SYT17	51760	SYT17	16
SYT2	127833	SYT2	1
SYT3	84258	SYT3	19
SYT9	143425	SYT9	11
SYTL1	84958	SYTL1	1
SYTL2	54843	SYTL2	11
SYTL3	94120	SYTL3	6
SYVN1	84447	SYVN1	11
TAAR2	9287	TAAR2	6
TAAR5	9038	TAAR5	6
TAC3	6866	TAC3	12
TACC1	6867	TACC1	8
TACC2	10579	TACC2	10
TACC3	10460	TACC3	4
TACO1	51204	TACO1	17
TACR2	6865	TACR2	10
TACSTD1	4072	TACSTD1	2
TADA1L	117143	TADA1L	1
TADA2A	6871	TADA2A	17
TADA2B	93624	TADA2B	4
TADA3	10474	TADA3	3
TAF1	6872	TAF1	X
TAF10	6881	TAF10	11
TAF11	6882	TAF11	6
TAF12	6883	TAF12	1
TAF13	6884	TAF13	1
TAF15	8148	TAF15	17

TAF1A	9015	TAF1A	1
TAF1B	9014	TAF1B	2
TAF1C	9013	TAF1C	16
TAF1D	79101	TAF1D	11
TAF1L	138474	TAF1L	9
TAF2	6873	TAF2	8
TAF4	6874	TAF4	20
TAF4B	6875	TAF4B	18
TAF5	6877	TAF5	10
TAF5L	27097	TAF5L	1
TAF6L	10629	TAF6L	11
TAF7	6879	TAF7	5
TAF9	6880	TAF9	5
TAF9L	51616	TAF9L	X
TAGAP	117289	TAGAP	6
TAGLN	6876	TAGLN	11
TAGLN2	8407	TAGLN2	1
TAGLN3	29114	TAGLN3	3
TAKR	389932	tAKR	10
TALDO1	6888	TALDO1	
TANC1	85461	TANC1	2
TANC2	26115	TANC2	17
TANK	10010	TANK	2
TAOK2	9344	TAOK2	16
TAOK3	51347	TAOK3	12
TAP1	6890	TAP1	6
TAP2	6891	TAP2	6
TAPBP	6892	TAPBP	6
TAPBPL	55080	TAPBPL	12
TAPT1	202018	TAPT1	4
TARBP1	6894	TARBP1	1
TARBP2	6895	TARBP2	12
TARDBP	23435	TARDBP	1
TARS	6897	TARS	5
TARS2	80222	TARS2	1
TARSL2	123283	TARSL2	15
TAS2R14	50840	TAS2R14	12
TAS2R3	50831	TAS2R3	7
TAS2R4	50832	TAS2R4	7
TAS2R40	259286	TAS2R40	7
TASP1	55617	TASP1	20
TATDN2	9797	TATDN2	3
TATDN3	128387	TATDN3	1
TAX1BP1	8887	TAX1BP1	7

TAX1BP3	30851	TAX1BP3	17
TAZ	6901	TAZ	X
TBC1D1	23216	TBC1D1	4
TBC1D10A	83874	TBC1D10A	22
TBC1D10B	26000	TBC1D10B	16
TBC1D10C	374403	TBC1D10C	11
TBC1D13	54662	TBC1D13	9
TBC1D14	57533	TBC1D14	4
TBC1D15	64786	TBC1D15	12
TBC1D16	125058	TBC1D16	17
TBC1D17	79735	TBC1D17	19
TBC1D19	55296	TBC1D19	4
TBC1D2	55357	TBC1D2	9
TBC1D20	128637	TBC1D20	20
TBC1D22A	25771	TBC1D22A	22
TBC1D22B	55633	TBC1D22B	6
TBC1D23	55773	TBC1D23	3
TBC1D24	57465	TBC1D24	16
TBC1D26	353149	TBC1D26	17
TBC1D2B	23102	TBC1D2B	15
TBC1D3F	729873	TBC1D3F	17
TBC1D3H	727735	TBC1D3H	
TBC1D3I	643947	TBC1D3I	17
TBC1D4	9882	TBC1D4	13
TBC1D7	51256	TBC1D7	6
TBC1D8	11138	TBC1D8	
TBC1D8B	54885	TBC1D8B	X
TBC1D9	23158	TBC1D9	4
TBC1D9B	23061	TBC1D9B	5
TBCA	6902	TBCA	5
TBCB	1155	TBCB	19
TBCC	6903	TBCC	6
TBCCD1	55171	TBCCD1	3
TBCD	6904	TBCD	17
TBCE	6905	TBCE	1
TBCEL	219899	TBCEL	11
TBK1	29110	TBK1	12
TBKBP1	9755	TBKBP1	17
TBL1X	6907	TBL1X	X
TBL1XR1	79718	TBL1XR1	3
TBL2	26608	TBL2	7
TBL3	10607	TBL3	16
TBP	6908	TBP	6
TBPL1	9519	TBPL1	6

TBRG4	9238	TBRG4	7
TBX18	9096	TBX18	6
TBX20	57057	TBX20	7
TBX22	50945	TBX22	X
TBX3	6926	TBX3	12
TC2N	123036	TC2N	14
TCAM1	146771	TCAM1	17
TCBA1	154215	TCBA1	6
TCEA1	6917	TCEA1	8
TCEA2	6919	TCEA2	20
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TCEAL1	9338	TCEAL1	X
TCEAL2	140597	TCEAL2	X
TCEAL3	85012	TCEAL3	X
TCEAL4	79921	TCEAL4	X
TCEAL7	56849	TCEAL7	X
TCEAL8	90843	TCEAL8	X
TCEB1	6921	TCEB1	8
TCEB1P3	644540	TCEB1P3	
TCEB3	6924	TCEB3	1
TCEB3B	51224	TCEB3B	18
TCERG1	10915	TCERG1	5
TCF12	6938	TCF12	15
TCF19	6941	TCF19	6
TCF25	22980	TCF25	16
TCF3	6929	TCF3	19
TCF4	6925	TCF4	18
TCFL5	10732	TCFL5	20
TCHH	7062	TCHH	1
TCHP	84260	TCHP	12
TCIRG1	10312	TCIRG1	11
TCL1A	8115	TCL1A	14
TCL1B	9623	TCL1B	14
TCL6	27004	TCL6	14
TCN2	6948	TCN2	22
TCOF1	6949	TCOF1	5
TCP1	6950	TCP1	6
TCP10	6953	TCP10	6
TCP11L1	55346	TCP11L1	11
TCP11L2	255394	TCP11L2	12
TCTA	6988	TCTA	3
TCTEX1D2	255758	TCTEX1D2	3
TCTN1	79600	TCTN1	12
TCTN3	26123	TCTN3	

TDG	6996	TDG	12
TDGF1	6997	TDGF1	3
TDH	157739	TDH	8
TDP1	55775	TDP1	14
TDRD1	56165	TDRD1	10
TDRD3	81550	TDRD3	13
TDRD7	23424	TDRD7	9
TDRKH	11022	TDRKH	1
TEAD2	8463	TEAD2	19
TEAD3	7005	TEAD3	6
TEAD4	7004	TEAD4	12
TECPR1	25851	TECPR1	7
TECR	9524	TECR	19
TEDDM1	127670	TEDDM1	1
TEF	7008	TEF	22
TEKT1	83659	TEKT1	17
TEKT4	150483	TEKT4	2
TEKT5	146279	TEKT5	16
TELO2	9894	TELO2	16
TERC	7012	TERC	3
TERF2IP	54386	TERF2IP	16
TERT	7015	TERT	5
TES	26136	TES	7
TESC	54997	TESC	12
TESK1	7016	TESK1	9
TESK2	10420	TESK2	1
TESSP5	377047	TESSP5	3
TET1	80312	TET1	10
TEX10	54881	TEX10	9
TEX2	55852	TEX2	17
TEX261	113419	TEX261	2
TEX264	51368	TEX264	3
TFAM	7019	TFAM	10
TFAMP1	260341	TFAMP1	7
TFAP2A	7020	TFAP2A	6
TFAP2D	83741	TFAP2D	6
TFAP4	7023	TFAP4	16
TFB1M	51106	TFB1M	6
TFB2M	64216	TFB2M	1
TFCP2L1	29842	TFCP2L1	2
TFDP1	7027	TFDP1	13
TFDP2	7029	TFDP2	3
TFEB	7942	TFEB	6
TFEC	22797	TFEC	7

TFF3	7033	TFF3	21
TFG	10342	TFG	3
TFIP11	24144	TFIP11	22
TFPI	7035	TFPI	2
TFPI2	7980	TFPI2	7
TFPT	29844	TFPT	19
TFR2	7036	TFR2	7
TFRC	7037	TFRC	3
TGDS	23483	TGDS	13
TGFA	7039	TGFA	2
TGFB1I1	7041	TGFB1I1	16
TGFBI	7045	TGFBI	5
TGFBR2	7048	TGFBR2	3
TGFBR3	7049	TGFBR3	1
TGFBRAP1	9392	TGFBRAP1	2
TGIF1	7050	TGIF1	18
TGIF2	60436	TGIF2	20
TGM2	7052	TGM2	20
TGM7	116179	TGM7	15
TGOLN2	10618	TGOLN2	2
TH1L	51497	TH1L	20
THADA	63892	THADA	2
THAP1	55145	THAP1	8
THAP10	56906	THAP10	15
THAP11	57215	THAP11	16
THAP3	90326	THAP3	1
THAP4	51078	THAP4	2
THAP5	168451	THAP5	7
THAP6	152815	THAP6	4
THAP7	80764	THAP7	22
THAP8	199745	THAP8	19
THAP9	79725	THAP9	4
THBS4	7060	THBS4	5
THEM2	55856	THEM2	6
THEM4	117145	THEM4	1
THEM5	284486	THEM5	1
THG1L	54974	THG1L	5
THNSL1	79896	THNSL1	10
THNSL2	55258	THNSL2	2
THOC1	9984	THOC1	18
THOC3	84321	THOC3	5
THOC4	10189	THOC4	
THOC5	8563	THOC5	22
THOC6	79228	THOC6	16

THOC7	80145	THOC7	3
THOP1	7064	THOP1	19
THPO	7066	THPO	3
THRAP5	10025	THRAP5	
THSD3	145501	THSD3	14
THSD7A	221981	THSD7A	7
THTPA	79178	THTPA	14
THUMPD1	55623	THUMPD1	16
THUMPD2	80745	THUMPD2	2
THUMPD3	25917	THUMPD3	3
THY1	7070	THY1	11
THYN1	29087	THYN1	11
TIA1	7072	TIA1	2
TIAF1	9220	TIAF1	17
TIAL1	7073	TIAL1	10
TIAM1	7074	TIAM1	21
TIAM2	26230	TIAM2	6
TICAM1	148022	TICAM1	19
TICAM2	353376	TICAM2	5
TIFA	92610	TIFA	4
TIGA1	114915	TIGA1	5
TIGD2	166815	TIGD2	4
TIGD5	84948	TIGD5	8
TIGD6	81789	TIGD6	5
TIGD7	91151	TIGD7	16
TIGIT	201633	TIGIT	3
TIMD4	91937	TIMD4	5
TIMELESS	8914	TIMELESS	12
TIMM10	26519	TIMM10	11
TIMM17A	10440	TIMM17A	1
TIMM17B	10245	TIMM17B	X
TIMM22	29928	TIMM22	17
TIMM23	10431	TIMM23	10
TIMM44	10469	TIMM44	19
TIMM8A	1678	TIMM8A	X
TIMM8B	26521	TIMM8B	11
TIMM9	26520	TIMM9	14
TIMP1	7076	TIMP1	X
TIMP2	7077	TIMP2	
TINF2	26277	TINF2	14
TINP1	10412	TINP1	5
TIPARP	25976	TIPARP	3
TIPIN	54962	TIPIN	15
TIRAP	114609	TIRAP	11

TJAP1	93643	TJAP1	6
TJP1	7082	TJP1	15
TJP2	9414	TJP2	9
TJP3	27134	TJP3	19
TK1	7083	TK1	
TK2	7084	TK2	16
TKT	7086	TKT	3
TKTL1	8277	TKTL1	X
TLCD1	116238	TLCD1	17
TLE1	7088	TLE1	9
TLE2	7089	TLE2	19
TLE3	7090	TLE3	15
TLE4	7091	TLE4	9
TLE6	79816	TLE6	19
TLK1	9874	TLK1	2
TLK2	11011	TLK2	17
TLN1	7094	TLN1	9
TLN2	83660	TLN2	15
TLR1	7096	TLR1	4
TLR10	81793	TLR10	4
TLR4	7099	TLR4	9
TLR5	7100	TLR5	1
TLR6	10333	TLR6	4
TLR7	51284	TLR7	X
TLR9	54106	TLR9	3
TLX2	3196	TLX2	2
TM2D2	83877	TM2D2	8
TM2D3	80213	TM2D3	15
TM4SF1	4071	TM4SF1	3
TM6SF1	53346	TM6SF1	15
TM7SF2	7108	TM7SF2	11
TM7SF3	51768	TM7SF3	12
TM9SF1	10548	TM9SF1	14
TM9SF2	9375	TM9SF2	13
TM9SF3	56889	TM9SF3	10
TM9SF4	9777	TM9SF4	20
TMBIM1	64114	TMBIM1	2
TMBIM4	51643	TMBIM4	12
TMBIM6	7009	TMBIM6	12
TMC1	117531	TMC1	9
TMC3	342125	TMC3	15
TMC4	147798	TMC4	19
TMC6	11322	TMC6	17
TMC8	147138	TMC8	17

TMCC1	23023	TMCC1	3
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TMCC3	57458	TMCC3	12
TMCO1	54499	TMCO1	1
TMCO3	55002	TMCO3	13
TMCO4	255104	TMCO4	1
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TMED1	11018	TMED1	19
TMED10P	286102	TMED10P	8
TMED2	10959	TMED2	12
TMED3	23423	TMED3	15
TMED4	222068	TMED4	7
TMED5	50999	TMED5	1
TMED7	51014	TMED7	5
TMED9	54732	TMED9	5
TMEFF1	8577	TMEFF1	9
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TMEM100	55273	TMEM100	17
TMEM101	84336	TMEM101	17
TMEM104	54868	TMEM104	17
TMEM105	284186	TMEM105	17
TMEM106A	113277	TMEM106A	17
TMEM106B	54664	TMEM106B	7
TMEM106C	79022	TMEM106C	12
TMEM107	84314	TMEM107	17
TMEM109	79073	TMEM109	11
TMEM11	8834	TMEM11	17
TMEM111	55831	TMEM111	3
TMEM115	11070	TMEM115	3
TMEM116	89894	TMEM116	12
TMEM117	84216	TMEM117	12
TMEM118	84900	TMEM118	
TMEM119	338773	TMEM119	12
TMEM120A	83862	TMEM120A	7
TMEM120B	144404	TMEM120B	12
TMEM121	80757	TMEM121	14
TMEM123	114908	TMEM123	11
TMEM126A	84233	TMEM126A	11
TMEM126B	55863	TMEM126B	11
TMEM127	55654	TMEM127	2
TMEM128	85013	TMEM128	4
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TMEM132A	54972	TMEM132A	11
TMEM133	83935	TMEM133	11
TMEM134	80194	TMEM134	11
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TMEM136	219902	TMEM136	11
TMEM138	51524	TMEM138	11
TMEM140	55281	TMEM140	7
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TMEM145	284339	TMEM145	19
TMEM147	10430	TMEM147	19
TMEM149	79713	TMEM149	19
TMEM14A	28978	TMEM14A	6
TMEM14B	81853	TMEM14B	6
TMEM14C	51522	TMEM14C	6
TMEM14D	645203	TMEM14D	10
TMEM150A	129303	TMEM150A	2
TMEM150B	284417	TMEM150B	19
TMEM151A	256472	TMEM151A	11
TMEM154	201799	TMEM154	4
TMEM155	132332	TMEM155	4
TMEM156	80008	TMEM156	4
TMEM158	25907	TMEM158	3
TMEM159	57146	TMEM159	16
TMEM161A	54929	TMEM161A	19
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TMEM165	55858	TMEM165	4
TMEM167A	153339	TMEM167A	5
TMEM167B	56900	TMEM167B	1
TMEM168	64418	TMEM168	7
TMEM169	92691	TMEM169	2
TMEM16J	338440	TMEM16J	
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TMEM170A	124491	TMEM170A	16
TMEM170B	100113407	TMEM170B	6
TMEM173	340061	TMEM173	5
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TMEM177	80775	TMEM177	2
TMEM179B	374395	TMEM179B	11
TMEM18	129787	TMEM18	2
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TMEM181	57583	TMEM181	6
TMEM183A	92703	TMEM183A	1
TMEM183B	653659	TMEM183B	3
TMEM184A	202915	TMEM184A	7
TMEM184B	25829	TMEM184B	22
TMEM184C	55751	TMEM184C	4
TMEM185A	84548	TMEM185A	X
TMEM185B	79134	TMEM185B	2
TMEM187	8269	TMEM187	X
TMEM188	255919	TMEM188	16
TMEM189	387521	TMEM189	20
TMEM19	55266	TMEM19	12
TMEM191A	84222	TMEM191A	22
TMEM191B	728229	TMEM191B	22
TMEM192	201931	TMEM192	4
TMEM194	23306	TMEM194	12
TMEM194A	23306	TMEM194A	12
TMEM194B	100131211	TMEM194B	2
TMEM198	130612	TMEM198	2
TMEM199	147007	TMEM199	17
TMEM2	23670	TMEM2	9
TMEM20	159371	TMEM20	10
TMEM200A	114801	TMEM200A	6
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TMEM209	84928	TMEM209	7
TMEM213	155006	TMEM213	7
TMEM214	54867	TMEM214	2
TMEM216	51259	TMEM216	11
TMEM219	124446	TMEM219	16
TMEM22	80723	TMEM22	3
TMEM222	84065	TMEM222	1
TMEM231	79583	TMEM231	16
TMEM25	84866	TMEM25	11
TMEM26	219623	TMEM26	10
TMEM27	57393	TMEM27	X
TMEM30A	55754	TMEM30A	6
TMEM30B	161291	TMEM30B	14
TMEM33	55161	TMEM33	4
TMEM34	55751	TMEM34	4

TMEM38A	79041	TMEM38A	19
TMEM38B	55151	TMEM38B	9
TMEM39A	55254	TMEM39A	3
TMEM39B	55116	TMEM39B	1
TMEM4	10330	TMEM4	12
TMEM41A	90407	TMEM41A	3
TMEM41B	440026	TMEM41B	11
TMEM42	131616	TMEM42	3
TMEM43	79188	TMEM43	3
TMEM44	93109	TMEM44	3
TMEM45A	55076	TMEM45A	3
TMEM48	55706	TMEM48	1
TMEM49	81671	TMEM49	17
TMEM5	10329	TMEM5	12
TMEM50A	23585	TMEM50A	1
TMEM50B	757	TMEM50B	21
TMEM51	55092	TMEM51	1
TMEM52	339456	TMEM52	1
TMEM53	79639	TMEM53	1
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TMEM55A	55529	TMEM55A	8
TMEM55B	90809	TMEM55B	14
TMEM56	148534	TMEM56	1
TMEM57	55219	TMEM57	1
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TMEM59L	25789	TMEM59L	19
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TMEM63A	9725	TMEM63A	1
TMEM63B	55362	TMEM63B	6
TMEM63C	57156	TMEM63C	14
TMEM64	169200	TMEM64	8
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TMEM67	91147	TMEM67	8
TMEM68	137695	TMEM68	8
TMEM69	51249	TMEM69	1
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TMEM71	137835	TMEM71	8
TMEM74	157753	TMEM74	8
TMEM77	128338	TMEM77	1
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TMEM8	58986	TMEM8	16
TMEM80	283232	TMEM80	

TMEM83	145978	TMEM83	15
TMEM85	51234	TMEM85	15
TMEM86B	255043	TMEM86B	19
TMEM87A	25963	TMEM87A	15
TMEM87B	84910	TMEM87B	2
TMEM88	92162	TMEM88	17
TMEM8B	51754	TMEM8B	9
TMEM9	252839	TMEM9	1
TMEM91	641649	TMEM91	
TMEM93	83460	TMEM93	17
TMEM95	339168	TMEM95	17
TMEM97	27346	TMEM97	17
TMEM98	26022	TMEM98	17
TMEM99	147184	TMEM99	17
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TMIGD1	388364	TMIGD1	17
TMLHE	55217	TMLHE	X
TMOD1	7111	TMOD1	9
TMOD2	29767	TMOD2	15
TMOD3	29766	TMOD3	15
TMPO	7112	TMPO	12
TMPRSS11A	339967	TMPRSS11A	4
TMPRSS11B	132724	TMPRSS11B	4
TMPRSS12	283471	TMPRSS12	12
TMPRSS13	84000	TMPRSS13	11
TMPRSS7	344805	TMPRSS7	
TMPRSS9	360200	TMPRSS9	19
TMSB10	9168	TMSB10	2
TMSB15A	11013	TMSB15A	X
TMSB4X	7114	TMSB4X	X
TMSB4Y	9087	TMSB4Y	Y
TMSL3	7117	TMSL3	4
TMTC3	160418	TMTC3	12
TMTC4	84899	TMTC4	13
TMUB1	83590	TMUB1	7
TMUB2	79089	TMUB2	17
TMX1	81542	TMX1	14
TMX3	54495	TMX3	18
TMX4	56255	TMX4	20
TNF	7124	TNF	6
TNFAIP1	7126	TNFAIP1	17
TNFAIP3	7128	TNFAIP3	6
TNFAIP8	25816	TNFAIP8	5

TNFAIP8L1	126282	TNFAIP8L1	19
TNFAIP8L2	79626	TNFAIP8L2	
TNFAIP8L3	388121	TNFAIP8L3	15
TNFRSF10A	8797	TNFRSF10A	8
TNFRSF10B	8795	TNFRSF10B	8
TNFRSF10C	8794	TNFRSF10C	8
TNFRSF10D	8793	TNFRSF10D	8
TNFRSF11A	8792	TNFRSF11A	18
TNFRSF12A	51330	TNFRSF12A	16
TNFRSF13B	23495	TNFRSF13B	17
TNFRSF13C	115650	TNFRSF13C	22
TNFRSF14	8764	TNFRSF14	1
TNFRSF17	608	TNFRSF17	16
TNFRSF18	8784	TNFRSF18	1
TNFRSF1A	7132	TNFRSF1A	12
TNFRSF1B	7133	TNFRSF1B	1
TNFRSF21	27242	TNFRSF21	6
TNFRSF25	8718	TNFRSF25	1
TNFRSF4	7293	TNFRSF4	1
TNFRSF6B	8771	TNFRSF6B	20
TNFRSF8	943	TNFRSF8	1
TNFRSF9	3604	TNFRSF9	1
TNFSF10	8743	TNFSF10	3
TNFSF12-TNFSF	407977	TNFSF12-TNFSF1	17
TNFSF13B	10673	TNFSF13B	13
TNFSF14	8740	TNFSF14	19
TNFSF15	9966	TNFSF15	9
TNFSF4	7292	TNFSF4	1
TNFSF8	944	TNFSF8	9
TNFSF9	8744	TNFSF9	19
TNIP1	10318	TNIP1	5
TNIP2	79155	TNIP2	4
TNK2	10188	TNK2	3
TNKS	8658	TNKS	8
TNKS1BP1	85456	TNKS1BP1	11
TNNI2	7136	TNNI2	11
TNNI3	7137	TNNI3	19
TNNT1	7138	TNNT1	19
TNP1	7141	TNP1	2
TNPO1	3842	TNPO1	5
TNPO2	30000	TNPO2	19
TNR	7143	TNR	1
TNRC15	26058	TNRC15	2
TNRC4	11189	TNRC4	1

TNRC6A	27327	TNRC6A	16
TNRC6B	23112	TNRC6B	22
TNRC9	27324	TNRC9	16
TNS3	64759	TNS3	7
TOB1	10140	TOB1	17
TOB2	10766	TOB2	22
TOE1	114034	TOE1	1
TOLLIP	54472	TOLLIP	11
TOM1	10043	TOM1	22
TOM1L2	146691	TOM1L2	17
TOMM20	9804	TOMM20	1
TOMM22	56993	TOMM22	22
TOMM34	10953	TOMM34	20
TOMM40	10452	TOMM40	19
TOMM40L	84134	TOMM40L	1
TOMM5	401505	TOMM5	9
TOMM6	100188893	TOMM6	6
TOMM7	54543	TOMM7	7
TOMM70A	9868	TOMM70A	3
TOP	649159	TOP	
TOP1MT	116447	TOP1MT	
TOP1P1	7151	TOP1P1	1
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TOR1B	27348	TOR1B	9
TOR2A	27433	TOR2A	9
TOR3A	64222	TOR3A	1
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UTP14C	9724	UTP14C	13
UTP15	84135	UTP15	5

UTP18	51096	UTP18	17
UTP20	27340	UTP20	12
UTP23	84294	UTP23	8
UTP6	55813	UTP6	17
UTRN	7402	UTRN	6
UTS2	10911	UTS2	1
UTS2D	257313	UTS2D	3
UTX	7403	UTX	X
UTY	7404	UTY	Y
UVRAG	7405	UVRAG	11
UXT	8409	UXT	X
VAC14	55697	VAC14	
VAMP1	6843	VAMP1	12
VAMP2	6844	VAMP2	17
VAMP3	9341	VAMP3	1
VAMP4	8674	VAMP4	1
VAMP5	10791	VAMP5	2
VAMP7	6845	VAMP7	XY
VAMP8	8673	VAMP8	2
VANGL2	57216	VANGL2	1
VAPA	9218	VAPA	18
VARS	7407	VARS	6
VARS2	57176	VARS2	6
VASH1	22846	VASH1	14
VASH2	79805	VASH2	1
VASN	114990	VASN	16
VAT1	10493	VAT1	17
VAT1L	57687	VAT1L	16
VAV1	7409	VAV1	19
VAV2	7410	VAV2	9
VAV3	10451	VAV3	1
VAX2	25806	VAX2	2
VBP1	7411	VBP1	X
VCAM1	7412	VCAM1	1
VCL	7414	VCL	10
VCP	7415	VCP	9
VCPIP1	80124	VCPIP1	8
VCX-C	425054	VCX-C	X
VDAC1	7416	VDAC1	5
VDAC3	7419	VDAC3	8
VDR	7421	VDR	12
VEGFB	7423	VEGFB	
VEGFC	7424	VEGFC	4
VEZF1	7716	VEZF1	17

VEZT	55591	VEZT	12
VGF	7425	VGF	7
VGLL2	245806	VGLL2	6
VGLL4	9686	VGLL4	3
VHL	7428	VHL	3
VIL2	7430	VIL2	6
VILL	50853	VILL	3
VIM	7431	VIM	10
VIPR1	7433	VIPR1	3
VIPR2	7434	VIPR2	7
VISA	57506	VISA	20
VIT	5212	VIT	2
VKORC1	79001	VKORC1	16
VKORC1L1	154807	VKORC1L1	7
VMAC	400673	VMAC	19
VMD2L3	144453	VMD2L3	12
VMO1	284013	VMO1	17
VN1R2	317701	VN1R2	19
VN1R5	317705	VN1R5	1
VNN1	8876	VNN1	6
VNN2	8875	VNN2	6
VNN3	55350	VNN3	6
VOPP1	81552	VOPP1	7
VPRBP	9730	VPRBP	3
VPREB1	7441	VPREB1	22
VPREB3	29802	VPREB3	22
VPS11	55823	VPS11	11
VPS13B	157680	VPS13B	8
VPS16	64601	VPS16	20
VPS18	57617	VPS18	15
VPS24	51652	VPS24	2
VPS25	84313	VPS25	17
VPS26	9559	VPS26	10
VPS26A	9559	VPS26A	10
VPS26B	112936	VPS26B	11
VPS28	51160	VPS28	8
VPS29	51699	VPS29	12
VPS33A	65082	VPS33A	12
VPS33B	26276	VPS33B	15
VPS35	55737	VPS35	16
VPS36	51028	VPS36	13
VPS37A	137492	VPS37A	8
VPS37B	79720	VPS37B	12
VPS37C	55048	VPS37C	11

VPS37D	155382	VPS37D	7
VPS39	23339	VPS39	15
VPS41	27072	VPS41	7
VPS45	11311	VPS45	1
VPS4A	27183	VPS4A	16
VPS4B	9525	VPS4B	18
VPS52	6293	VPS52	6
VPS53	55275	VPS53	17
VPS54	51542	VPS54	2
VPS72	6944	VPS72	1
VPS8	23355	VPS8	3
VRK1	7443	VRK1	14
VRK2	7444	VRK2	2
VRK3	51231	VRK3	19
VSIG4	11326	VSIG4	X
VSIG6	388078	VSIG6	15
VTA1	51534	VTA1	6
VTI1B	10490	VTI1B	14
VTRNA1-1	56664	VTRNA1-1	5
VWA1	64856	VWA1	1
VWA5A	4013	VWA5A	11
VWA5B1	127731	VWA5B1	1
VWC2	375567	VWC2	7
VWCE	220001	VWCE	11
WAC	51322	WAC	10
WARS	7453	WARS	14
WARS2	10352	WARS2	1
WAS	7454	WAS	X
WASF1	8936	WASF1	6
WASF2	10163	WASF2	1
WASF3	10810	WASF3	13
WASH2P	375260	WASH2P	2
WASPIP	7456	WASPIP	2
WBP1	23559	WBP1	2
WBP11	51729	WBP11	12
WBP11P1	441818	WBP11P1	18
WBP2	23558	WBP2	17
WBP4	11193	WBP4	13
WBP5	51186	WBP5	X
WBSCR16	81554	WBSCR16	7
WBSCR19	285955	WBSCR19	
WBSCR22	114049	WBSCR22	7
WBSCR27	155368	WBSCR27	7
WDFY1	57590	WDFY1	2

WDFY2	115825	WDFY2	13
WDFY4	57705	WDFY4	10
WDHD1	11169	WDHD1	14
WDR1	9948	WDR1	4
WDR12	55759	WDR12	2
WDR13	64743	WDR13	X
WDR17	116966	WDR17	4
WDR18	57418	WDR18	19
WDR19	57728	WDR19	4
WDR20	91833	WDR20	14
WDR21A	26094	WDR21A	14
WDR23	80344	WDR23	14
WDR24	84219	WDR24	16
WDR25	79446	WDR25	14
WDR26	80232	WDR26	1
WDR27	253769	WDR27	6
WDR3	10885	WDR3	1
WDR31	114987	WDR31	9
WDR33	55339	WDR33	2
WDR34	89891	WDR34	9
WDR35	57539	WDR35	2
WDR36	134430	WDR36	5
WDR37	22884	WDR37	10
WDR4	10785	WDR4	21
WDR40A	25853	WDR40A	9
WDR41	55255	WDR41	5
WDR42A	50717	WDR42A	1
WDR43	23160	WDR43	
WDR44	54521	WDR44	X
WDR45	11152	WDR45	X
WDR45L	56270	WDR45L	17
WDR46	9277	WDR46	6
WDR47	22911	WDR47	1
WDR48	57599	WDR48	3
WDR49	151790	WDR49	3
WDR5	11091	WDR5	9
WDR51A	25886	WDR51A	3
WDR51B	282809	WDR51B	12
WDR53	348793	WDR53	3
WDR54	84058	WDR54	2
WDR55	54853	WDR55	5
WDR57	9410	WDR57	1
WDR59	79726	WDR59	16
WDR5B	54554	WDR5B	3

WDR6	11180	WDR6	3
WDR60	55112	WDR60	
WDR61	80349	WDR61	15
WDR62	284403	WDR62	19
WDR63	126820	WDR63	1
WDR66	144406	WDR66	12
WDR67	93594	WDR67	8
WDR68	10238	WDR68	17
WDR7	23335	WDR7	18
WDR70	55100	WDR70	5
WDR73	84942	WDR73	15
WDR74	54663	WDR74	
WDR75	84128	WDR75	2
WDR76	79968	WDR76	15
WDR77	79084	WDR77	1
WDR78	79819	WDR78	1
WDR79	55135	WDR79	17
WDR8	49856	WDR8	1
WDR81	124997	WDR81	17
WDR82	80335	WDR82	3
WDR85	92715	WDR85	9
WDR88	126248	WDR88	19
WDR89	112840	WDR89	14
WDR90	197335	WDR90	16
WDR91	29062	WDR91	7
WDR92	116143	WDR92	2
WDSOF1	25879	WDSOF1	8
WDSUB1	151525	WDSUB1	2
WDTC1	23038	WDTC1	1
WDYHV1	55093	WDYHV1	8
WEE1	7465	WEE1	11
WFDC11	259239	WFDC11	20
WFDC13	164237	WFDC13	20
WFDC3	140686	WFDC3	20
WFDC6	140870	WFDC6	20
WFDC8	90199	WFDC8	20
WFS1	7466	WFS1	4
WHAMM	123720	WHAMM	15
WHDC1L1	339005	WHDC1L1	15
WHDC1L2	440253	WHDC1L2	
WHSC1	7468	WHSC1	4
WHSC1L1	54904	WHSC1L1	8
WHSC2	7469	WHSC2	4
WIBG	84305	WIBG	12

WIF1	11197	WIF1	12
WIPI1	55062	WIPI1	
WIPI2	26100	WIPI2	7
WISP2	8839	WISP2	20
WNK1	65125	WNK1	12
WNK2	65268	WNK2	9
WNK4	65266	WNK4	17
WNT1	7471	WNT1	12
WNT10A	80326	WNT10A	2
WNT10B	7480	WNT10B	12
WNT3	7473	WNT3	17
WNT5A	7474	WNT5A	3
WNT7B	7477	WNT7B	22
WNT8A	7478	WNT8A	5
WRB	7485	WRB	21
WRN	7486	WRN	8
WRNIP1	56897	WRNIP1	6
WSB1	26118	WSB1	17
WSB2	55884	WSB2	12
WSCD1	23302	WSCD1	17
WTAP	9589	WTAP	6
WTIP	126374	WTIP	19
WWC1	23286	WWC1	5
WWC3	55841	WWC3	X
WWOX	51741	WWOX	16
WWP1	11059	WWP1	8
WWP2	11060	WWP2	16
XAB2	56949	XAB2	19
XAF1	54739	XAF1	17
XAGE1B	653220	XAGE1B	X
XAGE1C	653048	XAGE1C	X
XAGE1D	9503	XAGE1D	X
XAGE1E	653067	XAGE1E	X
XAGE-4	139629	XAGE-4	X
XBP1	7494	XBP1	22
XDH	7498	XDH	2
XIAP	331	XIAP	X
XIRP1	165904	XIRP1	3
XIST	7503	XIST	X
XK	7504	XK	X
XKR3	150165	XKR3	22
XKR6	286046	XKR6	8
XKRX	402415	XKRX	X
XPA	7507	XPA	9

XPC	7508	XPC	3
XPNPEP1	7511	XPNPEP1	10
XPNPEP3	63929	XPNPEP3	22
XPO1	7514	XPO1	2
XPO4	64328	XPO4	13
XPO5	57510	XPO5	6
XPO6	23214	XPO6	16
XPO7	23039	XPO7	8
XPOT	11260	XPOT	12
XPR1	9213	XPR1	1
XRCC1	7515	XRCC1	19
XRCC2	7516	XRCC2	7
XRCC3	7517	XRCC3	14
XRCC4	7518	XRCC4	5
XRCC5	7520	XRCC5	2
XRCC6	2547	XRCC6	22
XRCC6BP1	91419	XRCC6BP1	12
XRN1	54464	XRN1	3
XYLB	9942	XYLB	3
XYLT1	64131	XYLT1	16
XYLT2	64132	XYLT2	17
YAF2	10138	YAF2	12
YAP1	10413	YAP1	11
YARS	8565	YARS	1
YARS2	51067	YARS2	12
YBX1	4904	YBX1	1
YBX2	51087	YBX2	
YDJC	150223	YDJC	22
YEATS2	55689	YEATS2	3
YEATS4	8089	YEATS4	12
YES1	7525	YES1	18
YIF1A	10897	YIF1A	11
YIF1B	90522	YIF1B	19
YIPF1	54432	YIPF1	1
YIPF3	25844	YIPF3	6
YIPF4	84272	YIPF4	2
YIPF5	81555	YIPF5	5
YIPF6	286451	YIPF6	X
YIPF7	285525	YIPF7	4
YJEFN3	374887	YJEFN3	19
YKT6	10652	YKT6	7
YLPM1	56252	YLPM1	14
YME1L1	10730	YME1L1	10
YOD1	55432	YOD1	1

YPEL1	29799	YPEL1	22
YPEL2	388403	YPEL2	17
YPEL3	83719	YPEL3	16
YPEL4	219539	YPEL4	11
YPEL5	51646	YPEL5	2
YRDC	79693	YRDC	1
YSK4	80122	YSK4	2
YTHDC1	91746	YTHDC1	4
YTHDC2	64848	YTHDC2	5
YTHDF1	54915	YTHDF1	20
YTHDF2	51441	YTHDF2	1
YTHDF3	253943	YTHDF3	8
YWHAB	7529	YWHAB	20
YWHAE	7531	YWHAE	17
YWHAG	7532	YWHAG	7
YWHAH	7533	YWHAH	22
YWHAQ	10971	YWHAQ	2
YWHAZ	7534	YWHAZ	8
YY1	7528	YY1	14
ZADH2	284273	ZADH2	18
ZAK	51776	ZAK	2
ZBED1	9189	ZBED1	Y
ZBED2	79413	ZBED2	3
ZBED3	84327	ZBED3	5
ZBED4	9889	ZBED4	22
ZBED5	58486	ZBED5	11
ZBP1	81030	ZBP1	20
ZBTB10	65986	ZBTB10	8
ZBTB11	27107	ZBTB11	3
ZBTB17	7709	ZBTB17	1
ZBTB2	57621	ZBTB2	6
ZBTB20	26137	ZBTB20	3
ZBTB22	9278	ZBTB22	6
ZBTB24	9841	ZBTB24	6
ZBTB25	7597	ZBTB25	14
ZBTB26	57684	ZBTB26	9
ZBTB3	79842	ZBTB3	11
ZBTB32	27033	ZBTB32	19
ZBTB33	10009	ZBTB33	X
ZBTB34	403341	ZBTB34	9
ZBTB38	253461	ZBTB38	
ZBTB39	9880	ZBTB39	12
ZBTB4	57659	ZBTB4	17
ZBTB41	360023	ZBTB41	1

ZBTB42	100128927	ZBTB42	14
ZBTB43	23099	ZBTB43	9
ZBTB44	29068	ZBTB44	11
ZBTB45	84878	ZBTB45	19
ZBTB46	140685	ZBTB46	20
ZBTB47	92999	ZBTB47	3
ZBTB48	3104	ZBTB48	1
ZBTB5	9925	ZBTB5	9
ZBTB7C	201501	ZBTB7C	18
ZBTB8A	653121	ZBTB8A	1
ZBTB8OS	339487	ZBTB8OS	1
ZBTB9	221504	ZBTB9	6
ZC3H10	84872	ZC3H10	12
ZC3H11B	643136	ZC3H11B	
ZC3H12A	80149	ZC3H12A	1
ZC3H12B	340554	ZC3H12B	X
ZC3H12C	85463	ZC3H12C	11
ZC3H12D	340152	ZC3H12D	6
ZC3H13	23091	ZC3H13	13
ZC3H14	79882	ZC3H14	14
ZC3H15	55854	ZC3H15	2
ZC3H18	124245	ZC3H18	16
ZC3H3	23144	ZC3H3	8
ZC3H4	23211	ZC3H4	19
ZC3H5	85451	ZC3H5	
ZC3H7A	29066	ZC3H7A	16
ZC3H8	84524	ZC3H8	2
ZC3HAV1	56829	ZC3HAV1	7
ZC3HAV1L	92092	ZC3HAV1L	7
ZC3HC1	51530	ZC3HC1	7
ZC4H2	55906	ZC4H2	X
ZCCHC10	54819	ZCCHC10	5
ZCCHC11	23318	ZCCHC11	1
ZCCHC12	170261	ZCCHC12	X
ZCCHC14	23174	ZCCHC14	16
ZCCHC17	51538	ZCCHC17	1
ZCCHC2	54877	ZCCHC2	18
ZCCHC24	219654	ZCCHC24	10
ZCCHC3	85364	ZCCHC3	20
ZCCHC4	29063	ZCCHC4	4
ZCCHC6	79670	ZCCHC6	9
ZCCHC7	84186	ZCCHC7	9
ZCCHC8	55596	ZCCHC8	12
ZCCHC9	84240	ZCCHC9	5

ZCRB1	85437	ZCRB1	12
ZCWPW1	55063	ZCWPW1	7
ZCWPW2	152098	ZCWPW2	3
ZDHHC11	79844	ZDHHC11	5
ZDHHC12	84885	ZDHHC12	9
ZDHHC13	54503	ZDHHC13	11
ZDHHC14	79683	ZDHHC14	6
ZDHHC16	84287	ZDHHC16	10
ZDHHC17	23390	ZDHHC17	12
ZDHHC2	51201	ZDHHC2	8
ZDHHC23	254887	ZDHHC23	3
ZDHHC24	254359	ZDHHC24	11
ZDHHC3	51304	ZDHHC3	3
ZDHHC4	55146	ZDHHC4	7
ZDHHC5	25921	ZDHHC5	11
ZDHHC6	64429	ZDHHC6	10
ZDHHC7	55625	ZDHHC7	16
ZDHHC8	29801	ZDHHC8	22
ZDHHC8P	150244	ZDHHC8P	22
ZDHHC9	51114	ZDHHC9	X
ZEB1	6935	ZEB1	10
ZEB2	9839	ZEB2	2
ZER1	10444	ZER1	9
ZFAND1	79752	ZFAND1	8
ZFAND2A	90637	ZFAND2A	7
ZFAND2B	130617	ZFAND2B	2
ZFAND3	60685	ZFAND3	6
ZFAND5	7763	ZFAND5	9
ZFAND6	54469	ZFAND6	15
ZFC3H1	196441	ZFC3H1	12
ZFHX2	85446	ZFHX2	14
ZFHX3	463	ZFHX3	16
ZFP1	162239	ZFP1	16
ZFP106	64397	ZFP106	15
ZFP14	57677	ZFP14	19
ZFP161	7541	ZFP161	18
ZFP3	124961	ZFP3	17
ZFP30	22835	ZFP30	19
ZFP36	7538	ZFP36	19
ZFP36L1	677	ZFP36L1	14
ZFP36L2	678	ZFP36L2	2
ZFP37	7539	ZFP37	9
ZFP57	346171	ZFP57	6
ZFP62	643836	ZFP62	5

ZFP64	55734	ZFP64	20
ZFP82	284406	ZFP82	19
ZFP90	146198	ZFP90	16
ZFP91	80829	ZFP91	11
ZFP92	139735	ZFP92	X
ZFPL1	7542	ZFPL1	11
ZFPM1	161882	ZFPM1	16
ZFR	51663	ZFR	5
ZFX	7543	ZFX	X
ZFY	7544	ZFY	Y
ZFYVE1	53349	ZFYVE1	14
ZFYVE16	9765	ZFYVE16	5
ZFYVE19	84936	ZFYVE19	15
ZFYVE20	64145	ZFYVE20	3
ZFYVE21	79038	ZFYVE21	14
ZFYVE26	23503	ZFYVE26	14
ZHX1	11244	ZHX1	8
ZHX2	22882	ZHX2	8
ZHX3	23051	ZHX3	20
ZIC1	7545	ZIC1	3
ZIC2	7546	ZIC2	13
ZIC5	85416	ZIC5	13
ZIK1	284307	ZIK1	19
ZIM2	23619	ZIM2	19
ZIM3	114026	ZIM3	19
ZKSCAN1	7586	ZKSCAN1	7
ZKSCAN2	342357	ZKSCAN2	16
ZKSCAN3	80317	ZKSCAN3	6
ZKSCAN4	387032	ZKSCAN4	6
ZKSCAN5	23660	ZKSCAN5	7
ZMAT2	153527	ZMAT2	5
ZMAT3	64393	ZMAT3	3
ZMAT5	55954	ZMAT5	22
ZMIZ1	57178	ZMIZ1	10
ZMIZ2	83637	ZMIZ2	7
ZMPSTE24	10269	ZMPSTE24	1
ZMYM1	79830	ZMYM1	1
ZMYM3	9203	ZMYM3	X
ZMYM4	9202	ZMYM4	1
ZMYM5	9205	ZMYM5	13
ZMYM6	9204	ZMYM6	1
ZMYND11	10771	ZMYND11	10
ZMYND12	84217	ZMYND12	1
ZMYND19	116225	ZMYND19	9

ZMYND8	23613	ZMYND8	20
ZNF10	7556	ZNF10	12
ZNF101	94039	ZNF101	19
ZNF107	51427	ZNF107	7
ZNF114	163071	ZNF114	19
ZNF121	7675	ZNF121	19
ZNF124	7678	ZNF124	1
ZNF131	7690	ZNF131	5
ZNF133	7692	ZNF133	20
ZNF134	7693	ZNF134	19
ZNF136	7695	ZNF136	
ZNF137	7696	ZNF137	
ZNF138	7697	ZNF138	7
ZNF14	7561	ZNF14	19
ZNF140	7699	ZNF140	12
ZNF142	7701	ZNF142	2
ZNF143	7702	ZNF143	11
ZNF146	7705	ZNF146	19
ZNF148	7707	ZNF148	3
ZNF154	7710	ZNF154	19
ZNF16	7564	ZNF16	8
ZNF160	90338	ZNF160	19
ZNF165	7718	ZNF165	6
ZNF17	7565	ZNF17	19
ZNF174	7727	ZNF174	16
ZNF175	7728	ZNF175	19
ZNF177	7730	ZNF177	19
ZNF18	7566	ZNF18	17
ZNF181	339318	ZNF181	19
ZNF184	7738	ZNF184	6
ZNF185	7739	ZNF185	X
ZNF187	7741	ZNF187	6
ZNF193	7746	ZNF193	6
ZNF195	7748	ZNF195	11
ZNF197	10168	ZNF197	3
ZNF20	7568	ZNF20	19
ZNF200	7752	ZNF200	16
ZNF202	7753	ZNF202	11
ZNF205	7755	ZNF205	16
ZNF207	7756	ZNF207	17
ZNF211	10520	ZNF211	19
ZNF212	7988	ZNF212	7
ZNF213	7760	ZNF213	16
ZNF214	7761	ZNF214	11

ZNF215	7762	ZNF215	11
ZNF217	7764	ZNF217	20
ZNF219	51222	ZNF219	14
ZNF22	7570	ZNF22	10
ZNF223	7766	ZNF223	
ZNF226	7769	ZNF226	19
ZNF227	7770	ZNF227	19
ZNF23	7571	ZNF23	16
ZNF232	7775	ZNF232	17
ZNF234	10780	ZNF234	19
ZNF235	9310	ZNF235	19
ZNF236	7776	ZNF236	18
ZNF238	10472	ZNF238	1
ZNF239	8187	ZNF239	10
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-	Xq24c
+	7p14.2a
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-	12q13.13e
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-	1p36.13b
-	1p36.13b
-	14q32.33b
-	19q13.33b
-	19q13.2b
-	16q12.2a
-	9q32c
+	3p21.1e
+	4q13.3d
+	3q13.11c
+	19q13.33b
-	10q23.33d
-	9q21.13a
+	15q26.3c
+	9p13.1b
-	12q23.3b
+	12q24.12b
+	17p11.2d
+	11q13.2a
-	1p36.13b
+	6p22.2b
-	14q24.3a
-	5q23.2e
-	1q24.1a
+	16p11.2d
-	17q11.2a
+	16p13.3b
+	12p11.1b
+	12q12a
+	13q14.3d
-	22q13.33a
+	Xq23a
-	1p21.3d

-	3q21.2c
-	9q22.33c
-	3q27.1b
-	13q13.3b
+	1p31.3c
-	11q14.1a
-	11q23.1b
-	14q24.3d
-	12q24.11a
+	11p11.2e
-	7q22.1e
+	17p11.2f
-	19q13.12a
+	19p13.3a
-	11q22.3c
+	2p13.2a
-	17p13.1c
+	10q11.21d
+	13q12.3c
+	2q37.1c
+	4q25f
-	18q21.31b-q21.32a
+	1p36.12b
+	2q37.1c
-	2q33.1f
-	2q33.1f
-	
+	2q33.2a
-	2q33.1f
	2q33.1g-q33.2a
-	5p13.3a
-	11p11.2c
+	6q21h
+	12q23.1a
+	16p13.3d
-	16q13a
-	11q23.3d
-	3p21.31c
-	Xq22.3d
-	2q14.3e
+	14q32.32a
-	12p11.21b
-	Xq23b
-	3q22.1e

+	11p15.4a
-	3p21.31d
+	1p21.1c
-	1p21.1c
+	1p21.1c
+	1p21.1c
+	1p21.1c
+	17q24.2c
	2q13c
-	4q31.22a
	17q25.3g
-	3q22.1e
-	9q34.3e
+	4p15.2c
-	12q24.11c
+	14q11.2b
-	14q24.3c
-	1q32.3c
+	19p13.2d
-	19p13.2c
+	1p36.22b
-	10q21.2a
+	15q22.31b
-	17p13.2c
+	5q31.3a-q31.3b
+	5q31.3a-q31.3b
+	7q21.2a-q21.2b
+	19p13.11e
-	12q24.33d
-	7p21.1c-p21.1b
-	5q13.2c
-	10q23.31d
-	13q34a-q34b
-	16q24.3a-q24.3b
+	18p11.22c
+	12q24.11c
+	17q11.2b
-	1p31.1k
	11q13.1f
-	10p15.1b
-	4q13.3d
-	9p13.1b
	9p13.3d
	9q22.31b

	9q12h
+	9q12i
-	10q23.31b
-	2q11.2a
+	19p13.3e-p13.3d
-	10p12.1a
-	19q13.11a
-	3p24.3e
+	5q15b
+	12q13.13c
+	1q21.1b
+	15q25.1a
+	1q21.1b
+	2q11.2b
+	4q35.1f
-	2q11.2a
-	17q21.33b
+	19p13.11e
+	5q31.1c
-	8q22.3a
-	19p13.2d
+	11q21b
+	20p12.2b
-	4q28.1b
-	12q13.2c
+	2p13.3c
-	22q13.1a
-	4q21.1b
+	Xq24c
+	6q15c-q15d
+	7q31.31a
-	14q32.31c
+	6p21.31d
-	16p13.3b
-	9q22.33c
+	2q35f
+	7p14.2a
-	3p22.1a-p21.33e
+	12q12h
-	19p13.11e
-	15q23a
+	9q22.33b
+	12q13.11c
-	1q21.2b

+	2p14a
-	4q21.21b
-	10q11.21d
+	9q21.13a
-	10q22.3f
-	15q22.2a
-	4q31.3d
+	9p13.3d
+	4q21.21a
+	2p14a
-	4q27c
-	5q33.1d
-	10q22.2a
+	17q21.31a
+	17q21.31a
+	1p36.12a
+	2q33.1e
+	2q33.1e
-	22q12.2a
-	16q22.3a
-	14q11.2g
-	17q12b
+	7q22.1d
-	Xp22.2
-	2q36.1d
+	19q13.33b
+	3q27.1b
-	19q13.32b
-	5q14.1b
-	15q25.2a
-	19p13.3h-p13.3g
-	10q22.2b
+	8p11.21a
+	5q23.1a
-	15q26.1b
-	1p13.2b
+	15q21.2b
+	12q23.1c
-	20q11.22a
+	10p12.1b
	4p14a-p13d
-	5q31.3b
+	5q22.2a
+	18p11.22a

+	2q35f
+	3p21.31c
+	14q11.2b
+	Xp11.21a
+	15q22.2b
+	11p12a
-	11p13b
+	1p36.22c
+	19q13.12a
+	11q24.3c
-	18q21.1d
+	1q23.1a
-	11q23.3b
+	22q13.1c
+	22q13.1c
+	22q13.1c
+	22q13.1c
+	11q23.3b
+	19q13.32a
-	22q12.3d
-	22q12.3d
+	22q12.3c
+	12p13.1b
+	6p21.33a
-	Xp22.11a
+	Xq21.1e
-	17q23.2a
-	12q23.3b
-	16q24.3a
-	9p13.3e
+	11q14.1a
-	9p13.3e
-	9q12g
-	15q14a-q14b
+	Xp11.23f
-	11q13.4a-q13.4b
-	5q31.3c
-	8q24.3e
+	11q23.3d
-	Xq28f
-	4q21.21b
-	12q13.12a
-	3p14.3a
+	7q32.1a

+	14q22.1b
+	20q13.33d
-	11p11.2b
-	22q13.2c
-	8q13.2a
+	20q13.13c
+	4q31.3c
-	11p15.4c
+	14q24.1a
-	12p11.22a
-	17q11.2d
-	13q33.3a
-	11p11.2b
+	4q31.23b
+	15q13.3c
+	15q13.2b
-	10p11.22c
+	2q22.2a
-	16p12.1b
-	6q22.33e
-	10q24.1b
-	10p12.1d
+	17q12c
+	4q21.23b-q21.3a
+	2p14a
+	5q31.3d-q31.3e
-	17q21.31d
-	1q23.3a
-	Xq28f
+	14q12e
-	12q13.3b
-	17q25.3g
-	12p12.3e
+	19q13.2c
+	8p23.3a
-	1q23.1b
+	11q23.3g
+	1p36.32b
+	19p13.2e
-	1p36.13f
-	1q22c
-	3p14.3b
+	2q21.1c
-	Xq26.3b-q26.3c

+	13q34b
-	Xq11.1b
+	6q25.3b-q25.3c
+	12q12h
+	19p13.3i
+	15q24.1b
-	9p13.3c
+	14q23.1b
-	1q42.3b
+	2q11.2a
+	10q21.2b
+	15q24.1a
-	12q23.2a
+	13q14.3a
+	3q11.2a
-	5q11.2c
-	17q25.3f
-	17q21.31e
-	17q21.32a
+	11q13.1c
+	16q13c
-	10q24.32b
+	7p21.3a
-	2q37.1e
-	2q23.3c
+	10p12.33b
+	3q11.2c
-	16p12.3b
+	12q24.31d
+	3p14.1b
+	2q23.3d
-	1q32.1c
+	3p26.2a
+	4q12e
+	7q22.1f
+	16p11.2c
+	19p13.11b
+	17q25.1c
+	3q22.3b-q22.3c
+	Xq22.1c
-	Xq22.1d
+	Xq22.1c
-	Xq22.1c

+	3p21.31a-p21.2c
-	1q21.2c
+	15q25.1b
+	11p15.2c
-	7q36.1c
+	7q22.1b
+	7q22.1b
+	2q35e
-	12q24.11c
+	3p25.3c
-	1q25.3e
+	9q33.3a
-	3q26.2b
-	15q21.2c
+	3p22.3a
+	Xq13.1b
+	17p13.2c
+	9q34.3f
+	19p13.11c
-	5q14.3h
+	15q26.3a
-	19p13.3c
-	22q13.33b
-	5q14.1c
+	5q15c
+	4q21.1a
+	1q42.2a
+	10q24.32b
-	8p22a
-	8q24.21c
+	2p25.1e
-	1p36.12a
+	2q37.3c
-	10p15.1b
+	17q21.31c
-	1p31.1g
-	14q32.13a
-	2p16.2a
-	9q34.11d
+	15q26.3c
-	12q13.11c
-	10q22.1e
-	1q32.1b
+	6q22.31a

-	19p13.12c
-	
-	17p13.1d
-	1q22a-q22b
	8p12a
+	20q11.22a
+	7q11.21e
+	"Xp22.33d,Yp11.32a-p11.31c"
	"Xp22.33d,Yp11.32a"
-	7q21.3d
+	2q32.2a
+	17p13.3a
+	14q32.33a
-	8q12.3a
+	22q12.1a
-	1q31.3c
-	2p14a
+	17q25.3g
+	11q12.3a
+	9q34.11e
-	3q22.1a
-	9q33.1b
+	20q11.21b-q11.21c
+	18q12.1f
-	10q23.2b
-	8q24.13b-q24.13c
-	2p24.1a-p23.3d
+	1p36.33a
+	1p36.33a
+	17q11.2c
-	10q26.13a
+	12q13.13b
-	2q31.1g
+	1q32.3c
+	22q13.1d
+	19q13.33b
+	1q23.3b
-	6p21.32b
+	16p13.13d
+	5q14.2a
-	5q22.3b-q23.1a
+	2q37.1d
+	11q13.4b
-	11q13.1b-q13.1c

-	3q13.2a
+	Xq22.3c
+	2q37.3g
+	1p31.3c
+	19p13.2b
-	6q21c
+	3p25.3a-p25.2b
-	2q35f
+	11p15.5d
+	2q35a
+	14q22.1b
-	2p22.2a-p22.1c
-	11q13.1a
+	11q22.3c
+	16q23.2b
+	12p13.31d
+	4q22.2b
-	10q21.3d
+	2p11.2f
-	5q33.1d
-	15q12a
-	5q34a
+	3q26.33c
-	Xq27.1b
-	19p13.11a
-	1p36.13e
-	3q29b
+	1p13.1c
-	19q13.2c
+	1q24.2b
+	17p13.1d
	3q23c
+	12q24.11c
-	17p13.2c
-	12q21.33b
+	1q32.1e
+	16q24.1a
-	19q13.12a
-	18q21.1a
-	12q13.3a
+	10p14d
+	19p13.3i
-	20q13.32b
+	13q12.2b

+	1p13.2d
+	17q21.32c
-	12q13.13f
-	2q31.1g
-	17q25.1c
-	4p16.3d
-	21q21.3a
-	7q22.1b
+	11q23.3d
-	21q22.11c
+	14q22.1b
-	19q13.2c
+	Xq28g
+	5q14.2a
+	Xp11.4c
+	17q21.31a
+	12q24.31e
+	1p34.1f
	16p13.3d
-	16q22.1b
+	8q21.2b-q21.3a
+	5q35.2a
+	7q36.1b
+	3q13.2b-q13.31a
+	8p21.3c
+	8q22.3c
+	2p25.1c
-	14q23.3b
-	22q11.21a
-	2p21b-p21a
+	7q32.1a
+	9q32e
-	6p21.33a
-	8q11.23c-q11.23d
+	Xq21.1a
-	13q14.3d
-	4p13c
+	1q21.3e
+	18q23d
-	1p33d
-	17p11.2g
-	1p36.11a
-	19q13.33d
-	15q14b

+	11q13.1f
+	1p35.3b
+	3p21.31e
+	20p13b
-	6p22.3f-p22.3e
+	22q13.31c
+	16q22.3a
-	12q24.12a-q24.12b
+	16p11.2e
-	14q32.12a
+	1p13.3b
-	17q21.31c
-	9q22.31a
-	2p13.1b
-	20q13.2d-q13.31a
-	1p36.33a
-	1q41d
-	17p13.1c
+	7q11.22b
-	15q14a
-	12q14.1a
+	7p14.3c
-	20p13c
-	10q24.2a
-	16p13.3f
-	17q24.1a
-	3p22.2a
	Yp11.31b
-	7q22.1b
-	17q25.3f
-	3p24.1c
-	8q22.3c
+	15q21.1a
-	3q26.1a
-	1q42.3c
-	1q31.2b
+	1p36.33a
+	13q12.3d
-	11q12.3a
+	2p15c
+	19p13.11d
+	12q24.31c
-	11q13.1e
-	19q13.2c

-	17q25.3h
-	12q14.1a
+	12p13.33d
+	11p15.5d
-	9p13.3e
+	1p34.1f
-	1q23.3a
-	3q13.32b
-	20q13.13d
-	18q12.1d
+	5q35.3a
-	17p11.2e
-	19q13.2c
+	21q22.3a
-	6q15d
-	11q13.1b
-	9p13.3e
+	6p12.1a
+	10q26.11d
-	14q32.33a

-	21p11.1d
+	6q12g-q13a
+	17q25.3f
-	7q21.3d
-	22q13.1b
+	16p13.3e
+	10p11.23c
+	11q13.1d
+	20p12.1a
+	4q24a
+	16q24.2b
-	3p21.1d
-	4p15.33c
-	2q35a
-	9q22.32a
+	5p15.1b
-	6p21.33a
+	9q34.13a
-	6p21.33a
-	6p21.33a
-	6p21.33a
+	14q24.3b
-	11q13.1c

-	1q32.3c
+	19q13.33a
-	14q13.2a
-	7q11.23a
-	2q24.2a
-	19q13.32b
+	11p14.2a
+	11q13.1e
-	12q21.2a
+	4q27d
-	16q13b
+	15q24.1a
-	4q27c
+	7p14.3b
+	3q13.12b
+	19q13.32a
+	1q23.1a
+	7q22.3c
-	Xq28f
-	16q23.1a
-	1p22.1b
-	
-	20q13.2c
+	20q13.13f
-	12p12.1b
-	19q13.33a
+	10q26.2a
-	12q13.13a
-	3q26.1e
+	19q13.2c
+	6q14.1d
+	16p11.2c
-	1p22.3e
-	2p16.1a
-	18q21.33b
-	15q25.1b
-	20q11.21b
-	15q21.2c
+	2q13c
+	19q13.33b
+	22q11.21a
+	19q13.31b
-	3q27.3c
+	17p13.1d

+	12q24.31c
-	7q11.23a-q11.23b
-	16p11.2c
+	1q21.1c
-	11q23.3e
-	6q23.3b
-	Xp11.4c
+	Xq25h
+	22q11.23a
+	2q35e
+	2p21a
+	14q32.2a
+	16q21e
-	17q21.31a
-	14q32.2b
-	6q21c
-	4p13d
-	1p33b
+	6p12.1a
-	10p13d
+	11q12.3a
-	12q15c
-	1p34.1d
-	7q21.3a
-	11p15.5d
-	Xq22.1e
+	Xq22.1e
-	Xq22.1d
	Xq22.1e
+	16p13.12a
+	3q22.1d
+	1q22d
+	Xq28f
+	3p26.2a
-	12p12.1a
+	Xq22.1e
+	8q12.3c
+	10q21.1f
+	12p11.21a
-	9q22.31b
-	22q11.21a
+	22q13.2c
-	2q14.3d
-	8p21.3a

+	11q22.2a
+	11q22.2a
+	17q25.3b
+	13q33.1b
-	20q11.23b
+	8p23.1b
+	15q26.1c
-	17q11.2c
-	10q23.33d-q24.1a
+	12q13.2b
-	10q24.31a
+	11q23.3e
+	7p13e
	19q13.2b
+	1q24.2b
-	15q15.1a
+	10p12.31a
+	4q21.21a
+	4q21.21c
-	14q22.2b
-	6p12.1b
+	6p24.3c
-	20q13.31a
-	1p34.2d
+	10q23.2a
+	2q33.1g
-	10q11.22c
+	Xp22.2
+	5q35.2a
-	15q22.2a
-	10q26.3d
+	8p21.2b
-	16p11.2d
-	2p13.1b
-	8q24.3g
+	6q22.31a
+	7q33b
+	6p25.2b
+	20q11.21c
-	1q41d
+	Yq11.223e
-	7q34d
-	17q21.31a
+	13q13.1a

+	Xq28h
-	22q13.33a
+	6p21.32a
-	9q34.2b
-	19p13.12b
-	16q12.1c
	3q26.1a
-	5q31.2c
-	5p15.33d
+	4q13.2b
+	2p23.2b
-	8p12a
+	7q21.3d
	12q24.31f
	1p21.2a
+	5p13.2d
-	11q13.1e
+	14q13.2b
-	1q24.2a
-	6q27c
+	3p25.3c
+	6p21.31a
+	19q13.42b
-	15q23b
-	21q22.2a-q22.2b
+	10q26.12b
-	Xq21.1c
-	11q12.3a
-	1p35.1b
+	19p13.3j
+	3p21.31d-p21.31c
+	1p32.3a
+	9q32c
-	19p13.11d
+	10q23.32b
-	11p15.2c
-	16p13.3c
-	19p13.3h
+	20p12.2a
+	14q32.33c
-	6p21.2b
+	3p24.3e
+	5q13.2c
+	1p32.3d

-	12q21.33d
+	1q32.1e
-	21q21.1c
-	Xq22.1c
-	3q13.2a
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
+	5q35.3g
+	10q24.32a
-	2q13b
+	15q15.1a
+	10q26.13c
-	11q23.3b
+	7q22.1b
+	6p21.1f
-	17q22d
+	6p21.1h
	2q33.1e
+	7p21.1b
-	10q11.21c
+	10q22.1e-q22.1f
+	10p15.3d
	10p12.33a
-	10p12.31b
	10p12.2a
-	10q25.3a
-	10q26.11d
+	10q24.1b
-	10q26.3f
-	10q11.22d
+	10q11.21b
+	10q26.13e-q26.2a
-	10p12.31b
+	10p15.1b
+	10q24.31a
+	10q24.32b
+	10q24.2a
+	10q24.32b
-	10q24.2a

+	10p14a
-	10q22.1d-q22.1e
+	10q22.3f
+	10q23.1a
-	10q23.31a
+	10q24.31a
-	10q23.33d
	10q11.22d
+	10q24.1b
-	10p12.2a
-	10q11.22d
+	10q24.31a
+	10q25.1a
-	10q26.11b
	10q26.13b
	10q26.3f
+	11q23.1b
-	11q12.2b
+	11p15.4a
+	11q13.1c
-	11q13.2a
+	11q13.5b
+	11q12.1b
-	11p15.5d
-	11q25a
+	11p13d
+	11p14.1a
+	11p15.4c
-	11q12.3a
+	11p11.2b
-	11q13.4a
+	11q21a
+	11q23.1c
+	11p15.1e
-	11q13.4a
-	11q23.3d
-	11q24.2a
+	11q24.1b
-	11q22.3c
+	11q14.1a
-	11q13.1d
+	11q22.1d
-	11q23.2b
+	11q14.2a

+	11p12d
-	11q21a
+	11q13.1e
+	11q14.1d
+	11q12.3a
+	11q13.1a
-	11q13.1c
+	11q13.1f
+	11q23.1b
+	12q13.13e
+	12q23.3c
+	12q24.11c
+	12q21.31c
+	12q15c
+	12q21.32a
-	12q24.13a
-	12q14.3b
+	12p13.33a
+	12q24.11b
+	12p11.21a
-	12p13.1b
+	12q21.33c
-	12p13.32a
-	12q13.11c
-	12q23.2a-q23.3a
-	12q24.31a
+	12q13.13d
+	12q23.3b
	12q24.12b
+	12q23.2a
-	12q24.22a
+	12p13.32a
-	12q24.13a
+	12q24.13b
+	12q13.11c
+	12p13.31d
+	12p13.2c
+	12p12.3e
+	12q13.13a
+	12q24.31d
-	12q14.2b
-	12p12.1b
+	12q13.11c
-	12p12.3e

-	12p11.23a
+	12p11.21b
-	12q23.3a
-	12q24.11c
-	12p12.1b
-	13q14.3a
+	13q14.11b
-	13q14.12b
-	13q13.3d
+	13q31.3b
-	13q12.11b
+	13q14.11e
+	13q22.1a
-	13q22.1a
+	14q23.1b
+	14q23.1a
-	14q32.11a
-	14q22.1a
-	14q21.3b
+	14q32.12b
-	14q24.2a
+	14q24.3c
+	14q11.2g-q12a
-	14q12e
	14q12e
+	14q32.2a
+	14q32.31c
+	14q32.2a
-	14q24.3c
+	14q23.1c
-	14q22.1b
-	14q32.11a
-	14q31.1b
-	14q13.1c
-	14q23.1b
+	14q32.33a
+	14q24.3d
	14q32.12a
	14q24.1e
+	14q22.1d
-	
+	14q24.3a
+	14q32.33b
+	14q24.3c

+	14q24.3b
+	14q32.33b
-	14q24.1c
-	14q32.12a
+	14q13.2a
-	14q32.33a
+	14q12a
+	14q12c
+	14q21.3a
+	14q22.3a
-	14q23.1a-q23.1b
	14q23.1b
-	14q24.3c
-	14q24.3a
+	14q24.3a
+	14q32.2b
	14q32.31b
	14q32.33c
+	14q32.33c
+	14q32.33d
	14q22.1c
+	14q32.12b
-	14q11.2f
-	15q24.1b
+	15q21.1a
+	15q15.1a
-	15q14a
+	15q25.1b
+	15q24.2a
	15q23a
-	15q14a
-	15q21.1d-q21.2a
+	15q24.2a
-	15q25.2b
+	15q14c
+	15q26.1a-q26.1b
	15q22.31b
+	15q21.1a
-	15q15.1a
+	15q14d
-	15q15.1b
+	15q15.3b
-	16p13.3f
+	16p13.3f

-	16p13.3f
-	16p13.3e
-	16p13.3e
-	16q23.2b
-	16q22.1b
-	16p13.3b
	16q13d
+	
+	16p11.2d
-	16p11.2d
-	16q22.1b
+	16q13d
-	16p11.2c
+	16p13.3d
-	16q23.2b
+	16p12.3a
-	16p13.11a
+	16p13.2b
+	16q12.1c
-	16q24.3b
+	16q22.1a
+	16p13.2b
-	16p13.3e
-	16q24.1b
+	16p13.13c
-	16p13.3d
-	16q21a
-	16q24.2b
+	16q22.1b
-	16q11.2i
-	16p12.3a
-	16p13.3e
-	16p11.2c
+	17p13.2a
-	17q25.3g
+	
-	17q11.2a
-	17q25.1c
-	17q12c
+	17p11.2g
	17q11.2c
-	17q11.2c
-	17p13.1c
+	17p11.2i

+	17p13.1a
+	17p13.1d
+	17q21.31c
-	17q25.3f
-	17q24.2b
-	17p13.1c
+	17q23.3b
-	17p13.1d
-	17q25.3g
-	17q11.2a
+	17q23.2a
-	17q21.31c
-	17q22c
	17p13.1c
-	17q25.3f
+	17q22d
+	17p13.1d
-	17q11.2d
+	17q25.1a
+	17p13.1d
+	17q23.2b
-	17p13.2c
+	17q25.2b
-	17p13.2b
	17q21.31b
+	17q25.3f
-	17q25.3f
-	17p13.3d
+	17q25.2a
-	
+	17p13.3g
+	18p11.21c
	18p11.31c
-	18p11.21c
-	18q22.1a
+	18q12.2a
+	18q23d
+	18q21.1a
+	18q21.2c
-	18q21.1f
-	18q11.2b
+	18q21.2c
+	18q22.3c
-	18p11.32c

-	18p11.22a
+	18q11.2b
-	19p13.3d
-	19q12c
+	19q12c
+	19p13.3j
-	19p13.3i
-	19p13.3i
+	19p13.3i
-	19p13.3h
-	19p13.3i
-	19p13.3e
-	19p13.3e
	19p13.3e
+	19p13.3d
-	19p13.3c
+	19p13.3h
+	19p13.2b
+	19p13.11b
+	19q13.11a
-	19p13.11f
-	19p13.13c
+	19p13.11f
+	19p13.2e
-	19q13.2b
-	19q13.33c
+	19p13.11c
-	19q13.42b
+	19p13.2b
+	19p13.13a
-	19q13.2b
+	19q13.12a
-	19p13.13c
+	19p13.2e
-	19p13.3i
+	19p13.11c
-	19q13.31b
+	19p13.11e
+	19p13.3e
+	19p13.2c
-	19p13.3b
+	19p13.3e
-	19q13.33a
+	7p21.3e

-	Xq24d
+	1q44a
-	1p34.3d
-	1p13.3a
+	1q32.1b
+	1q32.2b
-	1p34.3b
+	1q24.2c
+	1q25.3c
+	1p34.3b
-	1p32.3c
+	1q42.2a
-	1p36.21a
-	1p36.22b
+	1p36.11d
-	1q42.2a
-	
-	1q32.2c
-	1p36.11b
+	1p36.13f
-	1p34.3c
+	1p36.13a
-	1q24.2c
-	1p36.33b
+	1p13.1c
+	1p13.2d
-	1p32.3d
-	1p33b
-	1p36.12b
-	1p31.1h
-	1p36.32b
+	1q22d
-	1q32.1h
+	1p36.22b
+	1p36.31b-p36.31a
+	1q25.3e
-	1q23.3a
-	1q42.2a
-	1p36.22d
+	1q25.3f
-	1p34.2a
-	1p34.3f
+	1p36.12a

-	1p34.3e
-	1q31.3c
+	1q25.2b
-	1q25.3f
-	1q25.3g
	1q25.3g
+	1q42.2c
-	1q42.13c
+	1p35.3b
-	1p32.3c
-	1q21.3d
+	1q25.2b
+	1p34.2a
-	1p22.3e
+	1q31.3c
+	1q21.2b
-	1q42.12c
+	1q21.2d
+	1q42.2b
+	1q41e
-	1p13.3c
-	1q22d
-	1p36.11c
+	1q41e
+	1q23.1a
+	1q42.13c
-	1q32.2b
+	1q21.3d
+	1p32.3b
-	1q22d
-	1p36.33a
+	1q24.3d
-	1p35.1b
+	1p36.32c
+	1q32.3a
+	1p36.12a
-	17p13.2b
-	17q21.31d
	2q14.2b
-	12q13.12b
-	5q33.3d
-	5p13.3a
-	22q13.1a
+	4p15.33a

+	13q12.12b
+	20q13.12a
+	20p12.2b
+	20q13.31a
+	20q13.31a
+	20q13.2d
+	20q13.33d
-	20q13.12a
-	20q11.21c
-	20q11.23a
-	20p11.23d
+	20q11.22b
+	20q11.22a
+	20p13c
+	20q11.21b
-	20q13.12b
+	20q13.33a
-	20p11.1c
+	20p12.3c
+	20q13.13c
+	20q13.33d
+	20q11.23a
+	20p13b
-	20p11.21a
-	20p12.3c
+	20q11.23a
+	20q13.31a
-	20p13e
-	20q13.33d
+	20q11.22b
+	20p13f
+	20p12.1d
+	20p11.23d
-	20p12.3c
	20q13.32a
-	20p13f
+	21q22.11b
-	
+	21q22.3c
-	21q22.3a
-	21q22.3d
-	21q22.2a
+	21q22.3d
+	21q22.3d

+	21q21.1b
+	21q21.1c
-	
-	21q22.11b
	21q22.11c
-	21q22.11c
-	21q22.11c
-	21q22.3f
+	21q22.3f
-	21q22.3f
-	21q22.11b
+	21q22.11b
-	21q22.11b
-	21q22.3e
-	21q22.3e
+	21q21.3c
+	21q22.3e
-	21q22.11b
-	21q22.3c
-	21q21.1c
-	21q22.3e
	21q22.12a
-	22q11.23b
-	22q13.1b
-	22q12.3a
+	22q11.21c-q11.21d
-	22q13.31d
-	22q12.3a
-	22q11.21c
-	22q12.2c
+	22q13.2b
-	22q12.3d
-	22q13.33a
-	22q11.23b
-	22q11.21c
-	22q13.31d
-	22q13.31b
-	21q22.3a
+	11q23.3e
-	11q13.4b-q13.4c
-	
+	2q11.2c
+	2p23.3a
+	2q34b

-	2q35f
-	2q23.2a
+	2q21.1d-q21.2a
+	2p23.3a
+	2p16.2a
+	2q31.1c
-	2p14a
-	2p24.1c
-	2p23.3d
+	2q33.1d
+	2p25.1d
+	2q12.2a
-	2q37.1b
+	2p22.2b
-	2p16.1d
-	2q11.2c
-	2p13.1b-p13.1a
-	2p11.2f
+	2q33.1d
-	2p13.2a
+	2p16.2a
-	2q14.2b
-	2q31.1a
-	2p23.3c
-	2q33.3d
+	2q37.1c
+	2q32.2b
-	2p11.2g
+	3q13.33a
+	3p25.3b
+	3p14.2b
+	3q13.33a
-	3q13.2b
-	3p21.31b
+	3p25.1a
-	3q29d-q29e
+	3p21.33a-p21.32c
-	3q21.3d
+	3q12.1c
-	3p25.2b
-	3p26.1a
-	3q29g
+	3q21.3c
+	3p11.2a

-	3p22.1a
+	3p25.3b
+	3q21.3a
+	3q13.2a
+	3p21.31c
-	3q26.1b
+	3q24a
-	3q29a
+	3p21.31d
-	3p21.31d
-	3p14.3b
-	3p14.1b
-	3q27.2a
-	3p21.31e
	3p21.1e
-	3p21.31g
+	1q32.2a
+	4q21.23b
-	4q12e
+	4q25f
-	4q32.1d
+	4q21.21c
+	4p16.1c
+	4q21.1a
-	4q33a
+	4q28.2a
+	4q25f
+	4q28.2b
-	4p14b
+	4q32.3b
+	4q35.1c
+	4q32.3a
-	4q32.1e
+	4q35.1f
-	4q31.1c
-	9q33.2a
+	19q13.32b
-	5q22.1b
-	5q31.1d
-	5q31.1f
-	5q15a-q15b
+	5p13.3c
+	5q31.1e
+	5q35.2d

+	5q15d
-	5p12c
+	5q21.1d
+	5q31.3a
-	5p13.2c
-	5p12c-p12b
+	5q11.2f
-	5q15b
-	5q13.3c
-	5p12c
+	5q35.2a
-	5p13.2b
+	5q12.3b
-	5q35.3e
-	5q31.2c
+	5p13.1a
+	5q31.3a
-	5p13.1a
-	6p21.31e
	6p22.1a
-	6p24.1c
-	6p21.31e-p21.31d
+	6p21.31d
-	6p21.1d
-	6q16.3a
-	6p23b
+	6q24.1a
+	6q14.3a
+	6q27f
-	6q27d
-	6p21.31f
-	6p21.2c
-	6p21.1h
+	6p21.33b
-	6p12.3d
	6p25.2a
-	6q13c
-	6q13c
-	6p21.1c
-	6q13b
	6q14.3c
+	6q15a
+	6q15a

-	6q22.31b-q22.31c
+	6q22.32b
+	6q21f
+	6q21f
-	6q22.33e
-	6q23.2b
-	6q21f
+	6q21c
-	6q22.31a
+	6q25.1c
-	6p24.3a
-	6p21.31a
+	6p21.1b
-	6q21f
+	6q21i
+	6p21.33a
-	6p21.33a
+	6p21.32b
	6p24.2a
+	6q13a
+	6q22.33b
	6q26a
-	
-	6p22.2b
-	6q16.1f
+	6q25.1a
+	6p21.31b
+	6p21.2c
+	7p14.1c
-	7p14.1c
-	7q36.3b
	7p22.3c
-	7q21.12a
-	7p14.1a
+	7p22.1a
-	7p22.2c
	7p22.1b
	7p22.1a
+	7q36.1c
+	7p15.3b
-	7p15.2c
+	7p14.1d
-	7q22.1b
-	7p13c

+	7p15.1b
+	7q11.21e
-	7q22.1c
-	7p13e
-	7q22.1c
-	7q33b
-	7p22.3c-p22.3b
+	7q22.1c
+	7q31.1c
+	7q32.1a
+	7q34b
+	7p12.3b
+	7q31.31d
+	7q22.1c
-	7q22.1c
+	7p12.3c
+	7q32.1a
-	7p22.1b
	8p23.1b
-	8p23.1b
+	8q24.3b
	8q24.3g
+	8q24.3g
+	8q24.3h
-	8q22.1c
+	8q22.1c
+	8p11.21a
-	8p12c
+	8q13.1b
+	8q13.1b
+	8q13.1b
-	8q24.3f
+	8q24.3e
+	8p21.3a
-	8q21.2b
+	8q12.1b
	8q24.3h
-	8p21.1d
	8q24.3h
-	9p13.3a
+	9q22.32b
+	9q21.32c
+	9q34.11c
-	9q22.31b

-	9q34.11c
-	9q34.3b
+	9q34.11b
-	9p24.1a
-	9q33.3a
+	9p13.3a
+	9q21.11b
-	9q34.3e
+	9q34.3e
	9p13.3c
-	9p13.3c
-	9q31.3a
-	9q22.33b
+	9q34.11b
+	9q34.3f
+	9q34.13b
+	9q34.3f
-	9q22.33a
-	9p13.3c
-	9p13.3c
-	9p13.3c
+	9q22.32a
+	9q31.1a
-	9q33.2a
-	9q34.3f
-	9q21.13b
-	9q21.13b
+	9q32c
-	9q33.2b
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-	9q31.3a
	9p21.3c
+	9q31.3a
-	9q21.32c
-	9p24.3b
-	9q34.3c
+	9q34.2a
+	9p24.2a
-	9p21.2a
-	9q34.3e
-	9q34.11d
-	9q32b

-	9p21.2a
+	9q21.13a
+	9q34.3e
+	9q22.31b
+	9q34.13b
-	9q34.11a
+	9q32e
-	9q21.13b
+	9q34.2a
-	17q21.33c
-	19q13.33a
+	8q21.2b
+	8q21.2b
+	Xp22.2
-	8q12.1d
+	2q37.1a
-	13q14.2c-q14.3a
+	1q42.13a
+	18q11.2b
-	20q13.33c
+	11q13.1f
+	22q12.2a
-	19p13.13b-p13.13a
+	9q34.3g
+	12p13.33b-p13.33a
-	1q32.1b
-	17q12c
+	10p12.33b
+	12q13.12a
+	16p12.1b
+	1q25.1b
+	2p23.3a
-	11q23.2c
-	19q13.31a
+	16q22.3a
-	11p15.2a
+	11p15.2a
-	12q13.13f
+	17q21.32c
-	2q32.1e
+	7q33b
-	10q24.33a
-	10q24.33a
-	10q24.33a

+	14q32.11a
-	2p21a
+	19q13.32b
-	15q23a
-	10p15.1c
+	19p13.13c
+	7q32.1a
-	10q26.3f
-	3p25.3c
+	10p13e
+	1q32.2b
-	7p13d
-	4q26a
-	10q22.2a
-	1p36.12b
-	3q27.1b
+	5q22.1b
-	17p13.2c
-	12q24.31b
-	3p21.31c
+	5q31.1e
+	3p21.31f
+	1q32.1b
-	17q25.3c
+	5q35.3e
+	1p34.2d
-	2p11.2g
+	11q13.1c
+	2q37.3e
+	6p21.1b
-	19q13.2a
	2p23.1a
+	15q15.1d
+	11q13.5c
-	Xq22.3d
+	3p24.3e
+	19q13.12b
+	11p13c
-	12p11.21b
+	19p13.3b
-	5p13.2c
+	1p13.2c
+	7q31.2c
+	12p12.3b

-	1p36.13b-p36.13a
-	22q13.1a
-	7p22.2b
-	11q22.3b
+	5p13.1b
-	19q13.32c
-	9q34.3d
-	16p13.2b
+	13q34a
+	19p13.2b
-	11p15.4d
-	13q34a
-	12p12.1b
+	15q15.3c
+	15q15.1b
+	7q21.3b
-	Xp11.4b-p11.4a
-	11q22.3b
+	2q33.1f
+	19p13.12b
+	7q34f
-	4q35.1e
-	11q22.3b
-	4q25c
+	10q25.3a
-	1p36.21a
+	3q25.31b
+	5q15d
-	1p36.22c
+	11p13c
-	15q15.3a
-	15q15.3a
+	7q31.2b
+	7q31.2b
-	10q22.1f
+	20q11.22a
-	16q24.3a
+	16q22.1a
+	11q23.3e
-	3q13.11c-q13.11d
+	7q22.3c
-	16q12.1b
-	14q12a
+	21q22.12b

+	21q22.12b
-	4q32.3e
-	21q22.3c
+	9q13a
-	9q12j
-	9q12i
-	17q21.32b
+	17q25.3d
+	7p15.2b
-	17q25.3d
-	12q13.13f
-	22q13.1c
-	22q13.1c
-	17q25.3d
+	22q13.1c
-	5q35.3e
-	1p32.3d
+	10q21.3e
-	18q21.32a-q21.32b
-	9q34.11c
-	1p22.2c
+	3p22.1a
+	16p11.2e
-	16q13c
+	17q21.31d
+	2p16.1d
+	19q13.42c
+	9p13.3a
+	10q22.1f-q22.1g
+	4q25c
-	18q21.1g
-	4q35.1f
+	4q35.1e
-	5q22.3b
+	16q21a
-	2q21.1b
+	22q12.1c
-	3p21.31h
+	Xp11.23c
-	2p23.2b
-	19q13.11a
+	19p13.11d
-	5q13.2a
+	7p15.3b

-	5p15.33e
+	2p16.3d
+	19p13.13a
+	7q21.3a
+	7q32.1a
+	17q25.3f
+	2q13a
-	3q21.1c
+	2q36.1b
-	2p13.1b
+	7q11.23f-q11.23g
+	10q25.1a
-	2q24.1e
+	11q24.2a
+	2q33.1a
-	19p13.2b
+	5p12c
+	19q13.33b
+	17q12a
+	1p22.1c-p22.1b
-	1q23.2c
+	Xp11.23b
-	1p34.2a
+	1p34.1f
-	8p21.1e
+	1p36.32b
+	6q24.1a
+	1p35.1b
-	10p13e
-	11p14.1d
+	3p21.31d
-	3q26.33b
	4p13d
-	12q22c
-	17q21.31c
+	17q24.1a
-	17q24.1a-q24.2a
-	17q23.3b
+	3q21.3c
-	17q12c
+	18q21.1a
+	3q28d
-	3p21.31e
-	3q13.2b

-	12q23.2a
+	3q13.12a
+	17q11.2c
	17q21.31a
-	17q25.3g
-	3q21.1a
	12q21.31c
-	10q21.2a
+	12q24.23c
+	12q13.12a
+	3p14.3b
-	18q21.2d
-	5q33.1d
-	3p21.31d
+	3p21.31e
+	2q21.1d
-	2q21.1b
+	1p21.2a
+	12p13.33d
-	19q13.32b
+	11q23.3e
+	2p16.1d-p16.1c
+	11q13.1d
+	11q12.2a
+	11q13.1b
-	14q32.12a
-	11q14.1e
-	6p23b
-	11q14.1d
+	12p11.22b
-	12q24.31e
+	19p13.3d
+	19q13.2c
	5q35.1b
-	6p21.33a
-	17q12a
+	16q13c
+	2q36.3c
+	16q13c
-	7q11.23e
-	17q12b
-	17q12b
-	17q12b
+	17q12b

+	17q12b
-	17q12b
+	7p13c
+	13q13.3b
-	4q27c
+	5q13.2a
-	14q11.2b
+	15q22.2a
+	Xp11.22c
-	6q16.3a
+	11q13.2c
+	12p13.32a
-	6p21.1f
+	15q15.2b
+	19q12c
-	8q22.1c
+	16p13.3d
+	5q34c
+	4q21.1b-q21.1c
-	4q21.1b
+	10q23.33d
+	14q32.2b
-	3q25.32a
+	1p36.33a
-	5q11.2d
+	2q21.3a
+	2q33.3d
-	15q21.3b-q21.3c
-	17q21.31a
+	3p21.31i
+	6q27c
-	17q21.2a
+	3p22.1c
+	3q22.1c
+	3p21.31i
+	4q31.1b
	11q13.1e
+	12q15c
-	1q22d
-	2p15c
+	5p15.2c
+	7p11.2b
-	17q12a
+	7q11.21d

+	2p13.2a
-	21q21.3c
-	5q31.3b
+	11p15.5c
-	12p13.31c
-	5q13.1a
+	16p11.2e
+	1q23.1e
-	1q23.1e
+	1q23.1e
+	1q23.1e
+	1q23.1f
+	1p13.1b
-	3q13.2b
+	19q13.12a
-	
-	1q23.3a
-	1q24.2a
-	11q13.1e
+	12p13.31d
+	9p24.1c
+	15q24.1b
+	2q33.2a
+	6p12.3d
-	16p11.2d
-	17q25.1b
-	2q24.2a
-	19p13.2d
+	19q13.33d
+	7q21.11c
+	19q13.33a
+	4p15.32d
-	11q23.3d
+	19q13.32a
+	11q23.3d
+	20q13.12b
+	11p13b
+	1q32.2a
-	3q13.12b
-	1q23.3a
+	1p36.11b
+	1p13.3a
+	1q32.2a
-	1p13.1b

-	11p13d-p13c
-	12q13.2b
+	17p13.1d
-	12p13.31a
-	17q25.3g
-	19p13.3a
-	9p13.3b-p13.3a
-	5q33.1c
+	19q13.2c
-	17q23.3b
-	3q13.33a
+	11p15.5a
+	11p11.2d
+	6p23b
-	1q23.2d-q23.3a
+	3q13.33c
-	2p11.2e
+	12p13.31e
+	3q13.13d-q13.2a
+	19p13.12c
+	"Xp22.33c,Yp11.31b"
-	Xq28c
+	1p36.12b
	15q15.2a
+	10p14a-p13e
-	9q22.33a
+	13q34d
+	10q21.2a
+	1p34.2a
-	5q31.2c
-	3p21.31f
+	20p13b
-	5q31.2c
-	9q32c
-	1p36.33a
+	7p14.1c
-	6q21g-q21h
+	19p13.3j
-	19p13.2b
+	9p24.1c
+	6q21g
+	1p36.12a
-	1q42.13a
-	14q32.32a

-	11q13.1b
+	11q13.1c
-	2p22.2a
-	17q25.1a
-	19q13.42a
-	1q21.2d
+	5q31.1a
+	22q11.21c
+	6p21.1b
+	17q21.2a
+	1p22.2a
+	1q31.2b
+	1q23.3c
+	8p21.2c-p21.2b
-	12p13.31d
-	14q32.33c
-	11q13.1c
+	2q31.1e
-	7p15.3c
+	1p34.3b
-	3p21.31k
-	5p14.3b-p14.3a
+	16q24.3a
-	8q22.1b
-	5p14.3d
-	18q12.1a
-	14q11.2f
-	16q21c
-	5p14.1c
-	16p11.2d
+	16q24.3b
+	12q13.2c
-	12q24.31d
-	11q13.1f
+	17q25.1d
-	12q14.1a
-	7q36.1d
+	17q11.2e
+	2q35f
-	20q11.21c
-	9q33.2a
+	17q21.32b
-	7q21.2b
+	5q13.2a

+	13q12.13b
+	9q34.11a
+	6p22.3c-p22.3b
-	14q22.1b
-	4q21.1a
-	5q31.1d
+	6p21.31a
+	12p13.1b
-	11p15.4d
-	9p21.3c
+	4q35.1c
-	5q31.1e
-	9p21.3c
+	1p33a
-	19p13.2b
+	14q22.2b
-	10p13c
-	5q22.3b
-	16p12.1c
+	17q25.1c
	17p12a
+	20p12.3c
+	16q24.3a
	3q22.1d
+	Yq11.23b
-	19q13.2c
+	19q13.2c
-	19q13.11b
+	20q13.13e
-	8q11.21a
-	14q11.2f
+	19q13.11b
-	2p22.2b
-	22q11.1d
-	22q11.1d
-	22q11.1d
+	
+	9q34.2a
+	9q34.2a
-	22q13.31d
+	1p13.3b
-	3p21.31e
	16p13.3d
-	11p15.5c

+	2p23.3a
-	20p13b
-	16q24.3b
-	4q13.2b
-	4q24b
+	1q41a
+	5q13.2a
+	Xq22.1c
-	13q12.12b
-	5q12.3b
-	1q25.1a
-	22q13.2b
+	16q23.2b
+	2p23.3c
+	9q22.31a-q22.31b
+	6p12.3b
-	16q22.1b
-	17p11.2i
	7p22.3c
-	3q29e
+	7q36.1d
+	9q33.2a
+	4q12d
-	15q21.1d
+	11q23.3b-q23.3c
+	18p11.21d
+	20q11.22b
-	12q21.32a
+	1q25.2c
+	10q23.33b
+	11q21c
+	2p14c
-	3q22.3c
+	5p15.33e
-	18p11.21d
+	9q21.2c
+	3q12.3a
+	1p13.3a
+	9q34.11b
-	22q13.31d
-	2q31.3b
+	16q22.1a
+	16q22.1a
+	16q22.1a

-	Xq28e
-	5q14.3g
+	16q13b
+	6p21.32b
-	2q21.1c
+	19p13.3i
-	16q23.1a
+	1q31.3c
-	11q13.1d
-	14q13.2a
+	2q33.1f
-	19q13.33a
-	19q13.33a
+	19q13.33a
+	19q13.33a
-	3p11.2a
	22q13.2b
+	1q21.3a
+	15q21.3d
+	14q22.2b
-	10q23.31b
+	15q15.1b
+	2p16.2a
+	19p13.3d
+	21q22.12b-q22.13a
+	10q22.2a
-	22q11.23a
-	7p11.2b
-	7q32.3d-q33a
-	3p25.1a
+	2q13d
+	3q21.3a
+	8q12.1b
-	11q13.4b
+	9q21.31b
-	5q21.1a
+	1q21.1c
+	15q26.1e
+	17p13.1d
-	12p13.31d
-	20q12c
+	8q12.2a
-	14q11.2c
+	16q12.2a

-	3p21.1b
+	11q24.2b
-	22q12.1c
-	19p13.11f
-	14q31.3d-q32.11a
+	14q32.12b
+	20p12.3c
-	1q32.1e
+	1p13.3a
-	4q12b
	11q13.2a
	22q13.33b
-	Xq21.2a
-	1q43e
-	16q24.3b
+	18p11.21e
-	19q13.43c
+	3p11.2a
-	14q12a
+	20q11.22a
+	8q21.13c
+	9p13.3e
	17q25.3f
+	8p21.3a
+	7p15.1c
+	21q21.1d
-	11q14.3b
+	15q15.1c
-	2q35f
+	7q36.1d
+	12q23.2a
+	8q24.3c
+	3q27.1b
-	2q31.1g
-	11p15.4d
-	15q25.1a
+	15q25.1a
-	8p11.21a
	15q13.3b-q13.3c
+	17p13.1d
-	11p11.2c
-	2q11.2d
+	7p22.2c
+	15q15.1a

-	10q26.13d
+	3q23d
+	10q22.1e
+	Xp11.3a
-	18q11.2e
-	15q26.3d
+	16p13.3f
-	16q22.1d
-	10q24.2c
+	14q23.3a
+	2q11.2a
-	16q13c
-	15q26.1b
-	15q25.1a
+	19q13.2c
-	3p25.3c
-	14q12a
-	3p25.3c
+	16p13.13c
-	15q22.31b
-	14q32.31c
-	12q13.2b
-	2q31.1f-q31.1g
+	19p13.3i
+	16q22.1d
+	10q21.1e
+	4q24b
-	3p21.31b
-	Xq13.1e
-	6q24.1a
-	1p34.2c
+	13q14.3d
-	2q13d
-	12q23.3c
-	11p11.2b
-	14q32.33a
+	16q21e
+	15q15.3a
+	15q15.3a
+	5q14.1f
+	1q21.3e
+	9q22.2a
-	2q14.2e-q14.3a
-	3p22.3c-p22.3b

-	19q13.2b
+	1p22.3c
+	1p22.3c
-	1p13.3c-p13.3b
-	11q13.1f
+	7q34f
-	3q27.1b
+	4q33a
+	Xp22.2
+	Xp11.22c
+	1p36.22a
-	16p13.3e
+	1p36.13f
+	3q26.2c
+	7q21.13b
-	21q22.13a
-	7q22.1d
-	1p34.2a
+	Xq22.3b
	4q35.1c
+	8p23.1d
	4q35.1c
+	7q11.23b
-	22q11.21c
-	17p13.1d
-	3q11.2c
-	19q13.33d
-	17p13.1d
+	19q13.33c
-	14q21.1a
+	16p13.13c
+	19p13.12c-p13.12b
+	16q22.1f
-	12p13.31a
+	12p13.31a
	7q34b
+	12p13.31b
-	12p13.31c
+	12p13.31b
-	2p13.3c
-	19p13.2e
+	12p13.31b
-	12p13.2c
+	12p13.2c

-	12p13.31a
-	4q31.1f
-	6p21.33a
-	Xq28h
-	9q34.3e
+	1p36.11c
+	21q22.12a
-	5q33.3b
-	12q24.31c
+	7q11.23b-q11.23c
-	19q13.12a-q13.12b
-	2q33.1e
	1q22a
+	15q24.1b
-	5q35.3c
-	14q32.13b
-	16p11.2e
+	13q22.3a
-	15q23a
+	11q12.1a
-	11q13.4a
+	19p13.3a
+	19q13.32a
-	5p15.33d
-	15q22.31b
-	1p34.3e
-	1p36.22d
+	3q23a-q23b
+	12p13.31d-p13.31c
+	9p13.3a
-	5q35.2d
+	17q23.1a
-	22q11.21b
+	16p13.3c
+	6q22.31d
+	13q32.3b
-	6p22.2b-p22.2a
+	12p12.1e
-	5p15.2c
+	3p24.1c
+	16q23.2b
+	1p33d
+	16q21e
+	16q21e-q22.1a

-	16q22.1a
-	3p22.3c
+	3p22.3c
+	3p22.3c
-	3q21.3c
+	18q22.3d
-	19q13.2c
	11q13.1e
+	1q42.11b
+	Xp22.12a
+	19p13.3i
-	1p21.3d
+	10q24.32b
+	2q11.2a
+	2q11.2a
+	4p16.1f
-	16q21a
+	3p22.3c
+	12q15d
+	19q13.42a
-	7q33b
+	5q35.3f
-	4q21.1c
-	8p22b
+	5q33.2b
+	17q21.2b
-	12q13.2c
+	6p21.1d
+	7q22.1c
-	6q15b
-	1p36.11d
-	2p14a
+	9p22.2b
+	1q32.1f
+	3p26.3c-p26.3b
+	17q21.31a
-	9p13.1b-p13.1a
+	17q21.31a
-	7p12.1c
-	2q24.3b
	9q34.3f
+	14q12e
+	17q25.1a
+	13q14.12a

-	16q22.1f
-	7q22.3b-q22.3c
+	13q13.3e
-	16p12.1c
-	17q22c
+	8q24.12c
+	9q22.33c
-	1p35.2a
-	17q21.33a
+	7q21.3a
-	5q35.3b-q35.3c
-	1p22.3d
+	2q36.3b-q36.3c
+	9q34.3a
-	2q32.2a
-	2q37.3b
-	3p21.31e
-	1p34.3d
-	1p34.2d
+	20q13.33d
	3p24.3e
+	2p15c
+	5q23.1a
-	3q25.1a
+	10p12.31a
+	15q24.2a
-	8q24.3h
-	13q22.2a
-	20q11.21c
-	4p12b-p12a
	11p13a
-	19p13.11b
+	22q11.21c
-	10q22.2c
-	1q23.2d
-	11p15.2b
-	3q23a
-	19p13.11b
-	7q32.2b
-	15q21.1d
-	17p11.2h
+	4q21.22a
-	8q13.2a
+	7q22.1b-q22.1c

+	12p13.31d
+	2q37.1b
+	2q37.3a
+	12q13.13f
-	17q21.32b
+	12q13.2c
+	2q33.1b
-	4q21.23a
-	6q16.3a
-	12q24.31a
+	14q24.3a
+	16p12.3b
+	16q13c
+	16p11.2d
-	11q13.1f
-	12q24.11a
-	9q22.33b
+	15q23a
-	17q11.2b
-	16p13.3b
+	1p36.22c
-	16q24.1a
+	17p12b
-	17q22b
+	6p22.1b
-	14q24.2a
-	3q13.33a
-	7p22.3c
+	16q24.1b
-	16q24.1b
-	15q24.1b
+	2q11.2b
+	12q24.31a
+	19q13.12a
-	8q22.2b
-	2p21f
+	Xq21.1a
+	5q14.3d
+	11q13.1a
+	16p12.3a
+	7q32.2b
+	3q24f
+	7q32.2b
-	8q13.2a

+	17q11.2c
+	4q32.3b
-	15q25.2a
+	4p15.33a
-	10q23.32b
+	5q35.2a-q35.2b
-	4p16.3d-p16.3c
+	15q24.1b
-	10q24.2c
	3q29c
-	20q11.22b
+	16q13c
+	8q21.3a
-	6p21.2c
+	16q24.3b
+	3p25.3c
-	3q11.2c
-	16p13.12b
-	8q24.3h
+	14q32.12b
-	1p36.33a
+	7q22.1b
+	12q15c
-	11q13.2b
	22q13.33b
+	19q13.33b
+	1p32.3c
-	7p15.1c
-	20p13c
+	1q32.2a
+	1q32.2a
+	15q25.1a
-	1q23.1a
+	12q22b
+	16p13.3e
-	9q34.11c
+	19p13.3a
-	3p26.3a
+	7q11.21e
+	1q21.3b
+	2q33.3c
+	9p13.3a
+	11p11.2c
-	7q33d-q34a

+	1q21.3d
-	16p13.3c
-	6p21.32b
+	12p13.1b
-	11q14.1e
-	1q24.2a
+	3p25.3c
+	22q13.33a
+	10p11.21c
+	5q13.3d
+	2p22.2b
-	7q32.1a
+	14q32.33d
+	14q32.33c
+	4p16.3c
+	2p21a
+	16q24.1a
-	17p13.3e
+	17q12c
-	19p13.11c-p13.11b
-	17q11.2c
+	20p12.3c
-	20p11.23b
+	1p36.13e
+	7q21.12a
-	5q33.3a
+	3p22.3c
+	19p13.11b
+	15q26.1b-q26.1c
+	19q13.32c
+	11p11.2c
+	21q22.3c
+	22q12.1a
+	22q11.23c
+	3q11.2c
-	3q27.3a
-	13q12.11b
-	16p12.2b
-	1p31.1h
-	21q22.11c
-	12q13.2c
-	12q13.13e
+	Xq28e
-	

-	Xq28e
	Xq28e
-	12p13.2c
+	22q13.2a
-	1p13.2a
+	20q13.13c
-	5q33.1c
+	"Xp22.33e,Yp11.32a"
+	22q12.3d
+	10q11.21a
-	17q23.3b
+	15q24.1b
-	5q33.1b
-	17q25.3g
-	22q13.1b
-	15q22.31a
+	19p13.3h
+	5q23.2b
-	20p13f
-	16q21a
+	Yq11.23b
-	3p21.31g
+	8q13.2a
-	12q13.13b
+	2q24.3c
-	1q32.1c
-	12q21.2b
+	20p11.23d
-	20p11.21b
	11q13.1d
+	20p11.21a
-	20p11.21b
+	3q21.1a
-	21q22.3c
+	20q13.31a
+	Xq22.1c
-	10q11.23c
-	11p13d
-	Xq26.3b
-	7q35a
-	4p16.3c
-	10q26.13e
-	1p22.3f
+	16q22.1b

+	18q23d
+	2q35e
-	12q14.1a
+	3p22.2b-p22.2a
+	15q15.3c
-	6q23.2b
	10q11.23b
-	10q11.22a
+	1p31.1k
+	8q22.3c
+	5q31.2d
+	2p12e-p12d
-	9q31.3a
	3p22.1b
-	1p36.22d
+	20q11.23b
+	17p13.3a
+	1p34.2c
-	Xp22.2
+	11p15.3e
-	16q22.1b
+	20q13.12b
-	8p23.1a
-	11q14.2b
-	11p15.5b
-	11q13.1e
-	14q12a
-	15q25.1a
-	1q21.2c
+	9q21.33c
-	9q22.33a
-	1q21.2c
+	11q13.1d
-	20q13.32b
+	11q13.3c-q13.3d
+	1p13.2c
+	16q24.3a
-	19p13.2e
+	5q23.2f
-	10p13a
-	17q22d
-	10q24.32b
-	11p11.2b
+	10p14b-p14a

+	7q36.1a
-	10p11.21c
+	13q34d
-	Xq24d
+	11q22.3c
+	6p21.1d
-	6p21.32a
+	10q24.2c
+	7q22.1e
+	7q22.1e
+	12q24.11d-q24.12a
-	11q21b
-	2q31.3a
-	10q24.2c-q24.31a
-	11q22.3c
-	3p22.2a
+	21q21.1c
-	15q11.2a
-	4q21.1a
-	17p13.2c
-	4q13.3d
-	4q13.3d
-	4q21.1a
-	Xq13.1d
-	2q21.3b
+	11q23.3e
+	2q37.3a
+	Xq28f
+	Xp22.2
-	Xp21.2a
+	Xp21.1b
-	Xp22.12b
+	Xq13.3c
+	Xp11.4e
-	Xp11.3b
-	Xp11.4c-p11.4b
+	Xq22.2b
+	Xq28b
-	Xq28b
+	Xq23a
+	Xq23d
-	Xq24c
+	Xq22.3b
+	Xp21.1b

+	Xq25e
-	18q21.1g
-	4q24c
+	5q31.3a
+	"Xp22.33d,Yp11.32a"
-	17q23.3a
+	1p13.3b
+	3p21.31b
-	18q22.3c
+	16q22.1e
+	17p13.1d
+	17p13.2c
-	1q32.1d
-	11p15.4b
-	22q13.2b
+	6q14.2b-q14.3a
-	1p32.3b
-	16q24.3a
-	11q12.2b
+	Xp11.4e
+	2q31.1c
+	8q24.3g
-	7p15.2c
+	6p21.31e
+	5q33.3a-q33.3b
-	8q24.3h
+	16q12.1c
+	7q11.23b-q11.23c
+	Yq11.222b
-	15q24.1b
-	8q24.3f
-	15q24.1b
-	2p22.2a
+	2q33.2a
+	10q23.33a
-	2p13.3a
+	2q35e
-	12q14.1a
+	19q13.2b
-	10q23.33c
+	10q23.33c
-	22q13.2b
+	10q26.3f
+	19q13.2b

-	11p15.2b
-	6p12.3e
-	7q22.1b
+	14q32.2b
+	19p13.12a
-	19p13.12a
+	4q35.2a
-	7q21.2a
-	Xq21.1a
-	17q25.3b
+	19q13.32c
-	7p22.1b
+	22q13.1a
-	2q24.1d
-	4p16.2a
+	22q11.23b
+	17p11.2d-p11.2c
+	21q22.3c
+	2q37.3g
+	4p16.2b
+	14q23.1b
+	14q23.1b
-	19q13.32b
-	14q11.2e
-	
+	3p21.31d
-	7p22.1b
+	11q12.2b
+	12q24.11a
-	5p15.2c
+	1q22b
+	9q21.33c
-	15q22.31a
-	19p13.3e
+	2q24.1e
+	4q23b
+	1q23.2a
-	2q21.3b
+	1q25.1a
-	6p21.32a
+	19p13.3i-p13.3h
+	12q13.13b
-	3p24.3d
-	9q33.1d

+	7q21.12b
+	2q14.2b
-	5q35.3a
-	16q24.3b
+	20q13.12b
+	7p13d
-	19q13.33a
-	3q22.3b
-	1p21.2a
+	9p13.2a
+	19p13.12c
-	4p15.32b
+	1q24.2a
+	17q23.3a
-	17q21.31d
+	6q22.2b
-	3q12.1a
-	11p13f
+	1p35.1b
-	16p13.3d
+	4q13.3b
+	4q31.3a
-	10q25.3a
+	1p13.2b
-	10p13c
-	3p21.1c-p21.1b
-	12p13.33b
+	5q22.2b
+	11q24.2c
-	4q35.1b
-	2p13.1b
-	12q13.3b
-	9p13.3c
+	16p12.1c
+	8p12e
-	16p11.2c
-	3q26.33c
-	16p12.2c
+	4q12a
-	11q22.3a
-	17q25.3g
+	19p13.11e
-	1p22.3e

-	6p21.33a
	11q12.2b
+	11p11.2b
-	7p12.2a
+	2p25.1e
+	8p12a
-	12q13.3b
+	10q22.1f
-	4q23b
-	12q13.12a
-	1p36.12b
+	6p21.33a
-	20p13c
-	22q11.23b
+	22q11.23b
+	2p24.3b
+	11q22.3c-q22.3d
+	12p11.21b
-	22q13.1b
+	2q14.1d
+	16q22.1f
+	16q22.1f
+	16q22.1f
+	1p13.2d
+	10q21.3e
-	12q13.12a
-	14q32.13a
+	Xq26.3a
+	20q13.13c
-	16q22.1c
-	9q34.13b
-	19p13.12c
+	Xp11.4b
+	Yq11.21b
+	5q11.2e
-	5q35.3a
+	17q23.3b
+	5q31.1e
+	12p13.1b
+	19p13.11b
-	17q24.1a
+	10q21.3e
-	17q12b
-	12q24.13b

+	12q24.31d
-	7p13d
-	9p21.1a
-	1q32.1b
-	11q23.3e
-	4q32.3e
-	6q24.2a
-	11p15.5d
+	8q21.3d
+	16p13.3f
-	1q23.3a
-	19q13.2c
+	6p21.31c
+	16q24.3b
+	8p23.1e
-	20q11.21a
+	20q11.21b
+	20q11.21b
+	20p13f
-	8p23.1a

-	8p23.1a
+	8p23.1e
+	1q42.11b
-	14q32.2b
-	6p22.3d
+	1p34.2c
-	9q33.2b
-	19p13.3a
-	1p13.2a
-	1p13.3a
+	8q24.3c
-	15q22.31b-q22.31c
-	1q21.3d
+	9p22.1a
-	11p15.4a
-	12p11.21b
+	12q24.31d
-	5q12.1b
+	22q12.2c-q12.3a
+	8q24.12c
+	11p13d
+	12p12.3d
-	8q24.13b

-	17p13.2b
-	22q11.23a
-	15q25.3d
-	16p13.13c
-	1p36.22c
+	1p36.32b
-	7p15.3a
-	9q32e
+	2q31.2b
-	8q24.3h
+	11q13.5a
-	22q11.21b
-	22q11.21b
+	22q11.21b
-	22q11.21d
+	22q11.21d
+	12q13.2c
+	2q37.1d
+	17q22c
-	4p16.3c
+	2p13.1b
-	1p32.3b
-	11q13.4a
+	1p36.11b
+	19q13.33a
-	5q14.1e
-	12q13.12b
+	16q22.3a
-	14q12a
+	17q12b
-	13q14.3c
-	17q11.2a
+	14q11.2g
+	14q11.2g
+	14q11.2g
-	14q23.1c
+	17p11.2b
-	17p13.1b
-	"Xp22.33d-p22.33c,Yp11.31c-p11
+	10p14a
-	4p15.2d
-	6p21.33b
-	5q11.2d
+	3p21.31f

-	10q26.2a
-	17p13.2b
+	19q13.32c
+	20q11.23c-q12a
-	3q25.2c
-	12q24.31f
+	16q22.3a
	17q23.1a
-	17q21.2b
+	17q21.31b
+	1q25.3d
-	12q24.31c
-	5q31.3c
-	13q21.2b
-	14q32.13b
-	20q13.33d
-	5q12.1c
+	21q22.3f
+	12q13.13b
-	10p15.3d
-	19p13.3g
-	1p31.3a
-	2q32.2a
+	3q21.1a-q21.1b
+	15q22.31c
+	2q37.1b-q37.1c
+	1q41e
+	15q15.1a
+	11q23.1b
-	22q13.2b
+	Xq22.1c
+	Xq28g
-	9q34.3d
	7p22.1a
+	22q11.21f
+	
+	9q22.1a
+	22q11.21e
-	13q34d
	7p22.1a
	1q25.3e
+	7q21.2b
+	7p15.1b
+	17q11.2c

	15q13.3d
	5q12.1b
+	
+	11p15.1d
	12q24.32c
-	8p23.1e
	18p11.21e
	11p11.2c
+	19q13.33a-q13.33b
+	11q23.1c
+	7q31.1a
+	13q14.3a
-	13q14.3a
+	1p31.3c
-	3q29h
-	11q14.1d-q14.1e
+	Xq13.1c
-	17p13.1d
+	20q11.23a
-	14q22.3a
-	6p21.1c
-	6q27f
+	19q13.2a
+	14q24.3b
+	2q31.1d
-	2q31.1d
-	7q21.3c
+	1p34.1e
+	1p33d
-	22q13.1b-q13.1c
-	19q13.12a
+	9p24.3b
+	9p21.3c
-	1p33a
+	7q21.12a
-	19q13.32a
+	5q23.1c
-	15q21.2b
-	10q21.3d
+	17p13.1d
-	16p12.2c-p12.2b
+	9p13.3c
+	9p13.3e

-	16q12.1a
+	16p13.3b
+	15q25.1a
-	19p13.12c
+	3q27.3a
-	10q22.1f
-	4q23b
+	2q35f
+	1p31.1e
	9p13.3b
+	7q36.3c
+	7q31.1a
-	10p12.31a
+	2q32.1a
-	1p36.31a
-	10q21.3d
-	12q13.2c
+	13q14.11d
+	1p36.21a
-	15q15.1b
-	5q31.2d
-	3q26.33b
-	7q22.1f
+	5p13.2d
+	12q13.12b
+	11p13f
+	9q31.3b
-	2p23.3c
-	21q22.11c
+	13q32.1b
-	7q11.23b
+	11q13.1a
+	20q13.33e
+	8q13.1a-q13.1b
+	1p31.3b
-	17q21.2b
-	1p35.3b
-	10q22.2a
+	14q24.3a
-	22q13.1c
+	1p34.3c
+	16p13.3c
-	Xq28g
+	16p13.3d

-	3p14.3a
-	19p13.13c
+	12q24.31a
-	2q36.3e
+	11p15.4c
	3p14.3b
-	9q34.3d
+	12p11.21a
+	19p13.2b
+	1q24.3b-q24.3c
-	19p13.2c
-	2p23.3c
+	20q11.21c
-	21q22.3d
-	2q35f
+	10q24.1a
+	20q13.12b
-	1p22.1a
-	16p11.2d
-	2q36.2a
+	Xq24a-q24b
+	5q35.1b-q35.1c
-	19p13.2b
-	1p31.3d-p31.3c
+	9p24.3b
-	13q32.3a
-	19p13.3f-p13.3e
-	5q35.3a
-	16q13c
+	18q22.2a
-	9q34.11c
+	9q34.11c
-	6p21.32b
-	21q22.11c
+	6q14.1e-q14.2a
+	21q22.12b
+	19p13.3g
-	11q23.3e
+	6p21.33a
-	16q22.1b
-	19q13.13d-q13.2a
+	11q13.1c
	14q24.2b
+	

+	1p34.1f
-	3p24.3e
-	1p21.2a
-	20q13.13f
-	9q34.11a
-	1q22a
+	2q14.1a-q14.1c
+	11q13.1e
-	9q34.3e
-	15q22.31b
-	19p13.3d
+	17q11.2c
-	7p14.3a
+	19q13.11a
+	8q22.1c
-	2p22.3e
-	1p21.3b
+	8p21.2a
-	5q32e
+	1p22.1b
+	12q23.2a
+	11q13.1d
-	10q26.3f
+	11p15.5d
+	22q12.2c
+	17p11.2g
-	18q12.1d
-	18q12.1d
-	18q12.1d
-	11q23.3c
-	8q24.12c
-	21q22.13a
+	18q12.1d
+	18q12.1d
-	20q11.23a
+	20p12.1a
-	1q32.1g
+	20p11.23d-p11.23c
+	1q32.3b
+	18q12.1g
-	2p23.3c
-	6p22.3f
+	15q21.2a
-	5q23.1c

+	12q24.13b
+	7q11.23f
+	12q13.3b
+	3q21.1a
+	11q12.1c
-	2q37.3g
-	17p13.1d
-	17q25.3g
+	16q22.1c
-	19p13.3b
+	7q22.3c
-	5q35.1e
-	1q41d
-	2p13.2a
+	1q23.3b
+	17q12b
-	20q11.21b
-	12p13.2a-p13.1b
-	22q12.2b
+	2q32.1a
-	2q11.2a
+	6p25.3b
+	1q23.2b
-	8p12c
+	2q37.3e
-	17q21.31b
+	10q25.2a
-	3p21.1e
-	11p15.5b
+	Xq28f
+	15q21.1d
-	10q11.21a
-	1p36.33a
-	17p13.1d
+	3q27.1b
-	18q21.1e-q21.1f
+	14q32.31b
+	7q21.3b-q21.3c
+	2q31.1d
-	16q22.1a
+	11q22.3a
+	2p21d
+	12q24.31a

+	17q22d
+	20q11.22a
-	6q25.3d
-	Xp11.4e
+	21q22.13b
-	19q13.2b
+	12q15a
+	1q32.1h
+	12p13.32a
-	15q21.3c
-	20q11.22a
-	1p36.12a
+	6p22.3c
+	16q22.1a
+	8q21.2b
-	2p25.1b
-	12q21.2b
-	11p15.1c
+	16p13.3d
+	3p24.3e
+	3q13.33c
-	14q13.1c
-	16p12.1c
+	8q23.2a
-	5q33.3c
-	10q26.3b
+	20p13c
-	13q32.3a
+	19p13.3d
-	1p34.2a
+	Xp11.23d
-	13q14.3a
	19q13.11a
-	10q22.1g
-	1p36.12b
+	3q27.1b
-	22q13.33b
-	19q13.2a
-	6q22.33a
+	10p14a
-	10q26.3f
-	7p11.2c
-	19p13.2a
+	3q26.31b

+	6q24.1a
-	2q13a
-	15q24.1b
+	3p26.2a
-	20q11.22b
-	1q25.3f
-	9q34.3e
+	1p21.2a
-	19p13.11a
-	1p34.2c
-	12q22a
+	11q14.2a
-	20q13.33e
+	4q24d
+	2q33.3b
-	8q24.3g
-	11q12.3a
-	19p13.3e
+	16p12.1c
+	3q21.3b-q21.3c
+	7p14.2a
+	17q23.2d
+	11p15.5c
+	1p31.3c
-	11q13.1d
-	13q12.11c
	6p12.2a
+	2q37.1c
+	1p36.21a
+	1q22a
+	19p13.3i
+	1q22a
+	Xq13.1a
-	13q33.3a
+	17p13.1d
+	8q24.22b
+	2p23.3c
-	15q25.2a
-	17q21.31d
+	9q34.3d
-	1q42.2a
-	
+	5q31.2c
-	10q21.2b

-	8p21.3a
+	2p15b
+	11q13.1d
-	11q13.1b
+	2p23.1a
-	15q15.1c-q15.1d
-	3q27.2a
	9q34.3f-q34.3g
-	6p21.32b
+	11q24.2b
+	15q21.1d
-	19q13.2a
+	12q23.3a
+	17q21.2b
-	11q13.1d
	Xp22.12b
+	Yq11.222c
+	3p22.1c
+	3q25.1b
-	7p22.1b
-	2p22.2b
-	2p11.2c
+	15q15.1a
-	12q24.31d
+	14q24.3b
-	1p34.1d-p34.1c
-	2p23.3a
+	3q27.1b
+	1p34.3e-p34.3d
-	8q24.3c
+	1p34.3d
+	1p34.3e
+	14q23.3b
-	20q11.22a
+	Xp22.11a
-	10q26.11c
+	7p22.2c
+	16p11.2e
-	16p11.2e
-	22q12.3d
-	8q23.1c
+	11p15.4b
-	19p13.2c
-	8q24.11a

+	1p35.1b
+	15q15.3c
+	19q13.2a
+	22q13.1a-q13.1b
+	11p13e
+	17p13.1d
+	3q27.3a
-	17q25.3d
+	12q13.13e
-	4q23a
+	2q37.1c
-	3p13d
+	8p12a
+	10q22.1b
+	5q31.3b
-	22q12.2c
+	3q27.1b
-	11p15.3e
-	1p36.12b
+	7q11.23b
+	14q32.32b
+	17p13.1d
-	3q26.2c
-	20q11.22b
+	1p36.12a
+	18q21.2a
-	17p12c
+	19p13.3i
-	19p13.2e
-	13q14.11a
+	1q32.1c
-	Xq25h
-	22q13.1a
-	Xp11.23f
+	12q23.1a
-	1q32.1g
-	19p13.11c
	5q15d
-	15q15.3b
-	7p14.2a
-	20q13.12c
+	16q22.1a
+	11q22.3c
+	4q31.1f

+	7q11.23b
-	19p13.2a
-	6p24.2a
+	10q24.32b
-	6q14.1c-q14.1d
-	6p12.1d
-	4q25d
-	5q12.1b
+	18q12.2a
+	17p13.3f
+	8p21.1d
+	11p13f
-	5q11.1c
+	Xq28g
+	17q21.33b
+	12p13.31d
+	18p11.32a-p11.31e
+	14q32.2b
-	19q13.32a
-	11q12.3a
+	2p21f
+	19q13.32c
+	19p13.3a
-	19p13.12b
-	19p13.2e
-	19p13.2e
+	2p13.2b
-	10q26.11a
-	1q42.12b-q42.12c
+	4q13.3b
-	5q13.3a
+	11q21b-q21c
+	9q34.11c
-	9p13.3c
-	1p36.23a
+	12p13.31d
+	17p13.2b
+	4q21.22a
-	18p11.32c
-	13q14.11d
-	Xq25h-q26.1a
+	6q23.2a
-	8q24.12b
+	6q23.2a

+	6p12.3e
-	6p12.3e
-	1q21.2c
-	22q13.1d
+	10q23.33d
-	9q34.3e
-	8p21.3a
+	20p11.21a
+	8q23.1d
-	3p24.1c
+	12q24.33c
+	2p21b
+	1p35.3a
+	20q11.23a
-	6q23.1e-q23.2a
-	9q31.3a
+	2q14.2c
-	10p11.22b
+	2q23.1b
+	2p21a
+	7p14.1e
+	4q13.3e
+	3p11.2a-p11.1b
-	2q36.1a
+	3q22.2a
-	7q22.1c
+	7q34f
+	1q42.12c
+	8p21.1e
-	6q24.3a
-	3p22.2b
+	19q13.42c
+	17p11.2e
-	19p13.2b
-	17p11.2e
-	17q25.3b
-	1q41d
-	1p32.3e
-	19p13.11f
-	12p12.3e-p12.3d
	11p15.5d-p15.5c
-	13q14.11c-q14.11d
+	17q11.2a
-	5q15d

+	5q15e
+	17q12c
+	12q13.2c
-	19q13.32a
-	19q13.32a
-	2q14.3d
+	13q33.1b
-	10q11.23a
-	Xq13.1e
-	5q12.1b
+	5q35.1e-q35.2a
+	20q11.22b
-	14q24.1e
+	8p23.1d
-	16p12.2c
-	8p23.3b
-	10q24.2c
+	8p12a
+	1p34.2a
-	9p24.1c
-	17q23.3b
-	14q22.1d
-	1q42.3d
-	12p12.3e
+	12q24.13a
-	9q31.1a
-	1p36.23b
-	7q11.21c
-	11q24.2a
-	18q11.2a
+	8p21.1e
-	13q14.2a
-	5q11.2d
+	12q13.13e
+	1p36.31a
+	2q37.3b-q37.3c
-	14q23.2b
+	11q13.1b
+	13q12.11b
-	1q41b
+	12q13.2c
+	2p14b
-	5q31.2c
-	15q24.2a

-	19q13.33d
+	4q32.1e
-	19q13.31a
+	12p12.1d
-	1q32.1e-q32.1f
-	11q24.3a
+	21q22.2a
-	1q23.1b
-	17q21.31b
-	3q27.2b
+	12p13.2b-p13.2a
-	6p21.31a
-	3q26.2a-q26.2b
-	17q11.2d
-	17q11.2d
-	1p22.1d-p22.1c
+	19p13.2e
+	14q32.2b
+	22q12.2a
+	14q24.1d
+	1q43e
+	4q12d
-	6p25.3b
+	5p15.33e
+	7q33a
+	10q23.33a
-	17q25.1d
-	1q42.2a
-	16p12.2c
+	3p22.2a
-	10q24.1b
-	1p36.22b
+	9q34.12a
-	9p13.2a
+	8q24.3g
-	19q13.2c
-	16q22.1f
+	3p21.31k
+	13q13.3b
+	4q27c
-	8q24.11b
+	11p11.2e
-	1p21.2a
-	1p35.3b

-	6q12c-q12d
-	17q21.31a
-	7q36.1a
-	6q25.3d-q25.3e
-	1q23.3a
-	5q35.3a
+	5q13.3d
+	19p13.11e
-	1q24.2b
+	Xq28g
-	Xq28h
+	1p33d
-	2p11.2d
+	8q21.13b
	13q14.3d
+	7q36.1e
	11q12.1d
+	5q33.3d
+	6q22.31c
+	11q13.3c
-	11q12.2b
+	11q12.2b
-	11q12.2b-q12.3a
-	17q25.1c
-	1p33a
+	5q35.2d
+	15q25.1b
+	16p13.3e
+	2q11.1c
-	2q11.2b
+	3q22.3c
-	12q13.13a
-	1q32.1h
+	17q24.2b
+	17q25.1d
+	12q24.31e
-	17p13.3g
-	9q34.11a
+	1p13.3c
+	15q25.2b
-	17q25.1a
-	Xp11.21a
+	5p15.2a
+	5p15.2a

-	10p13c
	1q21.1d
+	1q21.1c
-	9q21.13a
+	15q25.1b
-	12q24.12a
+	13q14.3a
-	7q33a
+	20p13f
+	11q12.1c
+	11q12.1c
-	20p13c
+	12q13.11b
-	5q33.2b
-	7q35a
	3p14.3a
	22q13.33b
-	17q21.33a
+	2q33.1g
+	11q24.2c
-	2q33.3c
+	12q14.1a
+	9q22.31b
-	9q22.31b
+	6q27f
+	9q21.11a
-	Xq26.3a
-	Xq11.1c
+	2q21.1c
+	19p13.11d
+	9q33.3b
-	7p15.3b
-	2q33.1e
+	Xq26.3a
-	2q21.1d
+	2q21.1b
-	9q34.11a
+	19p13.11d
+	3q27.1b
-	1p36.13f
-	7q21.2b
-	5p15.1b
-	17q21.31a
+	6q13a

-	2p14a
+	
-	4q22.1c
-	5q31.2c
+	10q22.1g-q22.2a
+	14q32.13a
-	2p25.3g
	1p32.3b
+	5q35.2d
+	15q25.2a
-	Xp11.22b
+	Xp11.22b
-	14q12a
+	1p32.3d
-	11p15.4c
+	10q25.3a
+	8p21.3a
-	2p15c
-	14q24.3a
-	6q22.2a
+	8q21.12a
+	14q24.3b
+	21q22.11c
-	8p23.1b
+	1p35.1b
-	5q13.3b
+	5q23.1d
-	10p13c-p13b
	5q15a-q15b
+	16p13.3f
+	5q21.1b
-	4q21.23a
+	10q26.13d
+	14q13.2a
+	1q41e
+	10q24.31a
+	14q21.3b
-	6q22.31a
-	4p15.32b
-	12q13.12c
-	10p13b
-	1q22a
+	17p11.2f
+	10q23.1c

+	4p16.3a
-	5q35.3a
+	16p13.3f
-	
-	Yp11.2c
+	22q13.32a
+	1q25.2c
+	10q11.23b
+	10q11.21d
+	10q11.23a
+	10q22.3f
-	9q22.32a
+	10p12.33c
-	10q26.13b
-	10q11.22c
-	10q24.33a
+	6q22.1d
+	6q22.1d
+	17p11.2a
+	19p13.11f
	10q23.2b
+	1q44b
-	16q24.3a
-	18p11.22a
-	Xq28g
+	21q22.3a
-	7q31.31d
+	1p13.3b
-	
+	3q29d
+	1p36.12b
-	5q35.2a
+	10q26.11c
+	Xq25h
-	6q14.1e
-	1p36.11a
+	1p12c
-	2p24.3a
-	8q24.21c
+	Xq28g
+	6p25.2a
-	4p16.3b

-	10q26.13d
+	5q31.2c
-	6q23.3b
+	1p36.11b
+	3q12.3a
+	17p13.3f
-	16p11.2d
-	Xq28f
-	18q12.1e
+	2p23.3b
+	1q25.2a
-	1q31.1d
-	12p11.21b
-	7q36.3e
+	3q22.3c
-	1q21.2d
+	17p13.2a
-	6p22.2b
-	20q13.13f
-	1p22.1c
	9q34.3e
-	Xq24d
	13q34d
-	19q13.33c
+	1q32.1g
+	1p12a
-	1q21.1a
+	1p31.1e
+	9q34.11c
+	9p13.1a
+	9p12b
-	9p11.2c
-	9q21.32a
	9q22.1a
+	1p35.3b
-	9q34.13a
-	1q24.1a-q24.1b
-	15q13.3c
+	15q13.2a
+	1p34.2b
+	12p13.31b
+	15q22.2a
-	15q15.1b
+	20q11.23c

-	8q24.3g
-	8q24.21a
-	16p13.3b
-	8p23.1a
+	11q13.4a
-	3p12.3d
	8p23.3b
-	1q42.2a
+	11q13.1c
+	6p22.3e
-	12p13.31b
+	8p23.1e
+	8p23.1e
+	8p23.1f
+	8p23.1f
-	8p23.1e
-	8p23.1e
+	8q24.13c
+	8q22.1b
-	15q22.31a
-	16q22.1a
-	2p22.3d
+	15q14d
+	19q13.2a
-	Xp22.31a
-	16q24.3b
-	Xp22.2
+	3p25.3c-p25.3b
+	6p21.31c
-	11p14.3d
-	9p13.3b
+	15q26.1a
-	2p16.1b
+	11p15.2c
+	13q32.2b
+	2q37.3f
+	6p25.1b
-	19p13.13c
-	2q36.1c
+	10q23.31b
+	1q24.3d
-	17q25.3g
-	7q36.1d
-	2q31.1a

+	2q33.3b-q33.3c
-	5p15.31a
-	20p13c
-	4q35.2a
-	11q13.1c
-	19q13.2b
+	22q13.31c
+	3p25.1b
-	14q32.12a
+	2q13d
-	9q22.32a
-	9q22.32a
+	16p11.2c
-	12q24.31b
+	11q13.1f
-	19p13.2c
-	7q22.1f
-	12p13.33c-p13.33b
+	10q24.32b
-	16p13.3f
	7p22.1c
	16p11.2c
+	3p22.3c
-	17q12c
+	5q31.1f
+	15q22.31a
-	13q22.3a
-	8q24.3h
+	16q22.1a
-	9p13.2a
-	2p16.3d
-	18q22.3c
-	8p21.1c
-	19q13.2a
-	1p36.22b
-	12q24.22b
+	15q24.2a
+	8p23.3b
+	1q42.11a-q42.11b
-	11p13c
-	6q24.3a
-	16q24.2a
-	8q24.13c
-	14q21.1b

+	14q22.3a
+	2q36.3e
+	5q33.1a
+	5p13.1a
-	2p13.2a
-	1p36.13f
+	1p36.22b
+	3q29g
-	19q13.32a
-	2p14a
-	6q25.2a
+	1p36.22b
+	22q12.3a
-	4q34.1c
-	5q35.1d-q35.1e
-	9q33.2a
-	10q24.32a
-	9q34.3e
-	4q31.3c
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-	19p13.13c
+	19q13.42b
+	1q23.3a
-	19p13.2e
+	14q24.3a
-	19q13.2b
+	1q23.3a
	1q23.3b
+	1q23.3b
+	19q13.33b
+	19p13.11d
+	5q13.2c
-	11q13.4b
-	9q34.3a
-	1q23.1d
-	1q23.1d
-	1q23.1d
-	1q23.1c
-	1q23.1c
+	1q23.2b-q23.2c
+	1q23.3b
+	1q23.3b
+	8p23.1a
+	1q22a

-	7q11.23f
+	11q22.3d
-	19p13.2c
-	11q23.1b
-	18q21.31b
+	19p13.3d
+	15q23a
-	5q22.3b
+	11q12.2b
+	5q21.3d
	20q11.22b
-	14q22.2a
+	11q13.1a
+	15q26.1c
-	11q24.2b
-	2p22.2b
-	Xp11.22a
+	6p21.2c
+	9q22.31b
-	12q22d
+	17p13.1d
+	8p21.3b
+	5q35.1d
+	4q27d-q28.1a
-	8p22b
-	12p13.32a
+	13q12.11c
-	10q23.32b
+	6q27c
+	12p11.23b-p11.23a
+	4p16.3b
+	5q35.2d
+	4p16.3c
+	1p32.1d-p32.1c
-	1p35.3b
-	1q43e
+	4q31.3d
-	3p14.2d-p14.2b
+	Xq26.3b
-	2q12.2a
-	1p34.3b
-	16q22.1a
+	18q12.2b
-	9q34.12a-q34.13a

-	11q13.1d
+	12q23.3d
+	6q21f
-	7p12.2a
-	12q13.13c
-	6q14.1a
-	3q12.1c
+	5q15d
-	7q22.1d
+	14q12a
-	19q13.42c
+	11p13a
-	12q13.12a
-	7p15.1b
-	9q32b-q32c
-	20p13e
+	2p23.3d
+	11q13.1a-q13.1b
+	12p13.33a
-	6p21.31c-p21.31b
-	2q31.2b
-	7p11.2b
-	6p21.32b
+	19q13.32b
+	2q21.1d
+	9q31.2a
-	17p11.2h
+	11q24.3a
-	17p11.2f
-	2q11.2a
+	3p13b

+	14q11.2c
+	19p13.3d
-	19q13.32b
-	7p13e
+	2p11.2d-p11.2c
+	1p32.1d-p32.1c
+	16q22.1d
-	19p13.2b
-	2p15c
-	4q21.23a
-	7p21.3a
+	9p21.2b

+	11q13.1c
+	14q11.2f
	4p14f
+	5q31.1c
+	4q23c
+	2p23.3a
-	4p14a
-	9q12g
+	12q13.11b
-	2p23.2a
-	12q24.23a
+	22q13.31d
+	16q12.1c
+	19p13.11c
+	17q21.33b
+	4p12a-p11c
	7p13d
+	2p23.3a
+	17q25.3c
+	7q31.31d
	19p13.2e
	17q25.3g
	14q23.1c
	11q13.1e
	1p36.33b
-	12p13.1a
-	15q25.2a
-	
+	7q22.2b-q22.2c
-	17q11.2a
	3q13.13b
	16p11.2d
-	18q23d
-	19p13.2e
-	22q11.21b
+	19q13.33b
-	
+	
+	Xq26.1b
+	2q21.1d
+	16q24.1c
-	14q23.1b
-	22q11.23a
+	2q33.1d

-	16p13.3e
	1q32.1g
	19q13.33b
+	
	11q22.1c
-	2q23.3a
-	14q24.1a
-	2p25.1b
+	2q37.3g
-	
-	20q11.21c
+	
	6q22.1a
	3p14.3a
-	9p24.2b
+	17q25.3e
+	
+	17q25.3g
+	15q11.2c
+	22q12.2c
+	4p16.3c
+	1q21.3a
-	19q13.33a
-	7q22.1f
-	2p15a
+	7q11.23e
-	10q23.31c
+	6q21f
+	12q24.11b
-	4q25b
+	2q21.1c
-	4q32.3b
	4q35.2a
+	6p21.1e
-	15q22.2b
-	
+	7p22.1c-p22.1b
-	14q11.1d
+	4p15.32d
-	Xq11.1c
+	19q13.32a
	13q21.1d
+	2p11.2c

+	3q21.3c
	7q35a
	11q24.2b
+	2q21.1d
	13q34d
+	5q33.1b
-	6q21f
	15q26.3c
-	7q36.2a
+	3q27.3c
+	2p16.1d
+	
+	12q24.22a
	5q22.1a
+	6p21.31a-p21.2c
-	15q25.2b
-	
-	6p21.31f
+	19q13.11c
	2p13.2a
+	7p22.3c
	5q35.2d
-	3p14.3b-p14.3a
+	18q23a
-	17q22d
+	14q32.13b
+	1p32.3a
+	6p21.33b
-	
+	21q22.11c
-	17q25.3e
+	14q23.1c
-	
-	8q22.1a
+	9p13.3b
+	10q26.13b
-	9q34.11e
+	6q23.3d
+	
-	17q25.3f
-	Xq28g
+	3p14.3a
+	7q32.1a
-	6p21.33b

-	17q11.2a
+	14q31.3a
+	19q13.33b
+	14q24.3b
+	16p13.3d
-	15q13.3d
+	17q21.31d
+	2q23.3d
-	12q13.12c
+	1q24.3a
+	1q24.3a
-	1q21.1c
-	1q32.1e
+	17q25.3h
-	9q34.11d
+	1p22.1b
-	11p11.2b-p11.2a
+	6q25.3e
+	3q26.31a
-	1p35.1b
+	1p13.3c
-	5q31.1a
+	4q32.1e
+	8p11.21a
+	14q23.3a
+	11q13.4a
+	11q13.4a
+	14q24.3b
+	19q13.32a
+	19q13.32a
+	6p25.3a
+	16q24.1c
-	5q13.2c
+	1p33d
-	9q12j
-	9q12j
+	6p25.3a
+	10q26.2c
-	17q25.1d
+	12p13.31c
-	1p34.2b
+	7p22.1d
+	16q24.1c
-	3q22.3c

-	12p13.33a
+	17q11.2a
+	2p16.3d
-	13q14.11a
+	6q21e
+	Xq13.1c
-	3p14.1a
-	Xp11.23b
+	6p21.1g
+	11q23.3e
+	11q24.2c
-	22q12.3d
-	19q13.33e
+	11p15.4d
-	1p36.22b
+	10q24.1b
-	10q24.1b
+	4q35.2d
-	
-	6q22.1d
-	9q21.32b-q21.32c
-	15q15.3b-q15.3c
+	14q22.1c
+	11q13.1c
-	1p21.2a
-	6p21.1f
-	4p12a
-	2q32.1a
-	
-	14q21.3a
+	7p22.1c
+	7q32.1a
+	19p13.3d
-	15q25.2a-q25.2b
-	15q14d
+	5q11.2c
+	19p13.3j
-	4q32.2a-q32.2b
-	11q12.3a
-	8q21.13b
-	9p22.3b
	11q14.1a
+	1q42.13c
-	2p23.3a

-	13q12.11c
+	Xq28a
+	19q13.33a
+	16q12.2a-q12.2b
+	Xp11.23d
-	7p22.2c
-	17q23.3b
-	16q22.3a
+	6p21.2c
-	1p31.1e
+	9q34.11e-q34.12a
-	1p36.11d
+	16q22.1f
-	Xp11.3b
+	15q26.1c
+	16p11.2c
+	10q22.2a
+	11q21b
-	19p13.3b
-	19q13.33b
-	18q21.33b
+	11p15.4c
+	9q21.11a
+	3q26.33b
-	17p13.1d
+	19q13.12a
+	10q11.21b
+	19q13.12a
-	11q23.3c
+	19q13.12a
-	3p21.31i
-	6q21i
+	3q29i
+	7q21.13c
+	17q21.31c
+	8p21.1c
-	11q14.2a
-	2q33.3d
+	7q11.23a
+	19p13.3e
+	5q33.1e
-	4q21.1a
+	17q21.31c
-	Xq28g

+	17q25.3d
+	4q31.21c
-	11q14.1a
-	Xq28g
-	17p13.1d
+	12p13.2c
+	16q23.1a
-	6p22.1a
-	9q22.33b-q22.33c
-	15q21.2a
-	15q21.2a
+	15q12b
+	4p12b
+	5q35.1c
+	2q31.1c
+	1p31.3a
+	19p13.3g
+	9q22.2a
-	19p13.13c
+	Xp11.23b
-	4p16.3c
-	7q22.1c
-	14q31.3c
-	1p36.11d
-	17q25.1d
+	15q21.1d
+	2p22.1c
-	16q24.3a
+	18q12.2a
+	5q33.2b
+	7q36.1e
+	9q22.33c
-	2p23.1a
-	12q21.33b
-	12q13.13c
+	14q24.1d-q24.1e
-	11p15.3d-p15.3c
+	17q25.1d
+	9p13.3c
-	19p13.3i
+	16q23.2b
-	11q12.3a
+	15q15.1d
+	3q13.31b

+	12p13.31d
+	5q11.2g
+	9q33.3a
+	4q25c
+	17p13.3b
+	7p15.1b
-	21q22.11c
+	11p14.3d-p14.3c
-	1q25.1a
+	16q24.3b
+	10p14d
+	7q21.2b
+	19p13.11a
-	1q21.3d
+	12q24.31a
-	15q21.1a
-	7q22.1c
-	1q22a
-	9p13.3a
+	7p11.2b
-	3p12.3a-p12.2b
+	10q24.32b
-	9q34.2a
-	1p22.2c
-	1p22.2c
-	1p22.2c
-	1p22.2c
-	1p22.2c
-	1p22.2c
-	4q13.3b-q13.3c
+	2q24.2d
+	22q13.1a
-	7q32.1a
+	2q12.3c
+	19p13.13c
-	3q13.2a
-	2q24.2d
-	14q22.2b-q22.3a
+	15q15.1b
-	6p12.1d
-	6p12.1d
-	6p24.2a
-	12q24.23c-q24.31a
+	9q21.13c

+	6p24.2a
+	6p24.2a
+	15q21.3d
-	16q23.2b
+	9q21.13a
+	8q21.11b
-	1p12c
-	16p12.3a
+	12q13.2b
	20q11.22b
+	Xq28g
-	10p15.1b
+	17q22d
+	Xq13.1c
-	11q13.4c-q13.5a
-	8q22.1b
-	17p13.3f
-	5q33.2b
+	2p22.1c
-	Xp22.2
+	2p24.2b
-	1p22.1d
+	3q25.32b
-	5q13.3a-q13.3b
-	6p24.1a-p23b
-	2p14a
-	8p21.3b
-	5q31.2c
+	22q13.1a
-	16p12.1c
-	17q25.1c
-	7p15.1b
-	2p11.2f
-	8q12.3b
+	17q12b
-	20q11.22b
+	2p11.1d
-	9q33.2a
-	20q11.22b
-	17q21.2b
+	10q23.1c
-	7q22.1c
+	7q36.1c
+	7q36.1c

+	7q36.1c
-	5q21.1d
-	16q24.1b
+	16q21a
+	8p11.21b
-	19p13.12c
-	12q24.11c
+	16p11.2d
+	16p11.2d
-	13q12.11a
-	13q12.11b
-	17q21.31c-q21.31d
+	1q42.13c
-	7q22.1b
+	Xp21.2a
-	3q23c-q23d
-	9q21.32c
-	Xq22.1c
-	3p22.3c
-	2q35f
+	11q25e
+	7p21.3e
+	15q23a
-	9p24.1b
+	9q34.11b
-	16q22.3c
+	12q13.3b
+	8q24.3f
+	12q21.2a
+	9p13.3a
-	9p24.2a
-	1p22.1e-p22.1d
-	6p21.2b
-	17p13.3f
+	Xp22.2
-	4q34.1d
-	5q15d
-	1q31.2b
+	10q26.3b
+	14q32.13b
+	2q32.2b
-	12q13.2c
+	12q24.32c
+	19p13.11d

-	9q34.3c
-	3p21.1d
-	12q23.3a
-	12q24.11b
+	1p36.33a
+	19q13.32c
-	10q23.2b
-	11q12.1c
+	3p21.1d
+	5q33.1d
+	2p14a
-	6p25.3a
+	1p35.3b-p35.3a
-	20q13.33e
-	14q22.2b
-	19q13.2a
-	19p13.11a
+	2q35f
-	3p21.31c
+	6p22.3f
+	14q12a
+	3q25.31a
+	19p13.3f
-	7p22.2c
-	17q24.1a
-	9q21.13c-q21.2a
+	19p13.3f
+	3p21.31b
+	1p13.3b
-	1p13.3b
+	22q11.22b
-	1p36.33a
-	22q11.21c
+	7q22.1c
+	12p13.31d
-	3q26.32c-q26.33a
-	15q21.2c
-	9p13.3a
+	9q31.3b
+	7q21.3a
+	14q22.1d
-	1q42.3c
-	1p22.3f
-	19p13.3g

-	19q13.32b
-	17q21.32c
-	6p21.33b
-	1p34.3c
+	3p21.1d
+	Xp11.22a
+	1q42.2a
-	5q31.3c
-	4p13b
-	14q22.2a
-	12q23.2a
+	16p13.3e
-	12q14.2b-q14.3a
-	9q34.11b
+	Yq11.23b
-	12q24.33d
+	3p22.2b
+	14q32.12b
-	15q24.1b
+	15q24.1a
+	8p11.21b
+	
-	3q13.33c
-	3q26.2a
-	9q21.33b
-	1q21.2c
-	3q26.2a
-	8q23.2a
-	1q32.1f
+	12p12.1e
-	1q22b-q22c
-	6q22.2b
-	3p22.2a
+	2q31.1c
+	17q11.2c
+	17q21.32a
-	10q24.2c
-	8p12a
-	16q21a
-	3q29c
+	3q21.3c
+	8q24.3g
-	10q25.2b
-	2q11.2a

-	1q23.1a
+	19q13.11b
-	1q41b
-	1p36.11a
-	1q23.1a
+	2q35e
+	5q11.2f
-	1p34.1b
-	7q22.1c
-	Xq26.2b
+	13q31.3b-q31.3c
+	13q31.3c-q32.1a
+	12q13.13a
+	3p22.3c
+	7p22.3b
-	14q23.2b
+	19q13.11c
-	Xp11.23c
-	6p22.2b
-	4q34.2a
-	Xp22.2
+	2p23.2b
-	1p36.11a
-	12q24.11c
+	7p15.3b
-	2q33.3b
-	Xq26.3c
-	4q27c
+	9q34.11d-q34.11e
-	19p13.3a
+	16q13c-q13d
+	8p12a
+	6q24.1d
+	3q12.2a
-	14q32.33c
-	14q23.1b
+	11q13.1b
+	1q42.3d
+	14q22.1d
-	16p12.3a
-	Xp22.2
+	9q33.3a
+	7p22.3b
+	2q21.1c

+	3q11.2c
-	3q13.33a
+	3q26.2b
-	1q24.2a
+	12p13.31d
+	2q14.3e
+	8q24.3h
-	3q21.3b
-	13q32.3a
+	13q32.1a
+	12q13.3a
-	13q32.3a
-	12p13.1b
-	8q24.3d
+	3p13d
+	1p36.11a
+	2q12.1d
+	1q25.1a
-	2q37.1a
+	16q13d
+	6q21g
+	1p13.3b
-	6q16.1f
+	14q31.3c
-	2p16.2a
+	1q21.1d
+	1q21.1d
+	1q21.1b
+	17q25.1b
-	5q35.2d
-	17p13.1d
	9q34.3d
+	1p13.3c
-	6p21.32b
+	16q11.2i-q12.1a
-	3p21.31d
+	5q33.1d
+	19p13.3i
+	1p32.3d
+	19q13.11c
+	11q24.1c
+	3q13.31a
+	5q23.2e
+	22q13.31d

	17p11.2e
+	12q13.13c
-	2q24.3b
-	17q25.1c
+	2p25.1b
+	2p25.1d
+	9p13.2a
+	Xq25b
+	4q22.1g-q22.2b
+	6q16.3c
-	1p34.3c
+	9q34.3e
+	19p13.3i
+	8q24.3g
+	15q21.3d
-	Xp11.23c
+	13q34d
+	4p16.3a
+	10q26.11c-q26.11d
+	5q35.3a
+	3p21.1e
-	7q31.33c
+	17q21.31c
+	18q21.32a
-	4p16.1e
+	5q33.1b
+	1p36.11b
-	4q13.3b
-	13q34d
+	19q13.32c
+	17q12c
-	17q12c
-	8q24.21c
+	8q24.3g
+	17p13.3a
-	3q13.33a
-	16p13.13b
+	Xp11.22b
-	8p12e
-	20q11.22b
-	6p12.1d
-	6p12.1d
-	6p12.1d
+	7q34f

+	1p13.3b
+	1p13.3b
-	1p13.3b
+	1p13.3b
+	10q25.1a
+	10q25.1a
+	11q13.2a
-	22q11.23b
	22q11.23a-q11.23b
-	22q11.23a-q11.23b
+	14q24.3c
-	2q22.2a-q22.3a
-	1p22.2c
+	3q13.33b
-	8p12e
-	19p13.3a
+	13q14.12a
+	11p15.1c
-	5q13.2b
+	
+	12q24.31d-q24.31e
+	6p21.33a
+	6q25.3d
	7q11.23c
-	7q11.23d
+	7q11.23c
	7q11.23c
+	7q11.23c-q11.23d
-	7q11.23a
+	13q12.2a
-	16p12.1a
-	2p23.3a
-	2q33.1a
+	9q34.13b-q34.2a
+	22q13.1c
+	7q21.13b
-	6p21.1c
+	19p13.11e
+	10p15.3c
-	"Xp22.33f,Yp11.32c"
+	3q13.2b
-	18q22.2b
+	22q13.31d
-	12q13.2a

+	6p21.1f
+	1p34.2b
-	11q22.3b-q22.3c
+	4q32.1b
-	13q14.3b
-	12p13.1a
+	4p13b
+	1q42.13c
-	7q11.21d
-	6p22.1d
-	6p11.2a
-	12q12e
+	3p13b
+	3q24f
+	11p11.2c
+	2q14.3d
-	19q13.33a
+	20p11.21c
+	5q11.2d
+	19p13.3j
+	22q13.1a
+	12q13.11c
-	3q21.3c
+	Xq28g
+	12p12.3e
-	11q23.3e
-	5q31.1f
+	10q22.1a
-	4q23b
+	Xq22.2b
+	1q42.12c
-	17q25.1d
+	9q22.33a
-	6q21a
-	3p24.3e
+	4q25b
-	Xp11.22a
-	2p23.3b
+	2p23.3b
-	16p13.3e
+	16p13.3f
-	12q23.1a
+	19q13.12a
+	1q23.1a

-	15q26.1a
-	19p13.11a
-	11p11.2c
+	5q31.3b
+	8q24.13a
+	2q31.1d
-	14q11.2f
+	19q13.12a
-	9p22.1b
-	19p13.11e
-	5q33.3a
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+	16p13.3f
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-	11p15.4c
-	5q31.3a
+	16p13.3f
+	7q22.3b
+	16p13.3f
-	6q23.3a
-	1p13.3a
-	11p15.5b
+	Xp22.2
-	Xq28f
-	16p13.3d
+	12q23.3a
	6p21.33a
+	6p21.33a
+	6p21.33a
+	6p21.33b
-	6p22.1a
+	20q11.21b
-	3q13.33c
+	1q22a
+	6p21.33a
	6p21.1e
+	19q13.12a
+	1p35.1b
-	22q13.33b
+	3p25.1c
-	6q22.1a
-	5q31.3c

-	2q37.3d
+	Xp11.23c
-	12q13.11b-q13.11c
-	12q13.11b-q13.11c
-	Xq13.1e
+	7p21.1a
-	6q22.31e
-	15q26.1c
-	1q23.1a
+	19p13.3d
+	6p22.3a
-	15q25.2b
-	Xp22.31e
-	18q21.1b
-	9q32c
-	2q37.3f
-	1q43a
+	7p22.3c
+	16q12.1c
-	14q12e
-	2p22.2b
-	17q23.1a
+	8q24.3g
-	12p13.1b
+	6q23.3d
+	6q24.1a
-	14q12e
+	10q23.32a
-	1p34.1c
-	2q32.3e-q33.1a
-	3q21.2b
+	12q14.3b
+	10q23.33c
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-	17q24.2a-q24.2b
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-	7q21.3a
-	15q22.31a
-	15q13.1a
-	15q11.2c
+	4q22.1b
-	10q21.3d
+	4q22.1b
+	4q22.1b

+	16q13b
-	7p14.2a
+	3q29c
-	1p36.31a
-	1p36.33b
-	1p36.32c
-	2q37.3c
-	3p14.3b
-	15q24.1a
+	5q13.3a
+	17q25.3g
+	17q21.31d
-	8q21.13a
+	6q22.31e
-	1p34.2d
+	6p22.1d
-	1p22.2a
-	3q13.33b
-	7q21.11c-q21.11d
+	17q25.3f
+	1q32.2c
+	10q23.33a
+	1p31.1k
+	1p21.2a
+	9q22.32a
-	9q22.33a
-	7p15.2a
-	2q32.2b
+	22q11.21f
+	14q23.2a
+	10q24.31a
-	3p22.1a
+	5q35.2d
-	15q24.1a
+	11q23.3e
-	5q31.1a
-	9p13.3a
+	6q22.32a
-	7q11.23e
	12q24.31d
+	4p14b
-	7q34b
-	22q11.21b-q11.21c
-	16p11.2d

-	15q15.3a
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-	6p22.1d
-	6p22.1d
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-	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1c
+	6p22.1c
-	6p22.1c
-	6p22.1d
+	6p22.1d
+	6p22.1d
+	6p22.1d
-	6p22.1d
+	6p22.1d
-	6p22.1c
-	6p22.1c
+	6p22.1c
+	6p22.1c
+	6p22.1d
-	6p22.1d
-	6p22.1d
-	6p22.1d
-	6p22.1d
+	6p22.1c
-	6p22.1c
+	6p22.1d
-	6p22.1d
+	6p22.1d
+	6p22.1d
-	6p22.1d
+	6p22.1c
+	6p22.1c
-	6p22.1c
-	1q21.2a
+	1q21.2a
-	1q21.2a
+	1q21.2a
-	1q21.2a
-	1q21.2a
+	1q21.2a
-	1q21.2a

-	1q21.2a
+	1q21.2a
-	1q21.2a
-	1q42.13c
+	1q42.13c
-	12p12.3e
+	6p24.1b
-	6q24.2a
-	1p34.2c-p34.2b
-	2q37.1e
+	10q21.3e
+	2p13.1a
+	10q21.3e
+	6p21.33b
-	6p21.33a
-	6p21.33a
-	6p21.32a
-	6p21.32a
-	6p21.32a
-	6p21.32a
-	6p21.32a
+	6p21.32a
+	6p21.32a
	6p21.32b
-	6p21.32b
-	6p21.32a
+	6p21.32b
-	6p21.32b
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-	6p21.32b
+	6p21.33b
+	6p22.1a
+	6p21.33b
+	6p21.33b
-	21q22.13a
-	3q24f
+	1q41d
-	7q36.3c
+	8p21.1b
+	11q23.3e
+	15q24.3b
+	19p13.3e

+	6p21.31e
-	13q12.3c
-	20q13.31a
-	4q34.1c
+	Xq28c-q28d
-	1p36.11d
+	5q13.3b
-	5p12c
-	21q22.2b
+	1p36.11b
-	6q14.1c
+	6p22.1d
+	22q12.3c
+	5q32a
+	5q34c
+	22q12.3c
+	16p13.3b
+	10q26.13c
-	17q25.1c
+	16p13.3e
-	5q31.2b
+	12q13.13f
+	13q14.3d
-	7p15.2b
+	2q31.2a
-	10q11.21b
+	5q35.3b
-	14q11.2c
-	4q21.22a
-	10q11.21b
-	5q35.3d
+	Xq22.1c
+	10q21.3d
-	9q21.32c
-	19q13.2a
+	19p13.2d
-	1p36.12a
+	19q13.2c
-	11q12.3a-q12.3b
-	19p13.2a
	8q21.13c
-	7p15.2b
-	14q11.2c
-	4q21.22a

-	5q35.3d
+	10q21.3d
-	9q21.32c
-	2p22.1c
+	19p13.2d
-	1p36.12a
+	19q13.2c
	11q12.3a-q12.3b
-	5q14.1c
-	15q25.2b
-	19p13.11b
-	14q11.2f
-	19p13.13c
+	8p11.21a
-	4q12e
-	12q13.13f
+	7p15.2a
	7p15.2a
-	7p15.2a
-	7p15.2a
-	17q21.32c
-	17q21.32c
-	17q21.32c
-	17q21.32c
+	12q13.13f
+	12q13.13f
+	12q13.13f
+	2q31.1h
+	2q31.1h
+	2q31.1h
-	1p36.12b
+	1p35.1b
+	2p25.1c
-	1p34.2d
+	1p34.1c
-	4q34.1d
+	Xq26.2b
-	10q24.2a
+	3q24f
-	22q12.1a
-	11p15.1d-p15.1c
-	4q21.23a
-	11p15.5d
-	11q12.3b

-	11q12.3b-q13.1a
+	2q36.3c
-	19q13.33a
+	3p25.3a
+	22q13.1a
-	12q24.22a
-	8q22.2a
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-	2p24.1c
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+	16q23.3b
+	19p13.3b
+	16q22.1b
-	Xp11.22a
-	4q22.1a
+	11p11.2e
-	19q13.33a
-	9q22.32b
+	5q23.1c
+	12q13.3a
+	1q23.3c
+	10p11.21a
+	6p21.32a
+	1p12a
-	16q24.1a
+	9q32a
+	8q24.3g-q24.3h
+	6q22.31c
-	21q22.3c

+	19p13.11f
-	14q32.31c
+	6p21.1b
+	12q23.3a
-	21q11.2c
+	10p13c
+	6p21.33a
+	6p21.32b
-	6p21.33a
+	14q23.3a
+	5q31.1c
+	4q28.1e
-	9q33.3a
+	1q23.3a
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-	11q24.1b
-	5q31.2c
+	7q11.23e
+	11q23.1b
+	5q11.2d
-	3q21.1a
-	9q21.13a
	19q13.42b
-	7q22.1e
-	5q35.2d
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+	2p14c
	16q22.1a
+	7q34b
-	11p14.1d
-	2q33.1b
+	2q33.1b
-	13q12.3d
	19p13.2a
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+	11q23.2a
+	11q23.2a
-	10q23.31d
+	2p13.1b
+	8p11.23b
+	21q22.11b
-	6p25.3b
-	12q24.11d
-	3p21.31b

-	3p21.31b
+	7q31.32b
+	7q31.32b
+	11q24.2b
-	11q23.3e
-	3p21.31h-p21.31g
+	2p25.1d
-	9q22.31a
+	1q41d
+	4q22.1a
-	6q14.1e
-	7p21.3e
-	2q33.1g
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-	6p12.1d
-	1p36.31a
-	21q22.3d
+	17q25.1c
+	20q11.21b
+	2p25.1e
-	1p36.12a
+	6p22.3c
-	10q23.33a
-	2q33.3d
-	15q26.1b
+	15q25.1a
-	20p13c
-	Xq28f
-	10p15.3c
-	10p15.3c
+	8p11.22a-p11.21c
-	Xq28b
+	4p16.3c
+	19p13.13b
-	6p21.33b
+	1q25.3a
-	9q34.11c
-	12p13.31d
-	1p36.13b

+	1q23.1g
+	14q32.13a
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-	14q32.13a
+	19p13.11c
+	17q21.31a
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+	11p15.5d
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-	11p15.5d
+	9p21.3c
-	9p21.3d
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+	21q22.11c
+	21q22.11c
-	9p21.3d
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-	6q23.3c
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+	20q13.12a
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+	12q24.11c
+	13q12.11b
+	Xq13.1b
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-	16p13.3e
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-	7p13b
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-	3q25.1c
-	3q13.32b
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-	12q23.1c
-	9q31.3a
+	8p11.21a
+	1q32.1h
+	Xq28g
+	7p12.2a
-	2q34e
-	17q12c
+	12q13.2c
	10q26.13b
-	1q32.1h
+	11q23.3c
+	21q22.11c
-	19q13.42b
+	9p13.3c
+	3q25.33b
-	19p13.11c
+	1p31.3a
+	Xq24b
+	4q31.21a-q31.21b
+	15q25.1b
+	6p12.2a

+	13q12.11b
+	22q11.1d
+	3p21.1b-p21.1a
-	3p14.3b
-	11q23.1c
+	11q13.4a
+	2q12.1a
+	2q11.2e
+	3q28c
+	2q12.1a
-	6q23.3c
+	3q22.3a
+	16p12.1a
-	1p36.11d
+	12q13.2c
+	19p13.12c
+	19q13.2a
-	1p36.11d
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-	22q12.3d
+	16p13.3d
+	16q22.1f
-	19q13.33b
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-	1q24.1c
-	1q21.3d
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+	11p15.4c
-	2q37.3c
-	19p13.12b
-	16p12.2a
-	11p13f
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-	2p11.2f
-	15q24.2a
+	2q21.1b
-	8q21.13c
+	18p11.21e
-	8q12.1b

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-	3p21.31d
-	6q14.1a
+	10q24.33a
-	17p13.2b
+	11q12.3a
+	8p11.22a-p11.21c
+	14q32.33b
+	13q34a
+	4q35.1c
+	7q31.31d
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-	4q31.21b-q31.21c
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+	8p21.3c
-	4q24e
-	17q23.2c
+	1q21.3d
-	11q14.1a
-	11q12.3a
-	13q14.3c
-	1q32.3b
-	8p21.1c-p21.1b
-	3p21.31c

-	3p21.31e
+	5q12.1c
+	1p34.1f
-	14q12a
+	13q32.2a
+	11p15.4a
-	12p11.21b
+	1q32.1c
+	15q11.2e
-	3q13.33c
+	1p35.1b
-	12q24.13b
-	3q29i
+	15q23a
+	16p12.3a
+	5q13.3d
-	3p25.1d-p25.1c
-	7q31.32b
-	Xq28g
+	6q14.1c
+	3p25.3b
+	12q14.3b
+	15q25.1a
-	5q31.1b
-	4q35.1d
-	19q13.32a
-	1q42.3a
-	19q13.33b
+	6p25.3b
+	7q32.1a
-	11p15.5d
+	16q24.1b
+	14q12a
+	19q13.31b
	5q33.1d
-	2q36.3b
-	13q34a
-	16q12.2b
+	16q12.2c
-	9q21.33b
-	5q12.1d
+	14q24.3a
+	12q23.3d
+	1p36.33b

+	15q26.1a
+	15q26.1a
-	1q23.1a
+	15q24.3a
+	15q24.1b
+	20p12.1d
+	5q23.3b
-	19q13.42c
-	3q21.3c
-	19p13.11c
+	20q11.22a
-	16q12.1a
+	12p13.33a
+	16p13.3f
+	17q21.33a
+	2q31.3b
+	2q31.1d
+	3p22.2b
-	17p13.3a-p13.2c
+	16p11.2c
+	16p11.2c
+	2q32.1e
-	10p11.22b
-	2p25.1e
-	21q22.3e
+	17q21.32a
-	1p31.3c
-	20q11.22b
	3q21.2a
-	12q13.13e
+	13q33.1a
-	3p21.1c
-	10p14e
+	5q33.3a
-	1q23.3a
-	Xq21.1b
+	13q14.2b
+	2q37.1a
+	20p13c
-	14q32.12b
+	15q15.1c
-	1q42.12d
+	3p26.2a
-	12p11.23b

+	6p21.31f
-	10q25.1a
+	2q11.2a
+	16p12.3b
+	21q22.11c
+	15q15.1a
-	1q25.3g
-	2q14.3d
-	19q13.33a
-	20p12.2a
-	14q32.33c
+	3p25.3c
-	1p31.3b
+	9p24.1c
-	5q32e
+	10q26.3e
+	21q21.3a
+	11q25d
-	12p13.33d
-	Xp11.22a
-	Yq11.222b
+	6p23a-p22.3f
-	7p15.2a-p15.1d
+	14q24.3b
-	7q34c
+	2p11.2e
-	10q21.2b-q21.3a
+	1p34.2a-p34.1f
+	19p13.3c
-	1q42.13b
+	16p12.1a
-	17q25.2a
+	
-	16p13.3f
+	5q14.1c
-	22q13.1c
-	19q13.33c
-	8q21.11b
-	20q13.12a
+	16q24.2a
-	14q11.2g
-	8q24.3e
+	11q21d
-	19p13.3g

-	1q21.3d
-	1p32.1f
+	19p13.13c
-	19p13.11c
-	17q21.2b
-	19p13.2b
-	19p13.2d
-	16q23.1a
-	17q21.2b
+	3p24.3c-p24.3b
+	11q13.1d
-	6q25.1a
-	13q12.3c
+	18q21.1b
+	16q13d
+	8p23.3a
+	3q21.3b
-	7p14.3c
-	11q22.3b
-	11p11.2b
+	3p22.1a
-	13q14.11b
+	3p14.1c
+	2p24.1a
+	2p11.2g
-	19q13.33a
+	1p36.31b
-	19q13.33c
+	7q31.31c-q31.31d
-	Xq22.3c
+	21q22.11c
	18q23d
+	12q13.12c
-	17q21.2b
+	17q23.3a
-	10q24.32a
+	17p11.2b
+	17q24.3a
+	17q24.3a
-	22q13.1b
-	2p16.3d
+	14q32.11a
+	10q25.3b
+	19q13.2a

-	5q35.1c
+	3q26.32c
-	3q26.32c
+	12q15d
-	1q21.3e
-	19q13.31b
-	11p15.5a
-	20q13.33d-q13.33e
+	6q13b-q13c
+	2p24.2b
-	12q24.11b
+	17p13.1d
-	16p11.2d
-	11q14.1a
+	19q13.11b
+	22q12.3d
-	2q33.1e
-	11q14.1a
+	1q41a
+	16p13.3d
+	3p14.3a
-	4p13b
-	8p21.2c
-	13q33.1b
-	11q22.3c
-	19q13.32c
-	7p22.1b
+	22q13.1b
+	6p22.3d
-	12q24.31b
+	5q31.2c
-	1q32.1d
-	18q21.33b
-	19p13.2b
-	6q13c
-	6q13c
+	1p35.1b
-	6q11.1b
+	8q24.23a
+	2p23.3a
+	14q12a
-	9p24.2b
-	1q25.1b
+	6p21.2c

-	1p36.13b
-	17q11.2a
-	15q22.31a
+	
+	14q32.33d
+	1q42.13e
+	5q31.3c
+	8q11.21a
+	16q22.3a
+	16q24.1b
+	17q25.1c
-	8q24.13d
-	3q29i
+	4p16.1e
+	6p21.1e-p21.1d
+	14q24.1e
	16p13.11b
	9p13.3a
-	10q23.2a
+	14q32.33c
-	6p22.2b
-	1p34.3e
+	19q13.11c
-	7p13c
-	9q21.13c
-	9q31.3b
+	14q13.2a
-	20q11.23c
+	7p22.1d
+	18q21.1d-q21.1e
-	16p13.11b
+	1q21.2b
-	1p33d
-	1p36.32b
+	16q24.1a-q24.1b
-	12p12.1d
+	16p12.1a-p11.2e
-	1p36.32b
-	13q14.11b-q14.11c
+	14q23.1b
+	9q34.3b
-	17p13.3c
+	17p12c
-	12q13.2a

-	17p13.2a
-	7q34f
-	14q22.3a
	5q13.3b
-	
+	19p13.11a
-	7p14.2a
-	16q22.1a
-	1q22c
+	10q22.2a
+	4q31.3d
	5p15.32a
-	6q14.3a
-	18q12.1d-q12.1e
+	1p36.21b-p36.21a
+	12q23.3b
	19p13.3e
+	10q23.1c
-	3p21.31k
-	7q34e
	3q21.3c
-	9p13.3c
-	5q35.2d
+	15q25.1b
-	Xp11.22c
-	Xq24b
	4q12d
	4p14e
	3q21.3c
-	17q21.31e
+	20p13b
+	10q22.1b
+	10q21.3e
-	7q36.1b
-	2q11.2a
+	1p13.3b
-	7q21.12a
+	18q12.2b
+	14q12d
-	15q21.2c
+	11q22.1d
-	3q13.31a
-	8q22.1b

-	4q35.1e
+	12p13.1b
+	18q21.33a
+	1p35.1b
-	3q13.13a
	4p16.3c
-	9p13.3b
	19p13.2e
+	12q24.33d
-	7q34a-q34b
-	6q21c
+	6p12.1a
-	10q25.3b
+	10q25.3a
-	12q13.13a
-	16q24.1a
+	17q25.3e
-	18q12.3f-q21.1a
	2q11.2b
-	22q11.21d
+	22q11.23c
-	19p13.11c
-	8q24.3h
+	4q34.1c
-	2q31.1h
+	
+	14q24.3c
-	1p36.33a
+	9p21.3d
+	1q42.2c
-	11q22.3b
+	7q36.1b
+	8q24.3g
	7p22.3a
	1p36.13f
-	6p21.33b
+	9q32a-q32b
+	8p21.3a
+	10q23.2a-q23.2b
+	9q34.3e
-	14q32.12a
-	1p36.22a

-	3q13.2b
-	Xq13.3a
-	9p24.1c
-	2p25.1e
+	10q23.33a
-	6p22.3e
-	8p21.1b
-	1q32.1b
+	3p21.31k
-	20p12.1b
-	11p14.1d
-	17q21.31d
	17q25.1b
-	2q37.3f
+	1p36.22c
+	17p13.2b
+	5q31.2c
+	10q23.31c
-	12q12b
+	16p11.2d
+	15q23a
-	9p13.3c
+	1q44b-q44c
+	5q12.1c
+	1p34.1d
-	5q31.1b-q31.1c
+	20q11.21b
-	2p23.3b
+	Xq13.1b-q13.1c
-	10p11.22c
+	2q23.1b
-	15q26.1b
-	3p21.31g
-	1q24.2c
+	6p21.32a
+	8q24.3h
-	16q13d
-	
+	
+	19q13.42b
+	19q13.42b
+	19q13.12a
+	19p13.3i
+	4p14c-p14b

+	14q32.33a
+	19q13.32a
-	8q22.3b
-	13q22.1b
+	15q13.3a
+	19p13.11f
+	13q22.1a
-	10p15.1e
-	2q33.3c
-	9q21.11c
+	7q32.2a-q32.2b
+	14q22.1b
+	6p21.1d
-	16q24.2a
+	12p11.22b
+	22q13.33b
+	3p21.31d
+	1q23.3a
-	13q21.33b
-	1q32.1d
-	Xq24a
-	18q12.1e
-	Xp22.11a
+	1p36.33b
+	3p21.31g
+	4q32.3b
+	1q25.1a
-	1p36.31a
-	22q11.21e
+	2q31.1a
+	3q27.1a
-	15q25.3b
+	19p13.11b
-	14q21.3a-q21.3b
+	2p24.1a
-	5q31.2b
+	2q37.3c
	6q16.1f
+	16q24.1a
-	8q24.13c
+	Xq21.31a
+	4p14c
-	3q27.1a
+	7p15.3b

-	9p21.3c
-	19q13.33c
-	19q13.33d
-	19q13.33d
-	12p13.2c
+	2p16.3d
-	12p13.2c
-	12p13.2c
+	1q43e
+	12q24.31c
-	3q21.1a
+	17q24.2b
-	13q14.3a
-	3q26.1a
+	6q22.2a
+	1p35.1b
	7q22.1a
+	17q21.32b
-	19q13.32c
+	7q36.1b
-	2p11.2d
+	16p13.3d
-	19p13.2b
-	7q21.2a
-	12q21.2a
-	17q21.2a
-	17q21.2a
+	12q13.13e
	3p25.1d
+	6q14.3b
	6q16.1e
-	17q21.2b
-	17q21.2a
-	17q21.2a
-	17q21.2a
-	17q21.2a
-	12q13.13d
-	12q13.13d
-	12q13.13e
-	12q13.13d
+	12q13.13d
-	17q21.2b
-	21q22.3d
+	21q22.3d

-	21q22.3d
+	21q22.3d
-	21q22.11a
-	21q22.11a
-	21q22.11a
-	21q22.11a
+	21q22.11a
+	
-	17q21.2a
-	11q13.4a
+	21q22.11a
-	21q22.11a
+	17q21.2a
	17q21.2a
+	3q13.33a
-	1p32.3e
+	14q22.3b
-	3q22.2a
+	2q22.2a
-	14q22.1b
+	20q13.11b-q13.12a
+	22q13.2a
+	6q22.33e-q23.1a
+	15q22.2b
-	8q13.3b
+	12p13.31d
-	Xq28g
-	19q13.42a
+	19q13.42a
+	18q11.2b-q11.2c
-	20q13.33c
-	7q31.1a
-	
-	7q31.1a
+	1q25.3d
+	9q34.13a
+	13q34d
-	Xq24d
-	3q27.1a
-	2q34b
+	7p11.2c
+	4p15.32b
-	2p24.1d

+	8q22.1e
-	1p35.2b
-	22q12.3b
+	4q28.2a
+	12q13.13a
-	10p15.3c
-	15q23b
+	4q25f
-	5q32c
+	3p21.31j
-	Xq11.1c
+	17q12c
-	19p13.11b
-	1q21.2d
+	19p13.2d
-	12q13.13a
+	2q24.3f
+	7q11.23b
-	13q12.11b
+	1q32.1e
+	11q23.1b
-	3p22.2b
	2p23.1b
-	1q42.12b
-	21q22.2b
-	16q22.1b
-	1q21.3b
+	1q21.3b
+	1q21.3b
+	1p35.1b
+	16p12.1b
-	15q15.3a
+	9q34.11b
+	10q24.1a-q24.1b
-	13q14.12b
-	2q21.3b
-	10q24.32a
+	11p15.1c
-	12p12.1e
-	16q23.1a
+	19p13.2b
+	1p36.12b
+	1p36.11c
+	5q31.1c

+	5q31.1c
-	4q25b
-	1q42.12c
-	1q32.1g
-	6p21.31f
+	12q14.3a
-	19q13.42a
-	15q21.2c
+	7q32.1a
-	1p34.2a
-	3q28b-q28c
+	1p31.3b
+	8p12e
-	4p16.3b
+	12q13.13b
+	7p22.2c
+	22q13.1a
+	19q13.2b
+	14q22.3a
-	17q25.3c
-	19q13.2a
+	19q13.2a
+	1q43a
+	17q11.1c
+	10q23.33b
-	14q32.12b
+	12q21.1a
+	1q32.1d
-	1q32.1h
-	13q13.3e
-	5q14.1b
+	10q26.13d
+	9q33.3a
+	1q25.2c
-	9q33.2b
+	4p14b
-	5p13.1c
-	19q13.32c
+	17q12a
-	13q33.3b
-	19q13.42a
-	19q13.42a
+	19q13.42a
-	19q13.42a

-	19q13.42a
-	19q13.42a
-	12q13.13a
+	20q13.33e
	2q12.3c-q13a
+	6q21a
+	19q13.12a
+	14q24.3a
-	4q21.22a
-	12q21.31a
+	19q13.33a
-	11p14.1d
-	1q42.12c-q42.12d
-	15q26.3c
-	10q23.31b
-	19q13.2c
+	10q23.31a-q23.31b
-	21q11.2c
+	10q23.31a
	10q23.31b
+	2q11.2c
-	16p13.13b
+	1q21.1b
+	17p11.2f
	17q25.1c
-	12q14.3b
-	18q21.32a
-	5q35.3a
-	2q11.2a
-	7q36.3b-q36.3c
-	12q13.12b
-	6q13a
-	5p13.2c
+	3p26.1a
-	16p13.3f
-	22q13.33b
+	3q29i
+	1q22c
+	5q23.2e
-	19p13.3g
-	11p13c
-	12p12.3d
+	1p22.3a
-	3p14.1b

+	7q21.3d
	19q13.32c
+	9q33.3b
+	5q15e
-	13q12.2a
+	
	19p13.2e
+	7q11.23a
-	19p12b
+	7q34e
+	3q21.2c
	1q32.1d
	7q32.2a
	4q21.1b
+	5q35.2b
-	5p13.1b
	16q22.3a
	11q23.2a
+	12q13.13c
	12p13.31d
	19q13.33e
	8q22.1e
	8q21.3e
+	9p24.1a
	17p13.2a
	17q21.31b
	20q13.12b
-	4q31.21c
	7q31.1b
	5q35.1a
	7p15.1d
	Xp21.1a
	4p16.3d
	9q31.2b
	4p16.1c
+	10p12.33c
	18q23b
+	8q21.11a
	18q21.32a
	8p23.1a
	12q23.1c
	21q22.3e

-	2q31.1b
-	13q21.31c
+	2q35a
	1p36.22b
+	18q23c
	4q34.1c
	7q36.3c
-	9p21.1a
+	17p11.2h
-	17p13.1c
	20q13.32b
+	10q21.3a
	10q24.2a
	10q25.1d
-	10q23.2a
	7p11.2b
-	13q12.12b
	3p14.3a
+	11q21a
	7p22.3a
	12q12e
	19q13.43c
	15q26.1c
+	Xq25c
	8q12.1a
	1p36.33a
	17p11.2a
	15q13.2a
	17q22d
-	4q26f
	7q21.3d
	3q25.1b
	6q21h
	9q33.1b
	1p32.3d
	22q13.1d
	22q13.2b
	2q12.2a
-	19p13.2e
+	1q22b
+	8q24.3f
	20p12.3c
	7p22.3b
	1p36.22d

-	14q32.2b
	19q13.12a
-	8q11.21a
	5q23.1a
	5q31.2d
-	2p23.3a
-	7q22.3c
+	1q25.3c
	5q35.3a
+	13q12.11a
+	9q22.32b
+	1p31.1a
+	14q31.3c
	16p11.2a
	12p13.32b
	8q21.13c
	19p12b
+	2p14a
+	16q24.3b
	4q28.3b
+	16q24.3b
	Xq13.1b
+	12q24.23a
-	2q35d
	5q35.3a
-	14q11.2f
-	9q22.2b
	6p21.1f
	3p14.2b
	5q23.2f
-	19p12d
-	17q21.31e
	20q12b
	7q21.2b
	12q21.2c
+	12q24.31a
	21q22.3f
	9q33.3a
	16p13.12a
	5p15.33e
+	9q22.2a
+	11q12.3a
	16p11.2c
	19q13.33d

	1q32.2a
	8q24.22c
+	19p13.12b
+	13q32.3a
	8p23.1b
	Xq12c
+	6q25.1b
	7q34b
-	2q31.1d-q31.1e
-	16p11.2c
	11q23.3b
	11q21c
-	11q23.3d
+	9p11.2c
	10p12.33b
	10p11.23a
	12q13.13d
	19q13.32a
+	Xq28d
	8q12.1b
-	Xq27.3d
	1q41d
	10q21.3a
	1q22a
	1p13.2d
+	3p13a
	3q26.1b
	3q13.2b
	13q14.3c
	16p13.3a
-	1p34.2d
	7p13b
+	3p21.31h
	12p13.2b
	12q13.13e
	19q13.12b
+	9p13.3b
	11p15.4b
+	13q34a
	7q22.1f
+	4q25c
	8p23.1b
-	2q31.1h
+	6p25.1c

	4p16.3d
-	10q11.21a
	15q26.1b
	7q34d
-	6q25.3f
-	6q27f
	15q11.2b
	19p12c
	20q11.23a
+	3q21.1b
+	10q23.2b
+	7q22.2b
-	3q25.32b
	5q13.3d
	10q21.3d-q21.3e
-	Xq11.2b
-	2p23.1a
	7p14.3c
+	11q22.1c
+	5p13.3c
	7p13b
-	16q24.2a
	7p13d
+	6q25.3d
+	1q44b
	Xq28b
	8q11.23c
+	6p21.33a
+	17p13.2b
	17q24.1a
-	19p13.11d
	16q24.3a
+	3q13.33a
	Xp11.22b
+	5q14.3h
-	20p12.2b
	11q24.2a
+	16p13.12a
+	11p15.5b
	11p15.4a
-	1p36.33a
	19p13.2a
-	19p12d
	1q23.1f

	12q24.11c
	11q23.3b
	10q11.21b
	16p11.2c
-	9q33.3a
+	5p13.2a
	1p34.2a
+	14q23.2b
	11q12.1c
	6p21.1d
	8q11.21a
+	6q26b
	8q13.3a
	19p13.2c
	4q27b
-	18q21.2c
	2p13.1b
+	10p13c
-	18p11.21a
	4p15.31a
+	1p36.31a
	22q12.2a
	19q13.43a
-	8q24.23a
+	1q42.13b
	2q14.1a
+	1q12p
	Xq21.31c
+	17q21.31e
	8q12.3c
+	20q13.12b
	13q33.1b
	2q31.1e
	4q31.21b
	6q15c
	7q33b
	Xq26.3c
+	7q36.1b
-	2q32.3e
-	5q35.3a
	Xp21.1e
-	20p11.23c

+	16p13.13c
	16p13.3f
+	1q32.1g
+	12p13.31d
	8q12.2a
+	4q31.21c
	7q33c
+	7q11.21e
	3p24.2a
	17q21.32a
	17p13.1d
-	2q33.1a
	9p13.2b
	6q27c
	6q23.3d
+	3p22.3a
	1q25.3a
+	18q23d
+	14q24.1e
	3q22.1c
	12q21.32a
	15q11.2b
-	1p34.2c
	22q12.1a
	12q24.23a
	1q23.3a
	13q32.2b
-	8p21.3c
-	22q12.1b
	1p34.3f
-	10p15.1e
	1p12a
	10q23.33d
+	11p15.4d
	5p14.2a

-	14q32.12a
+	12q23.2a
	12q14.1a
	5p13.3e
	18q21.1a
+	11q13.2a
+	10p15.3c
	9q22.32b
	7p11.2a
-	19p13.3a
	12q23.3c
	12q12b
	7p12.1c
-	Xq22.1b
+	2p21f
	19p13.12c
	Xq28e
-	14q23.2a
	16q23.1c
	6q25.3e
	4q12b
-	1q25.3c
	2q37.1c
	7p22.1a
	6p21.2b
	16p12.3a
	15q26.1c
	17q22c
	12p11.21b
	17q25.3a
	Xq26.2b
	2q12.1a
	12q24.11d
+	5q14.1d
+	17p11.2f
	20q13.33c
	1q23.3a
	9q33.2b
	7q22.1c

	15q15.2b
	4p16.1b
-	1p12c
	4q32.3b
	6p12.3e
	6p22.1c
-	3q13.13d
+	1q21.2c
	11q23.3d
	11q12.2b
	3q21.3d
	6q14.3b
+	1q32.1g
	11p11.2e
	2q31.1f
	9q21.11a
+	3q21.3c
	13q34a
	17q25.1d
+	15q11.2b
	6q24.2a
+	20q13.12c
-	2p23.3c
	9q22.1d
	20q13.13c
	8q24.13b
+	1p34.3c
	14q31.1a
	21q22.2a
	5p14.3b
	6p21.32b
	17p13.1a
+	14q12e
	4q35.1f
	16p11.2a

	3p22.2b
	8p23.1a
+	4q35.1f
	12q24.11a
+	1p13.2b
-	17q12a
	6q23.1a
+	7q22.2b
+	1q25.1a
+	19p13.2e
	19p13.12c
+	4q28.3b
	7q22.1b
+	1q31.3d
+	3q29h
	7p12.1c
+	7p15.3b
	10p12.1a
	4q21.1b
+	11q13.1e
+	4q28.3b
-	8p23.1f
-	7q11.23a
+	7q11.21b
-	8p23.1f
-	Yq12w
-	2q33.3d
-	9q12g
-	15q13.2b
+	22q11.1d
+	17q21.32b
	2p15d
-	7q11.21b
-	8p23.1e
-	7p11.2b
-	2q24.2c
+	16q22.3b

	12p11.1b
+	20q13.13c
+	1q22c
+	7q11.21b
	20q13.33e
-	7p12.1c
+	9q12i
-	9q12j
-	9p12a
-	3p22.3c
+	15q22.2a
-	8p23.1e
+	16p12.1c
+	6p25.3b
-	
-	15q13.1b
	19p12b
-	15q11.2c
+	17p13.3d
-	Xq21.31e
+	7q11.21b
-	9q34.3f
-	20q13.33e
+	
-	16q22.3c
+	
+	16q22.1e
	12p13.33d
-	
+	
+	17p11.2e
+	Xq22.3c
-	1q21.1a
-	10q22.3f
+	2p14a
+	10q11.23b
-	10p13e
+	9p11.2b
+	9p12a
	14q11.2b
	2q13a
+	8p23.1e
+	7q11.21b
	6q13a

+	7q22.1g
+	
-	Yp11.2c
	5q34b
-	11q23.2c
-	7p22.3d
-	9q12g
+	14q13.2a
+	3p25.1b
	9q22.1b
+	16q22.3a
	14q32.31b
	9q34.11b
+	
	8q21.3e
	11p11.2a
-	12q24.32b
+	15q13.1a
-	7q11.23c
	7q22.1e
+	13q11c
-	7q36.1c
	11p15.5c
+	6q14.3a
	3q13.31a-q13.31b
-	4q26e
+	10q24.1b
	Xq22.1c
	3q28e
	9q22.31a
-	22q11.21f
	11p15.1c
-	1p36.33b
+	1q23.3a
-	15q11.2a
-	1q32.1e
-	1q12p
-	7q11.23c
+	1p13.3b
	13q14.3c
	16p11.2d
+	9q12g
+	14q11.1d
	12p11.21a

	12q12e
+	
-	16q24.3b
	10q25.3a
	9q33.2a
-	Xp22.33a
-	2q21.1c
	18q23a
-	17p11.2f
	3q26.33c
-	20q13.33e
+	8p23.1a
+	16p11.2b
-	9q12g
+	9p11.2b
+	9q12i
-	17q11.1b
-	17p11.2c
-	18q21.31b
+	Xq13.1d
+	4q28.3b
-	7q22.1f
+	1q21.1e
+	Yq11.1b
+	9q12j
	16p11.2d
-	9p11.2c
+	9p11.2d
-	12p13.31d
	17q25.3c
	8q21.13a
+	Xq27.3d
+	
	8q22.1a
	19p13.3d
-	1q21.1e
+	16q24.3b
+	1q21.1e
-	1q21.1a
+	7p22.1a
-	22q11.21b
-	7p12.1c
+	7q22.1e
	1q32.1e

	1p32.3d
+	15q25.3a
	12p12.1a
	22q12.2c
	5q32d
	1q32.2b
	3q22.1b
	10q26.11d
-	5q15b
-	
-	9p11.2a
-	10q11.21c
	9p11.2a
+	9p11.2d
	11q13.4a
+	1q42.12c
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+	19p13.12c
+	19q13.43c
	12q13.13a
	13q34b
+	13q33.1b
	16q24.1b
+	
+	16p13.3d
	17q25.2a
	17q24.3b
	1p34.1b
+	1p36.21d
+	1q25.2c
-	1p36.11d
+	1p12a
	1p13.2c
-	2q11.1c
	2p24.3b
+	3p14.2a
+	5q35.2b
	5q23.2e
+	5q35.1c
+	
+	

+	6p22.2b
-	7q31.31d
+	
-	Xq26.3b
+	11q14.1d
+	11p15.5d
	11p11.2c
	12p11.21b
-	12q22b
-	15q21.3d
+	15q23a
+	16p12.1c
-	16p13.3d
+	16q22.3a
	19q13.33d
+	19q13.33e
-	19p13.2b
+	19q13.12a
+	1p36.33a
	1q23.3a
+	1q32.1d
+	1p35.2a
-	1p31.3a
-	20p12.3c
+	21q22.11a
-	22q11.21f
	2q11.2d
-	2q11.2a
+	
	2q12.3c
+	2q35f
	2p24.1c
-	3q13.31c
	3p24.2b
+	3q25.31b
+	3q22.1b
+	3q29g
	4q21.23a
	5q13.2a
	5p12c
-	
	7q31.32a

+	7q36.1b
+	10p11.21a
-	9q22.32a
-	9p11.2a
+	15q25.2b
-	7q11.21c
	15q21.1a
+	19q13.33b
-	1p31.3c
-	1q21.1c
-	17p13.1b
	17q11.2a
-	4q32.1e
	5q31.2d
-	5q35.3a
	5q12.3c
	7q36.2c
	Xq23b
+	Xq28d
	2q13b
-	11q13.4a
+	13q14.3d
+	13q14.12b
-	22q11.21f
+	
-	
+	6p21.1g
+	6p24.1c
-	6p22.1b
+	9q33.2a
+	14q11.2a
+	5p15.31c
-	
+	12q13.12a
+	11q13.4a
+	11q12.1d
+	19q13.32b
-	3q22.3c
+	
+	5q11.2b
-	5p15.33e

	10q25.2a
	11p15.4a
	11p11.12d
-	
+	
-	
	12p13.31d
-	12q13.13a
+	
+	12q22c
	5p12b
-	12p13.33a
+	15q21.3d
-	
-	15q11.2c
	15q13.3a
-	16q21e
-	16p13.3d
-	16p11.2c
-	16p13.2b
	17p13.1d
-	17q12c
	17q23.2c
-	18p11.21b
+	18q12.3c
-	18q22.3d
+	18q21.33b
	19q13.33e
-	19p13.13c
-	19q12c
-	19p13.3f
	1q25.3c
	1q24.2c
	20p11.1c
+	21q21.2b
-	21q22.3c
+	22q11.21f
-	2q21.1b
-	2p25.3g
+	2q11.2a
	2p21f
-	2p16.3d
-	2p11.2e
	2q35a

+	3q13.12b
-	3q11.2b
	3p12.3d
-	3p21.32b
-	11q13.4a
	4q25f
	4p16.1f
+	4q34.3a-q34.3b
-	4p15.33c
	4q23b
-	
+	5q35.1e
+	5p15.1a
	6q24.2b
-	6q27f
-	7q11.21c
-	7q11.21e
-	
+	7p15.2b
	7p15.2a
+	7q32.1a
-	
-	
-	
+	
-	Xq28d
-	Xq26.2a
	Xp11.22b
	Xq23c
	10p15.1d
+	12q21.33b
-	12q24.31b
	13q12.11b
-	17q21.31d
+	17q22a
+	18p11.31c
	19q13.33d
	1p35.1b
+	1p22.3b
+	2p23.3b
-	
+	2p16.1b
+	2p15d

	3p12.3d
	4q13.2b
+	7p11.2a
+	7p22.3b
-	7p15.3d
	9q22.2b
-	Xq13.2a
+	
	11q12.1c
	11q22.3c
+	12q14.2b
+	12p11.23a
-	12q23.1c
	13q33.3a
+	13q14.11c
	13q12.3a
	14q32.2b
	16p12.1c
+	17q23.3a
+	
-	19p13.12c
+	1q21.3d
+	2q11.1c
	2q32.1f
	2p16.1d
	2p16.1a
	3q13.12a
+	3q13.12a
	4q31.22a
+	5q35.1a
	5q11.2e
	9q31.1d
+	9q31.3a
	Xq21.1c
	Xq28f
	13q12.11a
-	3q29i
-	19q13.42b
	12p13.31c
+	11q12.3b
+	12p13.31a
+	17p13.1d
+	1p33d

	2q31.1i
+	9q22.32b
+	Xq28h
-	10q21.1b
-	
+	
-	10q23.33a
-	10q26.2c
-	10q26.3b
	11p15.4a
+	
	11p11.2e
	11p11.12c
+	
	11q14.1a
	11q24.2d
-	12p13.33a-p13.32b
+	12q13.11c
	12q15b
+	12q23.1a
+	12q23.3b
+	12q24.13b
-	13q14.2c
	13q22.1a
	13q31.1d
-	13q32.1a
	14q31.1c
-	
+	15q21.2c
-	15q25.2b
	16p13.13c
-	16p11.2d
+	16p11.2b
+	16p11.2b
+	16p11.2b
-	18q12.1e
-	16q12.1d
-	16q12.2c
+	5q35.3g
	17p12b
	17q12c
-	19q13.41a
-	19q13.42b
+	1p36.32b

+	
+	1q21.1e
	1q41e
+	
	20p11.23d
	20q11.23c
-	21q11.2d
+	22q13.2b
-	2p15a
-	2p13.1b
+	2p11.2h
-	2p11.2f
-	2q21.1d
	2q22.1a
	2q33.3d
	3p22.3c
-	3p21.31c
	3p21.1e
-	3q11.2b
	3q25.31a
	4p15.2b
+	2q33.1f
-	5q12.1d
	5q23.2f
-	5q31.1e
-	5q31.2d
	6p25.2a
	6p24.3b
	6p21.31a
	6q12a
-	6q12b
+	
-	
	7p21.3a
	7q11.23a
	7q36.1c
	8p23.3b
-	8p23.1a
-	12p13.31b
	8p21.3a
+	8q21.13b

+	
+	9q34.11a
	9q34.3e
+	
-	
	Xp21.3d
	Xq13.2b
+	Xq27.1c
-	Xq28c
+	Xq28f
+	10p14c
	11q12.1a
	11q24.1b
	12p12.3c
	12q21.2a
-	
-	13q34d
+	
+	21p11.2a
+	
+	
+	15q13.2a
-	15q15.1a
-	16p11.2e
-	16p11.2b
+	16p11.2a
	18p11.22c
	18p11.21b
	18q21.2c
+	18q21.32a
+	19p13.3f
+	19p13.3a
-	
-	1p33c
	1p32.1e
-	1p31.3b
	1p12a
-	1p12a
+	1q23.2c
-	1q24.3b
+	1q32.2b
	1q42.12d

	22q11.23b
-	2p21f
+	
+	2q14.1b
+	15q24.2a
	3q22.1d
	3q26.31a
	4q12e
-	4q13.1c
	4q21.1c
+	
	4q31.22a
+	5p15.1a
+	5p15.1a
	5p15.1a
	5p13.2b
-	5q15a
	5q15a
	5q31.1e
-	8p23.1a
-	8p23.1a
	8q11.23d
	8q24.12b
+	9p24.1a
-	9p21.1a
	Xp21.3b
+	Xp21.2a
	Xp11.4b
+	Xp11.23f
-	
+	
	7q22.1e
-	7q32.1a
-	7q36.1d
-	
	7q31.31d-q31.32a
+	7q36.3b
-	16p13.11b
	10p15.1a
	10p11.21a
	10p11.1d
	10q11.21b

	10q23.33d
	10q26.13b
+	10q26.3f
	11p11.2b
+	11q12.3a
-	11q14.3b
+	11q14.3b
	11q24.2b
+	12p13.32b
	12p12.2a
-	12q12h
	12q22c
+	13q13.3b
+	14q11.2a
	14q32.11a
+	
	15q24.3b
+	15q24.3b
	15q26.1b
	15q26.2a
-	15q26.2b
+	15q26.3b
-	16p12.3a
	16q24.2b
	16q24.3a
+	17p11.2e
	17q11.2c
-	18q22.3d
+	19q13.2a
	19q13.33e
+	1p34.3a
+	
+	1q23.3b
	20p12.2b
-	22q11.1c
+	
+	2p16.1d
-	2p14c
+	2p11.2g

	2q11.2a
	2q21.1d
-	2q21.1d
-	3p25.3c
+	
+	3p21.1c
	3p12.3c
-	3q25.1c
	3q26.1a
+	
	4p16.3b
+	4p14b
-	1q12p
-	4q26f
+	
-	5q23.1a
-	5q35.1e
	6p25.2b
+	
+	
	6p22.1b
+	6p21.32b
+	6q27c
+	7p15.1d
+	7p14.3c
-	7p11.2a
-	7q31.1c
	7q36.1d
+	8p23.3b
-	9p21.1c-p21.1b
-	9q12h
-	9q34.3d
-	10p11.22b
	10q24.33a
+	10q26.3f
	11p15.2b
+	
	15q11.2a
+	
	16p11.2a
	19p13.3i
	1q32.1d
+	22q12.3a
+	

+	2q12.2b
	2q31.1f
	2q34a
	3q26.1a
	4p13b
	5p15.2a
	5q21.1a
+	7q11.21b
+	9q33.2a
+	7q32.1a
	7p11.2a
	7p15.2a
+	19q13.33d
	7q21.3c
+	7q33c
+	7q32.1a
	10p15.1a
-	10p14b
	10p14a
-	10p11.22b
+	10q23.2b
+	3p12.3d
+	11p15.4a
-	11p15.2a
	11q13.1c
-	11q13.4c
	11q14.3b
	11q22.1c
+	
-	12p11.21b
+	12q13.2c
-	13q22.1a
+	14q11.1d
-	
-	
-	15q24.3b
-	15q26.3c
	16p13.3b

-	
-	16p11.2e
-	16p11.2d
+	16p11.2d
-	16p11.2c
	16p11.2b
+	16q22.3c
+	17p13.3c
+	
+	17q12c
	17q24.1a
	17q24.2c
	18q23d
-	19p13.3d
	19p13.2e
+	19p12c
-	1p36.33b
-	1p36.21d
	1p32.3e
+	1q32.1b
-	1q42.2a
-	1q42.2c
-	
-	21q11.2b
-	22q13.2b
-	22q13.33b
+	
+	2p11.2d
-	2q13b
+	2q14.1a
	2q22.1b
+	2q31.1g
	2q36.1b
+	3p21.1d
+	3q27.1b
+	3q27.3a
+	3q29e

	4p15.33a
+	4q13.2c
	4q25f
+	4q31.21c
-	4q33a
	4q35.1f
+	4q35.2d
-	5p15.1c
	5q11.2f
+	5q13.3c
-	5q14.1e
	5q15d
-	5q35.3b
-	1q42.11a
	6p22.3f
	6p21.1d
+	6q27d
	7p22.1d
-	7p22.1c
-	
	7q11.21d
-	7q11.21d
-	7q11.23d
	7q33b
	8p11.21a
+	
+	9p11.2b
+	11p15.1e
	9q22.33a
	9q22.33a
+	9p13.3d
-	9q31.1a
	Xp22.2
	Xp22.13a
	Xp21.3d
-	Xq21.2a
-	16q22.3c
+	Xq22.3c
-	Xp22.33a
-	Yp11.2j
	10q11.22a
-	

-	12p11.21b
	12q21.2a
-	13q31.2a
-	10q11.21a
+	15q24.2a
+	15q26.3d
-	
+	
-	
	16q23.1b
+	17q21.31a
+	18p11.32c
	18p11.21a
-	19q13.42a
	1p36.21d
+	1p36.21d
+	1p36.21a
	1p13.3b
	21q11.2b
+	21q11.2b
+	
	2q13b
	3p25.3c
+	6p25.1c
+	6p22.1b
	7p15.3b
	7q11.22a
-	7q11.23c
	7q22.1f
	7q34a
-	7q34a
+	17q21.32a
-	16q22.3c
-	9q33.3a

-	5q35.3e
-	2q13c
-	7q11.23d
+	4q13.2b
+	22q12.2b
+	Xp11.1b
+	12q21.1c
+	22q13.31b
-	15q24.1b
+	Xq13.2b
	16p12.1b
+	19p13.2b
+	16p11.2d
-	16p11.2d
-	20p12.1b
+	16p12.1c
-	
-	
-	5q31.2d
+	7q11.21c
+	
+	
+	

- 7p22.1a

+

-
+

- 15q11.2b

3p12.3d

-
+

-
- 6p25.3b
-
-
+ Xq21.1a
-
- 19q12b
-
- 4p15.1c
+

+ 2q23.2a-q23.3a
-
Xq23d
+ 10q22.3f
- 11q14.3b
+
+ 9p12b
- 4q13.2c
-
-
-
+
+
+
+
- 15q25.3a
- 6q12d
11q14.3b
-
+
- Xq23d

-	
-	14q11.1d
-	21q11.2a-q11.2b
-	
-	21q22.3d
+	6q12a
-	17p13.3d
-	
	8p12e
+	
-	10q22.3f
-	12q12b
	Xq21.1c
+	
-	12p13.31b
	3p13b
-	
+	12q24.12a
	Xq21.1c
	6q13a
+	
+	
-	
+	
+	4q13.3a
+	4q13.3a
-	14q11.1d
	4q13.3a
-	
-	15q25.2b
-	2p11.1d
-	
	6q13b
+	21q22.3d
	4p16.3d
+	
	11q22.3b-q22.3c
+	
	1p36.22d
	6q21d
+	
-	15q11.2c
	22q13.31e
+	10q26.2a

-	
+	2p11.1d
+	6q16.3a
-	
+	
-	
+	
-	Xq23d
+	16p13.11b
+	5q11.2h
	Xq21.31e
+	16p13.11b
+	
	6p25.1b
+	
+	2p11.1d
-	17q25.1a
+	17q12c
+	21q22.3e
-	
-	
+	
-	
-	
	Xq21.1e
-	9p11.2d
-	11q21a
+	
+	5q21.1a
-	
+	
+	
	10q23.1c
+	
+	9q22.31b
-	1q32.3c
+	9q21.13c
	15q25.3a
-	
+	
-	12q22b
	11q11c
+	
-	

+	
-	
-	
-	5q21.1b
+	Xq24b
-	
-	
+	
-	
-	
-	
-	
-	4q13.3e
-	2q37.3g
+	
-	
-	9p11.2c
	Xp11.3c
-	
+	
+	
-	5q35.2d
+	
+	9q34.3g
+	
+	2q11.2a
+	9q34.3g
-	5q32c
+	
	6p25.2b
+	
+	10q11.21c
+	12q24.22a
-	
+	
-	12q13.13a
-	17q25.1d
+	
+	12p13.2a
-	
+	5p14.3b
-	Xq21.32a
-	Xq24d
-	8q23.1b

-	
	7p11.2b
	15q15.1b
-	12q22a-q22b
+	
+	
	16q21b
-	13q34d
+	15q26.1b
-	4p16.2b
+	2q37.3c
-	
+	
+	
-	
+	
+	
+	
+	
+	
+	
+	7q36.1a
+	4p15.33e
	4p12a
+	
+	
	9q34.3d
-	10p12.2a
-	20p12.3c
-	7q36.1b
	Xp11.23f
-	
	5q21.3d
+	
+	
+	
+	
-	5p15.33e
+	9q34.3f
-	
-	
-	
-	

+	3p24.1c
	11q12.1c
+	
	11q12.1c
-	
+	
+	12p12.3b
-	1p36.33b
+	
-	
-	
-	
-	
	11q22.3a
-	
+	
-	
+	
+	
+	8q12.3b
	10q23.32b
-	
+	15q26.1d
-	
+	
-	8q22.3b
-	5q35.3f
+	
	11q22.3b
+	12p13.31b
-	10q23.33a
-	6q14.3c
-	14q12a
	Xq23a
+	
+	Xq23a
+	Xq28g
+	
-	16q12.2c
-	
-	
+	
+	

	17p13.1c
+	
	11q22.3c
-	7q11.21b
	2q31.1e
+	1p36.33a
-	5p12c
-	
-	
-	1p36.33a
-	2q31.1f
-	
+	
+	5p12c
+	
-	9q12i
-	10q11.22c
-	15q21.1c
-	
-	5q14.1e
-	
+	
-	
-	2q31.1f
+	3q11.2b
+	1p36.13a
-	17p13.1b
-	
-	1p36.13b
+	1p36.13b
-	
	2p16.3d
+	19q13.12a
-	
-	10q11.22d
+	5q23.1a
	6q22.1d
+	
-	
-	8p23.3b
-	
+	
+	

+	17q21.31d
-	
	10q11.23a
-	4q12d
+	
	22q13.33b
+	17q21.31d
-	
-	1q42.11a
-	10q24.1b
-	2q31.1f
+	
-	
+	
-	
+	
-	17q21.31e
-	17q21.31e
+	
-	10q26.3e
-	5q14.3d
+	
-	14q13.1a
-	
	Xp11.22b
+	
-	17q21.32a
-	
+	19q13.2c
	8q11.21c
+	8q23.2a
+	
	Xq22.2b
-	
-	
	8q21.12a
+	
-	
	17q21.32a
+	
+	
	Xq22.3a
+	4q13.1b
+	

+	
	17p11.2i
+	
-	
	4q22.2b
-	
+	3q12.1c
-	
	Xp11.3b
+	11q13.1a
+	
+	
+	5q34a
+	4p16.1b
+	
-	
+	
-	
+	4q13.1d
+	9q12i
	Xq22.3b
	14q13.2b
-	
	14q21.3b
-	1p34.2a
-	1q21.1a
+	
-	Xq26.3a
-	
-	
-	
-	
+	7q11.21d
-	13q14.3d
+	4q28.1a
+	6q24.3a
-	
+	
+	
-	
+	
+	22q11.1c
-	
+	

-	18p11.21a
+	
+	
-	3q13.11a
+	
-	9q12j
+	17p12a
-	17q21.32c
-	15q14d
+	
-	8p23.3a
	3p21.31j
+	
-	
-	
+	
+	
+	Xp11.23f
+	
-	
	15q22.2a
	5q33.1c
+	
+	
-	
+	
+	7q36.3a
-	
	4p15.33c
	1p36.23b
+	
+	15q15.1a
+	
-	
+	6q25.1b
+	
+	
-	
	2q32.1b
	4q31.1c
-	
+	
+	7p13d

-	
	4q31.1d
+	
	14q22.2b
-	
-	5q14.1d
	5q35.1d
+	
-	3q13.13b
+	
+	1p36.11a
-	
-	16q22.1a
-	19p13.3j
+	17p11.2c
	11p15.2c
+	5q35.1d
	19q13.2c
-	
-	1p36.22d
+	11q13.2a
-	
-	
+	18p11.32c
-	
+	
+	
	15q15.1d
	12q14.2a
+	4p15.32b
-	
+	17p11.2f
+	
+	
+	6p22.3d
+	1q21.1e
+	1q21.1e
+	
	6q23.3a
-	
+	12p12.1b
+	7q36.3b
	1p31.3b
-	10q21.3d

+	
	12p12.1a
-	
-	
+	7q36.3c
	Xq11.1b
	12q14.3b
-	5q14.3d
	10p12.31a
-	
+	
-	
-	15q23b
-	
-	
-	16q22.1f
	11p15.1d
+	17p11.2c
	2q32.3c
-	
-	5q14.3f
+	
-	11q13.2a
-	
-	
-	
+	
+	
-	1p36.21d
-	
+	
-	
+	Xq11.1c
+	6p22.2c
	18p11.31a
+	
+	
+	17p11.2b
-	Xq12a
+	1p32.3b
+	
-	
	6p22.2a
-	

-	16q22.3b
	4p15.2b
+	12p11.21b
+	
+	8p23.1e
+	11p15.1a
-	
	3q24a
+	
-	17q22d
-	
+	
-	8p23.1e
+	
-	
+	
-	
+	
-	15q21.2c
+	8p23.1f
	1p36.13f
-	
	17q23.1a
+	16p13.3d
-	
-	1p36.13f
+	
-	
-	
+	1q22b
-	
-	1p36.13f
-	17q23.2a
-	
	2q33.1e
-	15q21.2c
-	
+	11p14.2a
-	
-	
	17q23.2b
	16q22.3c
-	2q14.2a
-	

	17q12a
-	15q24.3b
	4q28.1b
-	
+	19p13.2e
-	16q23.1a
-	
+	5q35.3b
-	
-	3q21.3a
-	
+	
-	8q13.1b
+	22q11.23a
-	9q22.1a
+	16p13.3d
+	
	5q35.3d
-	
-	2q14.2c
+	
	17q23.3b
	6q25.1a
-	7q21.3b
	9p24.1b
+	19q13.33b
-	2q33.3b
+	
+	
-	17q23.3b
+	
+	18p11.21f
-	
-	
+	
	5p15.1b
-	22q11.23b
-	
	17q11.2c
+	10p11.22c
-	17q11.2c
+	
	18p11.21e
	2p23.3d

+	5p15.1a
-	15q11.2a
	5q35.3e
+	15q11.2a
-	
+	5p15.1a
+	
	11p13c
-	20q13.33e
+	15q11.2a
+	
+	
+	
+	
	Xq13.3c
-	8q21.11a
-	
-	
-	15q11.2a
+	2q34b
-	
-	
-	15q11.2a
+	
+	9q34.11e
-	1p36.12a
	15q13.1b
	6p21.1c
+	
+	
-	
-	10p11.21b
-	
-	4q28.3g
+	
-	1p36.11d
+	
-	
-	
+	1q23.3a
-	15q22.31c
-	
-	

-	
+	10p11.21a
+	8q21.13b
-	18p11.21b
-	
-	18p11.21b
-	18p11.21b
-	
	8q21.13b
+	7q22.1f
+	7q33d
-	8q21.13b-q21.13c
-	
+	13q12.13b
	3p21.31d
+	
	19q13.41b
+	2q14.3e
-	
-	
-	
+	13q12.13c
-	
	7q22.2b
+	
-	3q22.3a
-	
	1p36.11a
+	19p13.12a
-	4q31.22a
+	
-	Xp21.1a
-	19p13.12a
+	9p21.3b
-	
-	13q12.2b
+	19q13.42c
-	16p13.11a
+	2q21.1b
-	22q12.3c
-	
-	22q12.3c
+	1q24.1c

+	
	9p21.1d
	19q13.43a
+	5p13.2b
	3q23c
-	2q21.1c
+	19q13.43a
+	15q24.1b
-	
-	7p15.1c
+	
-	1p22.2a
-	
+	6p21.31d
+	
	15q24.2a
-	
	11p11.12b
+	1q24.3a
	9p13.3e
-	1p22.1e
-	1p22.1e
-	16p12.2b
	2q21.1d
	3p14.1d
-	3q24e
+	15q24.3b
+	
-	2q21.1d
-	
-	1q25.1b
+	
-	
+	
-	
+	
+	9p13.3b
-	
+	7p14.2a
+	15q25.1a
-	
	9p13.3a
-	
-	13q14.11b

-	7p14.1c
+	2q22.1c
	7q32.3b
-	15q25.2a
-	15q25.2a
+	9p13.1b
-	
+	18q21.1d
+	
-	2p15d
+	7q33b
	16p11.2c
-	3q26.1b
	2p15b
+	1p11.2a
-	13q14.2c
-	1q31.2a
-	6p12.1d
-	
-	
+	
+	
	1q32.1d
	3q26.32c
+	
-	1q32.1e
	13q22.1a
	3q27.3a
	14q32.33a
	13q22.2a
+	
	2p11.2g
+	
	2p11.2g
	3q28d
+	14q32.33c
-	
+	

+	1q21.1a
	10q26.3f
	2p11.1d

	5q13.2b
	5q23.2b
+	5q14.1a
	2q34b
	8p23.2b
	12q13.12c

-	2q22.1a
	2q11.2d
	9p22.2b
	8p23.1f
+	
+	1q22a

	10p11.1d
	15q25.2a
	Xp11.22c
	Xq21.33b
-	22q11.21e
-	22q11.23c
-	16p11.2a
	22q11.22a
-	9q22.1a
-	Xq28f

	8p23.1a
-	14q12a
+	7q11.21d

11p15.5b

\+ 17p12a

8q24.13e

\+ 2p25.1b

7q21.3d

\+ 11p15.4d

11q13.3f

19p13.3g

-

- 13q12.13c

- 4q35.2a

3q29e

+ 5p15.2c

15q11.2a

7p11.2b

3p12.3d

	Xp21.2a
-	22q12.2b
+	
+	15q11.2c
+	
-	
+	15q13.2a
-	5p15.33e
-	
-	
+	
+	10q11.1d
	Xq27.3d
+	
+	21q11.2b
-	12p13.31b
-	9p12b-p12a
+	3p12.3d
-	
-	15q13.3c
+	
-	10q11.21d
-	22q11.21b
-	10q11.22b
-	11p15.5a
+	
+	
+	7p12.1a
-	2q11.1c
+	2q24.1e
+	
	7q35a
-	

+	
-	
-	
-	10q23.32b
+	10q11.21d
-	
+	
-	
-	
+	
-	22q11.21f
+	
-	22q11.21f
-	12q24.23a
+	
-	
+	10q11.23b
+	
-	
-	
+	
-	
+	Xq22.1c
+	
+	7q11.23d
+	
-	
-	15q21.1a
-	
+	
-	18q21.1b
+	8p23.1e
+	
+	
+	10q11.23a
+	9q12g
+	1p11.2a
-	
-	
-	17q21.32b
-	
	2q12.2b
+	
+	19q13.2a

-	9p13.1a
-	1q21.1a
+	
-	1q21.1a
+	
+	
+	
+	4q35.2d
+	
-	16p11.2a
+	
+	16p11.2a
	1p35.3b
+	10p12.33c
-	19q13.31a
+	
-	
+	
+	1q21.1e
-	
+	
+	
-	
-	
-	
-	
-	2q33.1b
+	
+	15q24.2a
-	17q23.1a
-	16p13.3d
-	17q23.1a
	Xq13.1c
+	
+	
+	
+	
+	
-	
-	
+	18p11.21b
-	

+
-
-
+
-
16p11.2e
-
+
+
1p12a

7q36.1c

10q11.23b

2q11.2b

	4p16.3d
+	
+	17p11.2f
+	2q13d
-	
+	15q14b
	3q13.33b
-	10q11.23a
+	
+	15q25.2a
+	
-	4q13.2c
-	
-	
+	
-	
+	12q24.11b
	12q21.2b
+	6p11.2a
	15q13.1c
-	12p13.31c
-	1q21.1a
-	
+	12q24.33d
-	15q11.2a
	16p13.2a
+	Xp11.22b
+	14q11.1d
-	15q25.2a
-	2q13d
	19q12c
+	Xp11.22b
+	

	11q22.2a
+	
	10p15.1e
	13q12.11a
	3q29g
-	18p11.31e
	13q32.1c
+	15q13.2b
	1p13.3c
-	
+	22q11.21b
+	15q25.2b
	8q24.3g
	12p13.31b
+	14q11.1d
+	21q11.2b
+	16q12.1c
-	15q25.2b
-	16q24.3b
+	6q16.3a
+	12q24.31d
+	10q26.3f
-	8p12a
-	9q22.32a
	13q12.11b
+	22q11.21b
+	
	6q12g
	2q24.2a
-	2q24.1d
+	12q24.31d
	6q16.3b
+	3q29i
	18q21.32c
	18q21.32b
-	15q25.3a
	3q29g
-	4q21.22a
+	17q12c
-	16p13.11b
+	22q11.21c
+	Xp11.4b
-	5q35.1d

+	Xq21.31e
+	5q12.1b
+	12q22a
	4q35.1d
	5p15.2a
-	12q13.11c
+	2p25.3e
-	
-	10q23.2b
-	4q12a
	18q21.33b
	17q21.2a
	2q37.3f
-	22q11.21d
+	22q11.21d
	2q14.3a
	17p13.2c
+	2q37.3f
-	3q29i
	4p16.2b
	6q26c-q27a
	15q14c
+	11q23.1c
-	15q13.1b
	17q21.2a
	5q13.2a
-	Xq22.1d
-	7p11.2b
+	5q35.2d
	6q15a
-	6p22.3e
+	4p16.1c
	2p23.2b
+	5p14.3b
-	1q41e
	1p34.3c
-	22q11.21f
-	1p34.2d
+	5q13.2b
	7q11.22c
-	8p23.1f
-	7p11.2a
	5q23.2a

-	7p11.2a
+	12q23.1d
	Xq26.3a
+	19q13.12b
+	5q13.2a
+	5q13.2a
-	3q11.2b
	3p24.3a
+	1p36.33b
-	5q13.2a
-	4q21.3e
+	10q11.23b
+	19q13.12c
	2q11.2b
	12q24.13a
+	5q35.3b
+	21q22.12b
	10q23.33d
+	4p16.1d
-	5q13.2b
+	11q12.2a
	1p34.2d
-	18q11.2e
	4q24b
+	5q23.3c
	5q13.2c
+	12p12.3c
	6q22.31e
+	14q11.2g
+	10q21.1f
-	10q11.22a
	12p13.31b
-	Xq28g
-	1p36.33a
	6q22.32c
-	12p12.3a
	3p22.3c
	9q12h
	8p23.3b
	12q24.22a
	17q25.3h
	12q13.13e
	5q23.1e
-	12p13.31a

+	5q14.1a
	1q42.13b
+	15q25.2b
-	11p15.4c
+	16p11.2e
-	12q23.3d
+	7q36.1c
-	Xq13.2c
	14q12b-q12c
	15q15.3b
-	8q13.2b
	Xq13.3a
+	3q13.31a
	3q13.31a
+	1q21.1c
	16p11.2d
-	21q22.13a
-	2p21d
	5q14.1c
-	Xq23d
-	
+	
	12q13.13f
-	19q13.13a
-	
+	3q13.31c
-	
-	20p11.1c
-	16p11.2d
-	
	9p11.2a
	5q14.1b
-	
+	19q13.2a
+	
+	10p11.21a
-	18q21.1b
	5p12b
	19q13.2a
-	
+	1q21.1e
-	10q11.23a
+	1p36.12b
-	1q42.2c

	11q13.1c
-	10q11.23b
-	1q21.1e
-	2q31.3a
+	4q26f
	10q24.33a
+	4q26f
-	12p12.3d
	1q42.13b
+	22q11.1c
	1p36.12a
+	6q24.1c
	15q15.1c
+	1q21.1d
+	5q31.1c
+	11q13.1a
+	3p22.1a
+	5q31.3e
-	Xp11.3a
+	3q21.2c
	15q21.3d
	2q13a
	11q23.3g
-	11q13.2a
	6q25.1a
	16q21d
	1p32.3d
+	2q11.2a
-	10q22.3e
+	17p11.2f
+	2q32.3a
+	6q27f
	19p13.2a
	20q13.33a
	12q14.3b
	1p36.11b
	22q11.21b
+	2p14c
	2p14c
	20p11.21a
	14q22.1c
-	2q33.1a
+	16p11.2a
-	2q33.3b

-	
-	9q21.32c
-	3q21.3d
	19p13.13c
-	
	1q42.3a
+	2q33.1d
	2q33.3d
-	17q22c
	5q33.1e
	1p32.2a
+	4q28.1e
-	19p13.3b
	12q14.2b
-	7q11.23d
+	
+	8p23.1e
+	11q21a
-	16p13.3f
	11q21b
-	22q11.21e
	1p36.21a
	3p22.1c
-	16q24.2b
+	13q11c
	15q21.3c
	13q11c
+	4q31.3a
-	1p36.13e
+	5q35.3d
+	2q33.3b
-	20q11.22b
	3q21.3c
-	1p36.13e
+	5q35.3e
-	18p11.21f
+	6q25.3f
	20q11.22b
-	
-	19q13.32c
	"Xp22.33d,Yp11.32a"
+	14q23.1b
-	11q13.2a
	16p13.3d

-	1q43f
	10q26.11c
-	10p11.23a
-	4q31.21c
+	19p13.11f
	13q12.11b
	17q23.3a
	15q24.1a
	3q23c
-	3q22.1d
	1p31.1f
-	8p23.1a
-	1p36.33b
	2q14.3a
+	5q35.3g
+	1p31.1g
	1p31.1e
+	2p23.3b
+	6p21.31d
+	16q23.1d
	1p31.1d
	1q23.1e
+	15q11.2a
+	6p21.33a
	11p11.2e
	1q44e
+	1q44e
-	6p21.33a
	1p31.1c-p31.1b
-	22q11.23b
	11q13.4b
-	2p11.2e
+	7p21.3e
	17q12b
+	2p11.2d
-	2q37.1a
	16q24.1a
-	2q37.1b
+	22q12.1a
-	1q23.3a
+	5p13.3a
	19p12d
	11q14.1a

+	1q23.3d
	16p13.13c
	11q14.1d
+	2p22.1c
	9p21.3c
+	2q21.1b
+	2p25.1a
	3q26.2b
-	22q12.2b
-	
+	7p15.3b
+	2q21.1b
+	15q13.1b
	1p21.1d
	2q21.1d
-	19q13.43c
-	5p12b
-	
+	
	2p21a
	1p21.2a
	19p12b
	16p12.1c
	9p13.3c
+	
-	1q24.2a
-	1q24.2c
	2p16.1b
+	16p11.2e-p11.2d
	1q25.1a
	22q13.2b
	1q25.2a
	19q13.43c
-	14q32.33a
	16p11.2c
+	2p14c
-	13q14.3b
-	14q32.2a
+	13q21.32b
	1q32.1d
+	1q21.1a
	2p11.2d
+	2p11.2c

+
+ 7q11.21b
+ 7q11.21b
- 7p11.2a
+

+

-
-
-

7p11.2b
-
-
+

12q12c

16p11.1c

1q21.2a

	5p12c
	22q11.21f
-	15q25.2a
-	7q36.1e
-	1q42.13e
	5q14.3g
+	14q32.31a
+	
	10p12.1b

	16q24.1c
	7q36.1b
-	11q24.1b
-	11q24.1b
-	13q13.1a
	3q27.1b
-	9q34.3c
	2q11.2a
+	17q21.31a
	22q11.23a
-	4q25f
	11p15.1d
-	
-	
+	
+	8p12e
+	9p13.3a
+	2q37.1a
+	7q34e
-	
+	3q26.2a
	4p16.1f
-	17p11.2h
+	22q11.22a
-	

+	3p26.1a
-	19p13.3b
+	16q12.1a-q12.1b
-	8p23.1a
+	Xq24b
-	18q21.1a
-	6q25.3f-q26a
-	9q31.3b
-	19p13.11a
-	1p22.3f
+	Xq21.1b
-	12p13.31d
-	5p15.33d
+	16q12.2c
-	12p13.31d
-	15q14a
-	1q32.3a
-	19p13.12c
+	1p31.1b
+	2p25.1b
-	18p11.31e
+	3q28a
+	19p13.2b
-	11q12.1c
-	1q32.3c
+	5q15e
-	4q31.3a-q31.3b
+	3q29i
-	7q22.1c
-	11p15.5c
-	19q13.2a
+	19q13.12a
+	11q13.1e
+	7q33a
-	3p14.1c
+	1p13.2c
-	12q14.1a-q14.1b
+	4q25c-q25d
+	12p12.1b
+	12q13.3b
+	14q11.2f
-	6q25.1a
-	2q22.1d-q22.2a
+	19q13.11b

-	11p11.2b
+	11q13.2b
-	1p32.3c
-	4p16.2c
+	6p12.1c
+	8q24.3h
-	3q29c
+	6p22.2a
+	6p22.2a
+	14q11.2g-q12a
-	10q11.22d
-	10q22.1a-q22.1b
+	12p13.31d
-	8q24.3h
-	19p13.11c
-	9q34.3e
+	15q26.3b
-	16q22.1a
+	21q22.3d
-	3q26.2b
-	11q13.5b
+	3q29g
-	3q26.2b
+	16q22.1b
+	17q21.32a
-	17q21.31d
	17q11.2d
	17q11.2c
	1p36.21c
-	1p31.1k
-	1p33d
+	1p32.3c
-	1p31.1h
+	17q25.3g
+	17q21.32b
-	1p36.32b
	17p11.2g
+	15q23b
+	11p15.5d
-	15q15.1d
-	3q13.33b
-	17q21.33b
-	8q24.22b
-	8q13.1b-q13.2a

+	8q21.3e
+	1p31.1k
+	9q34.11c
+	1p22.2c
+	1p22.2b
+	19p13.2e
+	8q21.2b
+	2q37.3b
-	3p22.2b
-	1p31.1h
+	12q12c
+	3p26.2b
-	1q32.1f
+	7q31.1b
-	20p12.3c
+	11q13.4a
+	7q22.1e
-	3q13.31b-q13.31c
-	3q29d
-	8p12a
-	1p34.3d
-	17q21.31c
+	19q13.11c
+	20q13.33c
-	6p21.33a
+	3p25.1a
-	19p13.11c
-	7p14.3c
+	4q31.22b
-	19p13.3g
+	7q31.31a
-	17p13.1d
+	11p15.5b
+	19q13.12a
-	21q22.3f
+	6p21.33a
+	12p12.2a
+	6p21.33a
-	12q23.1a
-	6p21.33a
+	14q12a
+	2p22.3d
-	11q13.1c
+	19q13.2b

+	5q35.3e
-	3p21.31i
-	15q15.1c
+	6q24.2b
-	16p13.3f
+	7q34b
-	1p36.12a
-	3q25.32b
+	8q24.3f
+	6p21.33a
+	6p21.33a
	8q24.3f
-	2q24.2a
+	6p25.1a
+	1q23.3a
+	8q21.11a
-	4p16.2b
-	2q11.2c
-	19p13.13b
+	8q12.1a
-	2q21.2b
-	19q13.2c
+	2q23.2a
+	2q23.2a
-	8q11.23d
+	1p36.11d
-	6p21.32a
+	1q41c
+	16p12.2c
-	6q15d
-	6p25.1c-p25.1b
+	12p12.1b
+	5q31.1a
-	1q21.2d
-	15q21.2b
-	5q14.3g
-	15q26.3b
-	1q42.3c
+	12q15c
-	1p36.22d
-	3p21.31j
+	22q11.21e
-	8p21.3c
+	10q24.31a

-	12p13.31c
-	12p13.31b
-	19p13.3d
+	4q31.3a
-	7p15.3e
-	11q13.1a
-	7p22.3a-p22.2c
-	4q27a
-	1p36.22b
+	11p11.2b
+	4p16.3c
+	1q24.1c
+	8q24.3g
-	8q24.3f
-	20q12b
+	22q13.1b
+	19q13.12a
-	Xq28e
-	Xq28e
	Xp21.3c
+	Xp11.22b
+	Xp11.21a
+	Xq13.3c
-	3q27.1b
+	Xp11.21a
+	Xp11.23b
-	16p13.3b
-	1p32.3c
-	12p13.2c
-	Xq21.1a
-	6p24.2a
+	9q21.33b
+	8p12c
+	2q11.1c
+	9q34.3e
	5q35.3e
+	Xq28c
+	1p12c
+	9q34.3e
+	15q26.1c
-	19p13.13c
+	4p16.1f
-	15q24.2a
-	4q24b

+	20q11.23b
	6q16.1e
+	1p34.3b
-	12p13.2a
+	15q15.3a
+	5q13.2b
+	2q31.1d
+	20q11.22a
+	16q24.2a
-	1q43e
+	19p13.11d
+	2q34a-q34b
+	15q22.31c
-	4q23b
-	19p13.3e
+	17p11.2b
+	17p12d
+	17q24.3a
+	19p13.2e
+	5q11.2f
-	11q13.1d
-	12q13.13e
+	3q27.2a
-	Xp22.12b
+	17q23.3a
+	6q26a
-	6q23.3b-q23.3c
-	1p36.11a
-	6q15e
+	22q13.1d
+	6q25.1a
-	Xp21.2a
+	10p11.23a
-	14q24.2a
-	19q13.2a
-	11q13.1b
-	2p22.1c-p22.1b
+	2q11.2e
-	14q22.1b
-	11q13.5a
-	3q27.1a
-	6q23.3b
+	1p34.3d
-	Xp22.12b

-	4q32.1b
+	1q22c
-	22q11.21f-q11.22a
-	4q21.3a-q21.3c
-	22q13.33b
-	22q13.33b
+	6p21.31b
+	6p21.31b
+	8q24.3g
	16p11.2d
+	15q21.2c
+	17p11.2e
+	10q11.22d
+	11p11.2c
+	16p13.3e
-	5q35.3e-q35.3f
+	1q32.1h
+	3p21.31b
+	12q24.12b-q24.13a
+	15q15.1c
-	4q23b
+	20q11.21c
+	18q12.1g
+	2p23.3a
+	17q21.31e
+	6q22.1a
-	1p35.1b
+	1q41d
+	11q13.1a
+	14q32.32b-q32.33a
+	19q13.32a
+	12q13.3b
+	2q33.1b
+	19p13.13c
+	1p34.1b-p34.1a
+	19p13.11c
+	5q12.3c
+	10p12.1a
-	10q23.1a
+	2p11.2f
+	5q34c
-	19p13.3e
-	1p35.2b
+	5q31.2d

-	14q23.3a
+	16p11.2d
-	18q21.1g
-	18q21.2c
-	19p13.3h
+	19p13.2e
-	3q21.3d
+	12q13.3b
-	14q13.3a
+	7q22.1c
-	5q14.3g
+	3q25.1c-q25.2a
+	13q32.1c
-	Xq26.2a
	2p25.1e
-	19q13.42a
-	18q23b
-	17q21.33b
-	16q23.3b-q24.1a
+	Xp22.12a-p22.11b
+	16q24.3b
-	18p11.21c-p11.21b
-	18q21.32b
+	18p11.21c
-	11q23.3e
-	9p13.2a
-	22q13.2c
-	3q27.1a
+	5q13.2b
+	6p21.33a
-	2p13.3c-p13.3b
+	13q34c
-	2p21a
+	22q13.2a
-	1q21.2c
+	10p13e
+	3q21.3b
-	6p12.2a
-	21q22.3f
+	21q22.3f
+	8q11.21b
+	22q12.3c
-	2q21.3b
-	7q22.1c

+	19p13.2e
-	1p22.3f
-	1p22.3f-p22.3e
+	8p23.1f
-	12q13.12c
-	5q15c
+	Xq24d
-	6p21.33b
+	7q31.1d-q31.2a
-	6p21.2c
+	2p15a
+	7q11.23e
-	12q15b
+	12q15b
+	1q32.1f
-	6q15d
-	14q12a
+	18q21.2a
-	6p21.1d
-	1p34.3c
-	1p35.3a
-	17q12c
-	5p15.31c
+	17p13.2c
+	Xq13.1c
+	3q25.1b-q25.1c
-	17q23.2c
-	12q24.21c
-	Xp11.4b
+	22q11.21e
-	19p13.3i
+	11q21a
-	11q12.1b
-	6p21.1f
+	12p11.23a
-	9q34.2a
-	6q23.2a
-	17q21.1a-q21.1b
+	19q13.33b
-	19p13.11f
-	9q34.13a-q34.13b
+	4p15.32b
+	19q13.2a
+	8q24.11b

-	17p13.2a
-	13q14.2b
-	14q24.2a
-	5q33.3a
-	1p34.2a
+	17p11.2g
+	15q26.3b
-	19p13.11b
-	5q14.3f
-	1q22d
-	15q22.31c
+	19q13.2c
-	9q33.2a
+	22q13.2b
	10p13c
-	15q14c
-	19q13.32c
+	9p13.2b
-	2p22.3e
-	11q13.1b
+	7q22.1c
+	4q22.1a
+	2q13c-q13d
+	15q25.1b
-	15q26.1b
+	15q26.1b
+	7q32.2b
+	7q31.2b
+	4q23a
+	12q22d
+	16p13.3f
	17q25.3h
-	17p13.3c
+	14q11.2c
+	11p14.1d-p14.1c
-	12q14.1a
+	9q34.11d
+	1q24.2c
+	11q12.3a
+	1q24.3b
+	4q26f
+	17q23.2d
-	14q11.2d
-	18p11.32a

-	2q31.1a
+	12q13.13b
+	12q13.2b
+	16p12.2a
-	1q22c
-	15q25.2a
-	18q21.2a
-	19p13.3h
-	15q15.3b
-	1p36.13e
+	5q33.2b
-	17p11.2e
-	12p13.31b
+	2q36.3c
-	15q26.1a
-	8p23.1d
-	3q29g-q29h
+	1p36.22a
-	22q13.1a
+	3q25.33a
-	4p16.3a
+	17q25.2a
+	1p34.2d
+	8q24.3h
+	12q13.13e
+	2q32.2b
-	4q28.1e-q28.2a
+	15q15.1c
-	5q35.3f
+	14q22.1a
-	2q11.2c
-	5q35.3e
-	4q21.21b
	4p16.1d
-	15q15.1a
-	1p36.13e
+	11q13.4c
-	
+	9p24.3b
+	2q32.2b
-	
+	3p24.3e
-	2q37.3d

+	
-	Xq26.3a
-	4q24e
-	22q11.21e
+	
-	19p13.2b
-	9p12a
+	
+	
-	9p22.3a
-	
+	
	4p16.3d
-	
+	7p15.3b
+	
+	19q13.43c
-	5q31.2d
+	
-	11q13.1a
	11q12.3b
+	1p34.1d
-	11q22.3c
+	7q22.1f
+	19q13.11a
+	22q13.1a
-	6p25.2b
+	11q24.2b
	Xq22.2b
+	1p36.31a
-	17q24.1a
	7q22.1c
-	2p21e
+	5p12c
-	
+	
+	6p21.1b
	19q13.33c
+	2p11.2d
+	5q14.3c
+	2q14.1a
	9q34.3f
-	8q24.3h

+	22q13.33b
	17p13.1d
-	7q21.3d
+	20q11.1c
-	7p15.3c
	1p36.13a
-	10q24.32a
-	3q21.3b
+	10q26.3a-q26.3b
-	12p12.3e
+	12p12.3d
+	4q31.1d
+	1q24.1a
+	19q13.2b
+	1q41e
+	22q12.1a
+	18q11.2a
	1p36.33a
+	
-	6q21f
+	11p15.3b-p15.3a
+	11p15.3a
+	22q13.1b
+	6p21.33a
+	Xp11.4d
+	19p13.3i
+	1p31.3a
-	5q11.2f
+	22q11.23a
-	17q25.1c
+	1p36.22a
+	
-	3q11.2c
+	10q23.2b
+	7p21.3e
-	13q12.12a-q12.12b
	11q24.1a
	7q22.1c
	18q21.31b

	21q21.1b
	7q32.1a
	11q12.1a
	16q13b
+	21q21.3a 3q26.1a 7q32.2a
	11q13.1b
	9q34.11b 9q21.11c 17q23.1a 1q24.3c 1q41d 9q34.11b
	19p13.12c 7q22.1c 20q13.32a 14q32.31a 8q24.22d 6q13b 9q31.3a 8p21.3a

11q13.4c
19q13.32a
5q35.3e
16p13.12a
14q32.31a
19q13.41b
14q32.31a
14q32.31a
14q32.31a
3p21.31d
1p36.33b
Xq23c
17q11.2a
14q32.31a
9q32d
7q21.3a
19q13.41b
Xq27.1b
Xq27.3e

19q13.41b
Xp11.23a

7p14.3c
1q24.2a
2q32.1f
3p21.31k

3q26.2c
4p15.33e
4q32.3b
6p12.3f
7q32.1a
8q22.2b
10p12.1d
12q13.3b
17q24.2c

19q13.33e
22q13.1a
14q32.31a
11q14.1b

14q32.2b

	5q31.2a
	7q22.1c
	16p13.3d
	1p13.1a
	4p16.3b
	3q28b
	13q31.3b
	21q21.1b
+	17p13.2b
-	2q11.2c
+	3p14.1a
+	1q42.12c
-	10q26.2d
-	2q14.3a
-	20p12.2b
-	22q13.1e-q13.2a
+	16p13.12a
+	7q32.3a-q32.3b
-	1p33d
-	19p13.3h
-	7q34c
+	3p25.1d
-	17q22d
-	10p12.1a
+	12q24.31a
+	3q25.32b
-	4q35.1e
-	12p13.31d
+	3p22.2b
	16q22.3c
+	11q23.3d
-	12q13.12a-q13.12b
-	7q36.1e
+	19q13.12a
+	7q22.2a
-	19p13.3b-p13.3a
+	10p12.31b-p12.31a
+	1q21.2d
+	17q12c
+	2q37.3b
+	16p13.3d
+	17q21.31a
+	16q23.3b
+	4q31.22b

+	1p34.1b
-	2q23.2a
-	17q22b
+	3q25.2c-q25.31a
-	Xq26.3b
-	11q22.2b
+	22q11.23a
-	8q21.3b-q21.3c
+	1p36.33a
+	20q11.22b
-	17q12b
-	11q22.2a
+	20q13.12b
-	10q24.1b
-	10q24.1b
-	22q12.1b
+	14q23.1c
+	4q31.3d
+	1q23.1g
-	15q21.3c
-	17p13.3c
-	7q36.3c
-	14q32.12b
-	2p13.1b
+	4q13.3b
-	2p13.1b
-	19p13.3h
-	9p21.2a
-	1p33d
+	2q33.1b
+	18q12.2a
-	5q11.2b
+	20q13.13f
-	2p13.1b
-	3p21.31c
+	16q23.1c
+	12q14.1d
-	3q13.13a
+	21q22.12b
-	Xq22.3b
+	15q25.1a
-	Xq22.2a
+	19p13.13c
+	2p22.1c

-	12q24.31b
-	10q24.1b
+	9q33.2b
-	8q12.1b
-	Xq26.3a
+	Xp22.2
+	7q22.1c
+	1p13.2c
-	6q23.2b
+	17p13.1d
-	11q12.1c
+	2p13.3b
-	16q23.3a
+	13q12.11a
-	12q24.31d
+	15q24.1b
+	19p13.3d
-	17q22d
-	Xq28g
-	17q21.31b
+	14q23.3b
+	7p15.3a
-	18p11.21e
-	11p14.1a
+	17p11.2h
+	22q12.3d
-	2p23.3a
+	16p13.11b
+	19p13.11c
+	1q24.2a
-	11q23.3d
+	1q25.3a
+	17q23.2d
-	11q21b
-	2q35b
+	4p16.1f
-	4p16.1f
-	11q13.2c
+	11p15.1d
+	19p13.13a
+	18p11.31e
+	17q12b
+	4q21.1c
-	17q21.32b

-	11q13.1e
+	17q25.3f
-	8q24.12c
-	6p21.1b
+	8q11.23d
-	11q12.1d
-	11p15.4c
+	6q25.3f
+	2p12i
-	6p21.1d
-	1p36.33a
-	11q13.2b
+	5q33.2b
+	11p15.5b
-	1q23.1a
-	17q21.33b
-	16p13.3f
-	3q22.1b
+	7p14.1a
+	2p23.2b
+	19p13.11e
+	2p11.2f
-	5p15.33c
+	1p32.3b
-	17q25.1d
-	21q21.3a
+	19p13.2c
+	22q11.21c
+	9q34.3f
+	12q22b
-	15q15.1b
-	10q24.31a
+	2q36.1d
+	17q12c
-	15q25.3d
-	3q26.33a
+	11q13.4b
+	11q13.1c
-	9q31.1b
-	12p13.31d
+	14q11.2f
-	2p13.1b
+	19p13.3e
-	1q42.13c

-	1q21.3a
-	6p21.1f
+	15q25.3d
+	19q13.2a
-	1p34.3d
-	10q22.2a
+	7p11.2b
-	6p21.1c
+	6p21.33b
+	4q21.23a
+	9q34.3b
+	1q21.2b
+	3q23a
-	17q22d
-	7p13e
-	3p24.3e
+	20p13c
-	5q13.2b
-	8q21.13a
+	5p12a
-	13q14.11a
-	7q34d
-	16p13.3e
+	12p11.22b
+	5q13.2a
-	2q11.1c
+	21q22.11c
+	17q25.1c
+	2q12.1d
+	9q33.2b
	12q21.1a
+	1p36.13b
+	11q12.2a
+	11q12.1d
+	11q12.2a
+	11q12.2a
+	2p21a
+	5q14.1e
+	6p21.33a
+	2p16.3d
+	17q22c-q22d
+	17q21.1c
-	3q22.2b
+	Xp22.2

+	Xp22.2
+	16p13.3f
-	9p13.3a
+	Xq11.1c
-	8p22c
+	8p23.1c
+	10p12.2a
+	12q14.3a
-	3p21.31c
-	3p21.31c
+	Xq26.2a
+	1q22b
+	4p16.2a
+	16q13b
+	16q13b
+	16q13b
-	16q13b
+	16q13b
+	16q13b
+	16q13b
+	16q13b
+	16q13b
+	16q13b
+	14q32.33c
-	11q12.3a
+	2p21e
+	9p21.3c
+	8q24.12c
-	6p21.2c
-	11p11.2b
-	Xq28h
+	8q22.1e
	16q13b
-	7q21.2a
-	8q22.1d
-	2q37.3f
-	1p34.3b
+	10q26.3f
+	14q23.2b
+	6q25.1b-q25.1c
+	2p13.1b
+	4q13.3d-q13.3e
-	1p36.22a
-	15q25.1b

-	16q24.1c
-	2p16.1d
-	13q12.2a
+	Xq28c
+	Xq28c
-	15q13.3a
-	1q21.2a
-	5p13.3c
+	3p25.3c
+	15q13.2b-q13.3a
-	11q21c
+	22q12.2a
-	17q22d
-	13q12.13a
+	8p23.1b
-	4q35.2a
+	6q13c
+	22q12.2b
-	7q33c
+	1q43a
-	13q14.11b
-	6q25.2a
+	5p15.31a
-	8q24.13d
+	4q23b
-	8p22b
+	1q22a
+	2q31.1i
-	5q14.1d
+	11p15.5c
+	3q29e
+	11p15.5c
-	11p15.5c
+	12q13.2a
+	14q23.1a
-	1p36.12b
+	19p13.3i
+	9q31.1a
+	11q13.1d
-	6p12.3b
-	6p24.3c
-	1p34.1c
-	16q24.3a
+	12q24.11b

+	16p11.2d
+	21q22.3a
+	21q22.3a
+	2p14a
-	5q35.3a
-	4p16.3b
+	10q25.2a
-	17q25.1d-q25.2a
+	19q13.41b
-	2p22.3c
+	6q23.3a
	17p13.2c
-	8q13.1b
+	20q13.12a
+	19q13.33c
-	11p11.2b
-	1q32.1e
+	8q24.21b
-	1p34.3a
-	13q22.3a
+	2p24.3a
+	6q25.2a
+	3p22.2a
+	12q21.31a
+	12q21.31a
-	17p13.1c
-	17p13.1a
-	17p13.1a
-	14q11.2f
-	22q12.3d
-	2q34b
+	18p11.31e
-	12q24.11d
-	3p21.31h
+	17q21.32a
+	4p16.3d
+	12q13.2c
+	12q13.2c
+	6p22.3f
-	5p15.1b
+	17p11.2g-p11.2f
-	17q12b
+	2q32.3a
-	17p13.3e

-	17q11.2e
-	15q22.2a
-	7p13c
+	12q24.11b
+	10p12.1b
+	2q31.1b
-	15q21.2c
-	15q21.2c
+	6q14.1a
-	15q23b
+	19p13.11e
-	10q23.33a-q23.33b
-	1q32.1d
-	18p11.31e
+	8p23.3a
+	4q26f
-	19q13.32a
+	16p11.2c
+	17q21.33a
-	8p11.21b
+	10q22.2b
+	20q13.33e
-	19q13.43c
-	16q12.1b
-	13q13.1a
-	13q13.1a-q13.1b
+	5q35.3b
-	21q21.3c
-	13q12.11b
-	4q21.1a
+	11q14.3b
-	11q13.1c
+	2q32.2b
+	12q13.3b
-	12q13.3a
	7p13c
+	8q22.3a
-	9q34.3c
-	1p36.33a
+	11q13.4a
-	16q22.1a
-	4q32.2b
+	19q13.43c
-	22q13.2b

+	2p13.3c
+	17q21.31a
-	16p13.3b
-	9q34.11a
-	5q13.2b
+	19q13.42c
-	7q22.2c
+	19p13.12c
+	9q22.33b
-	12q21.2a
-	11p15.4d
-	4q22.1b
-	19q13.32c
-	7q22.1f
+	18p11.22a
-	8q24.3g
-	19q13.33c
-	19q13.33c
+	17q25.3g
-	16p13.3f
+	4q31.1c
+	13q14.11b
-	15q22.2a
-	18q21.31b
-	11q14.1a
+	1p34.1b
	8p22a
+	11p13c
+	14q23.1a
-	3q13.2b
+	19q13.42c
+	16p13.3c
+	20p11.23b
-	3p21.31b
+	4p16.3b
+	11p15.1b
+	12q21.2b
+	13q13.2b-q13.3a
+	3p21.31h
+	1p36.13a
-	8q21.3d
-	1p36.13f-p36.13e
-	
-	1q21.1d

+	1q21.1d
+	1q21.1d
+	5q14.3c
	1p36.12b
-	1p13.3c
+	1q21.1a
+	17q21.31a
+	17q21.31a
-	8q22.3b
+	21q21.1g
+	12p13.31d
-	11q25d
+	4p15.32b
-	7q36.3e
+	2q11.2a
+	22q13.33b
+	9q22.33b
-	3q29g
+	19q13.2a
+	1p34.3e
+	7q11.23c
+	7q11.23a
-	7q11.23d
-	1q25.3e
+	22q12.3d
+	3q22.3a
+	2q12.2a
-	2q32.1a
+	12q13.2a
-	3p21.31e
-	2q37.1b
+	19p13.3f
+	2p23.3d
-	8q13.3a-q13.3b
+	20q13.12c
+	10q11.23b
-	20q13.12b
-	20q11.22b
+	8q12.1a
+	6q22.31e-q22.32a
-	17p12a-p11.2i
-	12q24.31e
-	6p21.33a
-	10q25.2a

+	19q13.33e
-	
	9q34.2b
-	1p36.33b
-	6q15b
+	2p11.2d
+	20p11.23a
-	
+	
+	
-	
+	
+	5q22.2a
+	1q23.2d
+	18p11.32a
+	16p13.11b-p13.11a
+	17p13.1c
+	5q31.3d
+	13q31.1a
-	Xp11.3c
-	8q24.22c
-	14q11.2c
-	20q11.23a
+	16q21a
+	5q33.1c
+	Xq24c
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	19p13.11a
-	5q31.3b
-	12q13.3b
-	7q31.32b
-	22q13.2b
-	19p13.2d
-	9q33.2b
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-	16p12.1c
-	15q15.1c
+	5q12.1b
-	14q32.12b
+	16p13.3e
+	7q34c-q34d
+	2q33.1e
+	3q26.33a

-	9p21.1a
-	19p13.12c
-	10q24.31a
-	4q31.1c
-	2q33.3b
+	1q23.3a
+	11p11.2b
+	5q11.2c
+	1p34.3a
+	11q13.2a
+	11q13.2a
+	18p11.22c
+	21q22.3b
-	2q23.3c
-	10p12.31c-p12.31b
+	8q21.3e
-	20q11.22a
+	12p13.31c-p13.31b
+	1p36.13f
+	12q23.1a
-	15q21.3c
+	18q21.31b
-	14q12a
-	6p24.1c
+	15q24.2a
+	8p23.1a
+	4q34.3a
-	4q33a
-	3p24.1d
-	1q32.3a
-	13q14.3d
-	3p21.1d
+	9q33.3a
+	1q31.3d
+	17q11.2a
-	14q24.3b
-	9q34.3f
+	11p15.1a
-	12q12g
+	1q32.3b
+	15q24.1a
+	10p15.1c
-	16q12.1a
-	6p21.32b

+	5q35.1e
-	17p13.1d
-	17q12c
+	12q13.2a
-	4q25f
+	1p31.1e
+	17q11.2c-q11.2d
-	22q13.2b
+	16q22.1e
+	18q23d
+	16p11.2e
+	14q12a
+	17q21.32b
-	2q31.2a
+	7p15.2b
+	1p31.3d
-	9p23a-p22.3c
-	9q22.31a
+	19p13.13c-p13.13b
+	4q24b
+	10q24.32b
-	14q13.2b
+	19q13.2a
-	19q13.12a
-	6p21.1b
+	6p21.33a
-	8q24.3h
+	3q12.3a
-	11q24.3b
-	20q11.22b
-	2p14a
+	9p13.3e
-	4p12a
-	12q23.3a
+	1p34.2c
-	14q24.3c
+	14q11.2g
+	Xq22.2a
-	3p24.2a
+	15q26.1b
-	4q24b
-	4q24b
+	10q25.3a
-	5q35.3b

-	22q13.2a-q13.2b
-	3p21.31d
+	2q33.1e
-	14q22.1b-q22.1c
-	9q22.31b
-	12p13.33d
-	16q13c
+	16q22.1d
-	15q11.2c
-	15q11.2c
-	8q22.2a
+	5q33.3b
+	5p13.2b
-	22q12.2a
+	9q31.1d
+	9q31.1d
+	3p21.1d
+	1q23.3a
+	3q12.2a
+	6q22.31d-q22.31e
-	Xq24c
+	5p15.33d
-	19q13.33d
-	3p24.2b
+	17q21.2b
+	3p22.1a
	8p21.2d
-	8p21.2d
-	17q12a
+	3q26.31b-q26.31c
+	17p13.1d
-	Xp22.32a-p22.31f
+	17q11.2a
+	5q12.3b
-	16p13.3c
-	2p22.3e
+	16q13b-q13c
-	17p13.2b
-	19q13.42c
+	11p15.4b
+	19q13.42b
+	1q44e
+	19q13.42c
+	19q13.42c

-	19q13.42b
+	19q13.42c
+	11q23.3e
-	15q25.2b-q25.3a
+	3q26.1a
+	17q21.33b
+	17q21.33b
+	17q21.33b
-	16p13.3e
+	16p13.3f
-	5q31.2c
-	3p21.31f
-	1q24.2b
-	2q23.3b
-	3q23a
-	16p13.3b
+	17q21.31d
-	10p13c
-	4q12d
+	20q11.23b
+	5p12b
-	16q22.1e
-	1p36.33b
-	10q23.33b-q23.33c
	12q24.33c
-	7p15.1b
+	16q12.1c
-	16p13.3c
+	17q22c
+	17q24.2b
+	22q13.1a
+	16q22.1a
-	18q12.1f-q12.1g
-	9p13.3e
+	6p23b
-	9q22.31a
-	1p36.31a
+	4q25c
+	10q24.32a
+	7q36.3c
+	16p13.11b
-	16p12.3b
+	16p13.11a
+	Xq13.1d

-	15q14a
-	4p16.3a
-	5q35.2d
-	12p13.31d
+	20p13c
+	2q33.1g
+	1q23.3b
+	7q36.1c-q36.1d
-	19q13.33b
-	9q34.3d
-	1p12a
+	1q21.1b
-	19p13.12b
-	6p21.32b
-	17q25.3g
-	14q12b
+	9q34.3f
+	14q11.2b
-	16p13.3b
+	1p36.11d
+	19q13.32b
-	11q22.3c
-	18q11.2b
-	7p13d
-	14q24.3a
-	9q34.3e
+	20q13.32a
-	3q22.1c
-	1p36.31b
+	16p13.11b
+	1q25.3d
-	17q25.3f
+	5q35.1d
+	8p21.3b
-	10q24.32a
-	1p36.22a
+	9p13.3a
+	5p13.3b
-	15q24.1a
	17q25.3e
+	16p13.3e
+	7p15.3a
-	16q22.1e
	6p25.2b

	3p24.2b
+	19q13.33c
+	11p11.2b
+	12q23.1d
-	12q22d
+	3p24.3e
-	19p13.11b
+	6q21e
+	5q15a
-	19p13.11e
-	5q31.3e
-	4q31.23b
+	12q13.13c
-	2q24.1c
-	10q25.3a
-	9q34.3f
-	1p13.2a
+	10q21.2b
-	8q24.3g
-	7q31.1a
-	1p32.3e
+	7q32.2a
+	10q23.1b
-	15q24.2a
+	11q24.2a
-	21q11.2d
-	11p15.4a
+	Xq22.3a
-	6p21.33b
-	10p11.22a
+	2q33.3a
+	20p13f
+	19p13.3b
-	11q13.1b
+	14q24.3d-q31.1a
+	11p15.5c
+	5q13.3b
-	Xq21.1c
+	5q35.2d-q35.3a
+	Xq28e
	17q21.32a
-	20p13e
-	1q32.3c
-	8q12.1c

-	16p12.1a
+	8q24.13d-q24.13e
-	10q26.13a
-	5p15.31c
+	3q11.2a
+	1p33d
-	7q11.23a
+	7q11.23d
-	7q11.23a
-	10p12.33b
-	17q25.1c
-	10q24.32b-q24.33a
-	7p14.3c-p14.3b
-	17q21.2b
+	6q22.1d
-	3p21.1d
-	12q23.3a
+	17p11.2h
-	16p13.11b
+	12p13.31e
-	16p13.3e
-	12q22d
-	19q13.33a
+	1p13.3d
+	9q34.13b
-	12q23.3c
-	1q32.1g
+	7q36.1d
+	16p13.13d
+	16p13.3e
+	14q12e
+	19q13.33a
+	11p15.1d
-	1q32.1g
+	1p36.11a
-	8q23.1d
-	5q34c
-	7p13d
+	7p22.2c
-	Xp11.22c
-	14q32.33c
+	13q14.2b
+	3q22.1b
+	16p13.3b

-	1q21.1b
-	8p21.3a
+	19q13.11a
+	9p13.3c
-	16q13a
+	11q13.1a
-	6p21.31e
-	10p14a
-	4q28.1a
+	16q23.1d
-	11q13.2a
+	1q23.3c
-	13q14.12a
-	17q11.2b
-	11q13.4a
-	14q24.2b-q24.3a
-	19q13.2b
+	12q15b
-	1q42.13e
-	6p22.3e
-	5p13.2b
-	11p11.2a
+	9q34.11c
+	7q33c
-	3p25.1c
+	9q34.13a
+	2q32.1a
-	12q23.2a
-	6q25.1a
+	22q13.31b
-	4q21.1a
-	19q13.33b
-	Xq22.3b
+	17q25.1c
-	17p13.2b
+	16q13b
-	11p15.4d
+	13q12.13a
+	7p15.3b
-	16p11.2e
+	6q22.2b
+	15q15.1c
+	16q22.1b
-	1q42.11b

-	11q12.3b
-	Xq22.1d
+	Xq22.1e
-	Xq22.1d
-	17p13.3f
+	12q13.3b
+	20p11.21c
+	Xq22.3c
+	14q12a
+	Xp11.4b
+	11q23.3g
+	12q24.13b
+	12q24.13b
+	12q24.13b
-	12q24.31a
-	10q26.13d
+	19p13.3g
-	15q22.31b
-	10q24.33a
+	2q32.3a
+	12q13.2c
+	1q42.13c
-	15q12c-q13.1a
+	19p13.11e
+	4p12a
-	4p12a
+	Xq25g
-	2p25.1c
+	8q22.3b
+	9q34.11b
-	1p22.3c
-	19p13.3j
+	4q35.1b
+	7p13d-p13c
-	10q11.23a
+	16q13a-q13b
+	12q24.31d
+	20q13.33d
+	6q13b
+	3p25.3c
+	Xq13.1d
-	15q15.1c
+	10p13c
+	9q33.3a

+	21q22.11c
-	12p13.2c
-	1p32.1f
-	9q22.31a
+	18q21.31b
+	19p13.3h
-	6q13c
+	3q29b
-	19q13.32a
-	8q24.3g
+	Xq28g
+	Xq28g
-	1q43e
+	10q23.2a
+	6p12.3d
+	20q13.33e
-	9p13.3c
+	10p13e
+	12q13.2b
-	19p13.12a
+	19p13.12a
-	1q23.2a
-	10q11.21d
+	1q44f
-	1q44f
-	
-	9q33.2b
+	7q35a
-	11p15.4c
+	1q44e
+	1q44e
+	6p22.1a
+	1q44e
-	9p13.3a
	1q44f
-	6p22.1a
+	1q44e
-	17p13.3a
+	11q11b
+	11q11b
+	17q22d
+	11q12.1d
-	14q11.2a
+	14q11.2a

+	15q11.2b
+	11p11.2a
+	11p11.2a
-	11p15.4d
-	11p15.4c
+	11p15.4c
+	11p15.4c
+	11p15.4c
+	11p15.4d
+	11q12.1d
-	11q11c
-	11q11c
-	11p15.4b
-	12q13.2b
+	12q13.2b
-	11q24.1c
-	19p13.12b
+	13q21.31c
+	19p13.2c
+	13q14.11b
-	19p13.2d
-	11q11c
+	7q34e
-	11q12.1b
+	11q12.1b
+	12q24.31b
+	7q22.1e
+	16p11.2c
-	11q13.2c
-	1p32.3d
-	2q33.1e
+	6q15a-q15b
-	2q23.1a
-	7q22.1g-q22.1h
+	16q11.2i
-	2q32.2a-q32.2b
+	12q13.2b-q13.2c
-	17q12c
+	12q14.1a
-	4q31.1c
-	11q12.1d
+	22q12.2b-q12.2c
-	3p23a
-	3q21.2b

-	18q11.2c
+	20q13.33c
-	7p15.3a-p15.2c
-	11p15.4d
+	2q31.2b
-	17q21.32b
-	12q21.2a
+	1p32.3e
-	19q13.42a
-	1p34.3d
-	14q11.2b
-	2q32.2a
+	8q21.3d
-	22q12.2b
-	2p24.1d
	8q22.2a
+	3q29f
+	4q25b
+	9q21.13b
-	6q21e
	11p15.1d
-	5q14.1a
+	11q13.1a
	10p12.2a
-	4q31.22a
-	Xp11.23c
+	8q21.3e
-	15q13.3a-q13.3b
+	2p15b
-	1p13.2d
-	20p11.23d
	12p11.21b
+	14q11.2e
-	5p13.1a
-	1p34.2d
+	3p24.3e
+	8q23.1b
+	3p24.2a
+	3p22.2a
-	3p25.3d
-	18q12.2a
-	17p13.2c
+	12q24.31b
-	17p13.3a

-	22q11.21e
+	12q24.31b
+	Xq21.1b
+	19p13.2c
-	3q25.1c
-	"Xp22.33d,Yp11.32a"
-	10q22.1g
-	5q31.1b
-	17q25.3g
+	3p21.31d
-	14q11.1d
+	12q24.13b
+	12q13.2c
+	11q13.4b
-	8q22.3a
	20q13.12a-q13.12b
-	1p34.2d
+	14q11.2f
-	5q31.2d
+	11q13.1d-q13.1e
+	14q32.33c
+	6p21.31e
-	22q13.2c
-	11p11.2b
+	1p36.13e
-	19q13.2a
+	17p13.3c
+	11q23.3b
-	1p36.11b
-	8q21.13b
+	Xp11.23a
+	4q12e
-	5p12b
+	5q31.2d
-	11q14.1a
+	6p24.2a
+	3q29g
+	19q13.2a
+	15q15.1a
-	16p12.1c
+	4q32.3e
+	19p13.3j-p13.3i
+	5q21.1d
-	12q13.2c

+	13q12.2b
-	10q23.31c
+	20p13b
-	5q35.1a
-	1p36.32c
+	11q21b
+	22q13.33b
+	10q26.3f
-	10p11.23a
+	5q14.1d
+	16q12.1c
+	14q24.2b
+	14q32.2a
+	2p16.1a
-	4q25a
+	10q23.2b
-	4q21.21a
+	16p13.3d
-	1p36.11b
+	6p12.2a
-	3q23d
-	10p11.22a-p11.21c
+	16q22.1b
-	10q11.23b
+	1p36.23b
-	3q27.1a
+	4q13.3e
-	16p13.12a
-	1q42.12d
-	8q24.3g
-	12p13.32b
-	7q34c
+	3q21.1a
+	3q21.1a
-	15q22.31b
+	14q11.2b
+	3p21.1e
-	13q12.12b
-	15q23b
	5q11.1d
-	3q21.1a
-	1p32.3b
+	5q12.1a
+	22q13.31a

+	22q13.31a
-	2q37.3f
-	11q24.2b
-	11q12.1d
	15q21.1a
-	22q12.2c
-	12q21.2c
-	11p13f
-	7q36.2c
-	8p21.1e
-	3p21.1d
-	6p21.32b
+	9q33.3a-q33.3b
-	19p13.11a
-	1q21.3e
-	10q22.1c
+	5q31.1e
+	2p14a
+	12q13.13e
-	3p21.1e
+	13q32.3b-q32.3c
+	3q22.3a
+	Xq21.31e
+	10q23.1c
+	5q35.2d
-	13q21.32b
+	5q31.3b
+	5q31.3b
+	5q31.3b
+	5q31.3b
+	5q31.3b
+	5q31.3b
+	5q31.3b
+	5q31.3c
+	5q31.3c
+	5q31.3c
+	5q31.3c
+	5q31.3c
+	5q31.3c
+	5q31.3c
+	2q14.2c
+	11q14.1d
-	2p13.1b

-	17q12c
+	10q23.32a
-	10q24.33a
-	13q34c-q34d
+	20q13.12b
+	14q12a
-	7q21.11d-q21.11e
+	8p22a
+	6q25.1a
-	8q11.23a
+	20q13.33e
-	20p12.3c
+	3q12.3a
+	21q22.3f
+	14q24.2a
-	1q42.2b-q42.2c
+	11q13.1d
+	7q22.1c
-	3q23d
+	1q23.3a
-	Xp11.23c
-	19p13.3h
-	11q23.3b
+	Xp11.3a
-	12q23.1a
+	1q32.1g
+	17q22b
+	2p14a
+	5q33.1b
-	3q29f
-	17q25.3g
-	7q22.1b
-	2q37.3g
+	10q24.33a
-	6q27f
+	19q13.11c
+	10q25.2a
+	19q13.11a
+	5p15.33e
-	15q22.31b
-	9q33.2b
+	2q11.2d
-	11p15.5c
+	3p14.3a

+	12p12.2a
+	11p15.2b
+	19p13.2b
+	1p31.3b
-	19p13.11c
+	4p16.3d
-	2q37.1b
+	12p12.3e
-	8q13.1a
+	6q23.3b
+	15q25.3a
+	21q22.3b
-	16q22.1d
-	22q13.1d
-	11q22.3a
+	8p22b
+	Xp22.12b
+	4q22.3b
-	3p14.3a
+	11p13b
+	1q21.1c
-	7q36.1a
+	3q21.1b
-	2p25.1c
+	1p36.11b
+	2q31.1d-q31.1e
+	Xp22.11a
-	7q21.3b
-	10q23.33c
-	4q35.1f
+	4q22.3a
-	5q35.3a
+	16q22.1a
+	16p13.3d
	16q22.1f
-	20q11.21b
-	4p14b
+	13q13.1b
+	10p12.1b
-	6q21d
+	16p13.11b
+	21q22.3c
+	22q13.1a
-	20p13d

-	Xq13.1b
+	5p13.3c
+	11q23.3e
-	Xq28f
-	10q25.3b-q26.11a
	3p13b-p13a
+	12q12d
+	1q23.2d
+	12q24.23a
-	17q23.3b
-	6p25.2a
-	2q35b
-	1p35.2a
+	7q21.3b
-	19q13.43a
-	2p14c
+	14q22.3b-q23.1a
-	17p13.2c
-	17p11.2g
-	19q13.11b
-	17p13.1c
+	1p36.23b
-	6q23.3d
-	22q12.2b
-	4q31.3b
-	7q21.2b
-	15q26.1b
+	1q21.1b
-	19p13.2e
+	2p16.1a-p15d
+	1p36.22c
-	11p11.2c
-	1q23.2d
+	22q11.21a
+	6q24.2a-q24.2b
+	12p13.31c
-	6p21.1d
+	6q23.3c
-	13q13.1a-q13.1b
+	17p13.1c
-	5q31.3a
+	20q13.2c
+	12q13.13e
+	6p21.32a

+	1q32.1h-q32.2a
+	10p15.1a
-	3p21.31e
+	21q22.3d
+	12q13.11c
+	10p15.2b
-	17p13.2b
-	2p23.3d
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+	10q24.1b
-	Xq21.1a
+	12q24.33d
-	2q33.1a
+	6p22.1b
+	1q44f
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+	15q14a
-	1q42.13f
-	14q24.3b
-	5q22.3b
+	Xq21.1a
-	6p12.3b
+	19p13.11d
-	1q21.3c
+	1p31.3c
+	4p14d
-	11q13.4c
-	6q14.2a
-	16p13.3d
+	19p13.11c
+	Xq24b
-	4q28.2a
+	17q25.3b
+	6p24.1a
+	20q13.32b
+	5q23.2e
-	17q21.33a
-	12p13.31d
+	12p13.31b
-	1p35.1a
-	3q26.2b
+	11q13.5c
+	Xp22.11b
+	6p21.32a

-	6q27f
+	13q14.3a
-	17q11.2a
+	1p36.31a
+	7p21.3b
+	5q31.1e
+	Xp11.3a
+	4q28.2b
-	9q33.2a
+	9q22.31b
+	8q24.22b
-	11p11.2c
-	22q13.31b
-	17p13.1d
+	6q12a-q12b
-	22q13.2a
+	3p21.1d
+	1p12a
-	6q14.1c
-	Xq13.1e
-	Xp22.13a
+	16q12.1a
-	7p11.2b
+	16p11.2c
-	12q21.2a
+	11q23.3d
+	3q13.2a
+	18q21.33b
-	16q22.3a
+	2q31.1a
-	11q13.4a
+	9q34.3e
+	11p15.5d
-	1p13.2b
-	10p13d
+	9q34.11c
+	6p21.2c
+	20q13.12b
+	10q24.1b-q24.2a
+	4p15.2c
-	22q11.21d
	22q11.21f
-	1q21.2d
+	15q23a

	18q21.1b
+	1q21.1b
+	13q22.1a
-	11q14.2a
+	22q13.1b
-	2q36.3d-q36.3e
-	15q22.31b
-	Xp22.2
+	15q21.3b
-	1q24.3d
-	2p21a
+	4p16.3d
-	14q24.1a
-	1p31.1f
+	17p11.2i
-	1q23.2c
	18q21.33a
-	9p13.3b
-	21q22.13a
+	16p13.3f
-	1q32.1h
-	17q11.2a
+	20q13.12b
-	20q11.22a-q11.22b
+	1p36.11a
+	17q12b
+	3q29g
-	4q22.1b
-	19q13.33b
-	11q23.1c
-	10q24.1a
-	11p15.1e
-	1q32.1f
+	18q12.3c
+	3q26.32c
-	3q22.3c
+	1p36.22d
+	7q22.3a-q22.3b
-	22q12.2c
+	5q13.1c
+	19p13.11c
-	1p34.1a
-	3q22.1a
-	22q11.21e

+	7q22.1c
+	7q22.1c
+	6p21.2c
-	Xp11.23c
+	22q13.33a
+	19p13.2c
+	Xq13.1e
+	1p36.12b
-	8p23.1b
-	7q11.23g
-	6q25.2b-q25.2c
-	10p12.2a
-	17q12c
+	12q13.3b
+	9q21.11a
-	19p13.3e
-	10p12.2a
-	17q12c
+	2q33.3d
-	9q34.11a
+	17q11.2b
-	10q23.33b
-	Xp22.2
-	22q12.2c
-	22q12.1b
+	17q24.2b
-	11q13.1f
-	12q24.31d
-	10p15.2b
-	5q31.1e
-	4q25d
-	10q24.32b
-	Xq13.1a
	5q21.3e
-	8p23.1f
-	16p13.3e-p13.3d
-	7p12.3b
+	4q22.1b
+	2p21f
+	8q23.1d-q23.2a
+	8q21.12a
+	6q22.31c
+	20q13.12a
-	15q23b

-	16p13.3d
+	19p13.12c
+	1p22.2d
+	9q34.11b
+	21q22.3c
-	12p11.21a
+	2q24.1e
+	3q13.33a
-	16p13.12a
-	4q25c
-	10q22.1g
+	16q22.1c
-	1p36.12b
+	15q15.1c
-	9p21.2a
-	Xq26.3a
-	19p13.3c
-	4q21.22a
-	5q32c
-	8q12.1b
-	6q24.2b
-	20q11.21b
+	10q22.2a
+	2p23.2b
+	20p12.3a
-	15q15.1a
-	3p22.2a
-	17q21.31d
+	20q12c
+	16q23.2b-q23.3a
-	3q25.31a
+	1p36.32c
+	2q33.1b
+	3p24.3d
+	"Xp22.33f,Yp11.32c"
-	3q26.31a
+	17p13.2c-p13.2b
+	19q13.2b
+	14q32.33c
-	1q43e-q43f
-	17p11.2h
+	15q21.1a
-	8q24.3g
+	2p14a

+	10q26.13b
+	8p11.23b
+	2q31.2b
-	19q13.33a
-	12q12h
+	11q13.4b
+	2q21.1d
+	19q12c
+	8q22.1c
+	6q25.1b
+	19q13.2a
+	16q22.1a
+	12p13.31d
+	2p21d
-	17q21.31a
-	19p13.3g
	17q21.31d
+	1q21.2a
+	15q22.31b
+	6q26a
+	2q12.2b
-	2p11.2e
+	2p11.2d
-	9p22.1b
-	19p13.3d
+	16p12.1c
+	1p34.1d
+	4q28.1e
-	16q13c
+	1p36.22a
-	7q22.1d
+	Xp11.23b
-	4q32.1a
+	3q23d
-	3q24d
-	17p13.1d
	3q24d
-	20q13.12b
+	3q21.3a
+	Xq28g
-	22q13.33b
+	Xq28f
-	3q21.3d
+	6q15c

+	18q21.32b
-	20q13.31a
+	1q22d
+	15q24.1b
-	22q13.2a
+	16p13.2b
-	17p12a
+	9q34.3d
+	7q22.1f
+	2q32.2b
-	7p22.1b
	7p22.1a
	7q22.1c
-	7q11.23d
-	7q11.22a
+	7q11.23c
-	1q21.3e
-	Xq28f
+	2q35e
-	19q13.33b
-	14q24.3a
-	8p21.2a
+	Xq28f
+	Xq28f
-	19q13.32b
+	14q21.1b
+	2p14b
+	8p21.1d
+	11p15.5c
-	Xp22.31c
+	19p13.2e
-	9q34.3f
-	7q31.1a
+	17q21.32b
-	2p16.1d
+	6q15c
+	1p36.11d
-	7q32.3b
+	3q21.3b
-	Xq21.1e-q21.2a
+	20q11.21b
-	21q22.3e
+	1q24.1c
-	16p11.2c

+	Xp22.11a-p21.3d
+	11q13.1c
+	8p11.21a
+	19q13.33c
-	7p13d
+	11q13.4c
-	11q13.1f
-	17q11.2a
-	22q13.2b
-	12q24.33d
-	14q22.1a
-	9q32c
+	2p13.1a
-	15q26.1a
-	17q24.1a
+	6p21.1c
+	18q21.2c
-	10q24.32a
-	7p13d
-	3q13.33c
-	2p11.2f
+	2q13d
+	6p21.1c
+	13q12.2a
+	9p13.2a
+	17p13.1d
+	4q12e
+	16q13c
-	2q14.3e
-	19p13.3i
+	22q13.1b
+	11q12.3b
+	3q27.1b
-	19q13.12b
-	7q22.1e
-	7q22.1f
-	7q22.1f
+	8q22.2b
-	11p15.5c
+	12q23.3c
-	1q21.1b
+	8p21.3a
+	16p12.1c
+	20p11.23d

+	5q14.3g
-	1q21.1b
-	22q13.2a
-	16p13.3f
-	19p13.3j
+	5p15.31b
-	7q11.23d
+	22q11.21e
-	2p23.3c
-	1p34.1a
+	13q12.3a
+	9q34.13a
-	14q24.3c
-	7q21.3b
+	8q22.2a
+	19q12c
-	12q24.31a
+	7q22.1c
-	3q13.33a
+	7q11.23e
+	Xp11.23d
-	7q31.33a
+	2q21.1d
+	2q21.1d
-	2q21.1b
-	11q23.1b
+	1q24.1c-q24.2a
-	19q13.2c
-	1p34.3b
+	6q16.2a
-	13q31.1a
+	8q24.21a
-	10q22.1a
-	4q24d
+	19p13.2c
+	19p13.2c
-	5q11.2e
+	10q26.12a
-	8p12a
+	9p24.1c
+	9q34.13a
+	22q13.31d
+	6p21.31c
+	5q33.1b-q33.1c

-	4q12e
+	1p34.2b
+	20q13.33e
+	11q13.3c
+	19q13.33a
+	1q32.1d
+	12p11.23a-p11.22b
+	11p15.4b
+	12q12e
+	7p13c
-	1q21.1d
	1q21.1e
	10q25.3a
-	15q22.31a
-	5q23.2a
+	1p34.2d
+	10q22.3e
+	2q31.1a
+	1p34.2a
-	6p21.2c
+	22q11.21f
-	2q33.1e
+	14q22.1a
-	6q21f
-	16p13.3b
+	2p21d
+	17q23.2a
+	17q22d
-	12q14.1d-q14.2a
-	1p13.2c
-	4q22.1b
+	3p21.1d
+	8q22.1b
+	11q13.4c
+	1q23.3a
-	11q13.1f
+	2p23.2a
-	12q24.11d
-	6p21.33b
+	6p21.33b
-	12q21.2c-q21.31a
+	1q32.1d
-	19q13.42b
-	14q32.33a

-	19q13.32a
-	19q13.2a
-	11q13.1b
+	6q25.1b
+	19q13.33a
-	1q32.1f
+	8q24.3h
+	20q11.23c
+	17q12c
+	2q31.3b
-	3q29e
+	5q33.3a
-	8p23.1d
-	20q13.33a
-	14q11.2f
+	Xp11.23b
+	2q37.3f
+	1p35.3b
-	5q31.1d
-	8p12e
+	19q13.33e
-	11q23.1b
+	10q26.3d
-	"Xp22.33f,Yp11.32c"
-	14q13.2a
+	9q34.11c
+	1q32.3b
+	11q13.1c
+	14q32.31b
+	6p21.1d
-	14q23.2b
-	4q23c
-	10q22.2a
+	8p21.3a
-	2p14b
+	16p11.2d
-	18p11.22b
+	14q32.13a
+	19q13.32b
-	9q33.3a
+	1q44b
-	22q13.2a
+	10q24.32a
-	1p34.2d

-	12q24.11c
+	5q12.3b
-	17q21.31b
+	Xp11.23c
-	18q23d
+	2p25.1b
-	Xp11.23c
-	8p23.1e
-	22q11.22b
-	1p36.21d
+	1p36.21d
-	12p13.2b
-	12p13.2b
-	15q26.1c
+	1q23.1a
-	11q14.1d
+	6q21c
-	11q24.3b-q24.3c
-	21q22.3a
-	12q23.3d
-	16q24.3b
+	4q21.21b
-	1p34.1b
-	19p13.13c
-	10q26.11c
+	Xp22.11a
+	11q13.1b
+	1q25.1a
-	2p23.3a
+	2q33.1b
+	5q35.3a
+	1q32.1e
-	6q21b
-	2p21d
-	20q13.13b
-	10q22.1b
-	11q12.1a
+	1q31.1a
-	20q13.33e
-	12q12e
-	3p14.1d
+	6p21.1f
-	12q13.3a
+	6p11.2a

	6p11.2a
-	5p13.1b
+	12q24.23c
-	1q21.1c
+	1p31.1a
-	12q13.12a
-	7q36.1d
+	17q24.2c
-	7p22.3c
+	7q22.3b
+	17q24.2a
+	22q13.1b
+	16p12.1b
+	16p12.1b
+	3p21.1c
+	2p21b
+	14q23.1c
+	3q26.2c
-	10p15.1a
+	19p13.2b
+	1p36.33a
-	14q12d
-	19q13.32b
-	2p22.2b
-	8q11.21a-q11.21b
-	2q31.2b
-	11q13.5b
-	Xp22.33b-p22.33a
+	Yp11.2g
-	6p22.3a
+	2q37.3b
-	16p13.13c
+	19q13.33b
-	4q31.23a-q31.23b
+	21q22.3f
+	11p15.1b
-	14q11.2f
+	1p13.3d
+	16q22.1c
+	12p13.32b
+	20p13a
	1p34.1e
+	2q14.3d
-	17q11.2a

+	20q11.22b
+	1p13.3a
-	3p13d
+	4q13.3a
-	4p15.32d
-	3q11.2a
-	20p13c
+	8p12a
-	14q24.3b
+	10p13d
-	11q12.2a
+	1q21.2b
+	19q13.42a
+	1p32.3d
+	1p13.3c
+	9q32c
+	6p25.2a
+	20q13.33e
-	17p13.3e
+	12q13.12b
+	Xq22.3b
+	Xp22.2
-	17q25.1d
+	17p11.2e
+	11q24.2c
+	17q22d
+	19q13.33b
+	12q13.13e
+	16p11.2c
-	17q21.32b
+	5q23.1d
+	20q13.33e
+	19q13.2c
+	13q21.1d
+	13q21.1d
-	19p13.3b
+	6p21.33b
-	12p13.2b
+	22q13.31b
+	5q35.3a
+	7q36.3a
+	5q23.2f
+	19q13.33b
+	11p13d

-	6p21.32b
+	16p11.2d
-	3p25.3c
+	9q34.11d
-	4q26e
+	16p13.3d
+	6q14.2a
-	21q21.1d
+	1q21.2d
+	Yq11.223c
-	10q22.1e
-	4p16.1e
+	8q24.3e
-	17q25.3b
+	19q13.32c
+	22q13.1a
-	2q24.1d
-	10q24.32b
-	8p22a
+	2q13d
+	1q42.13a
+	19q13.12a
-	19q13.31a
-	19q13.31a
-	9p22.3b
+	22q11.1d
+	16q22.1b
-	11p15.2b
-	7p14.1a
+	14q23.1b
+	15q25.1a
-	1p13.3b
+	14q13.2a-q13.2b
-	20q13.33c
+	18q11.2d
-	16q22.1b
-	1p34.3e
+	17q12c
+	1q21.3a
-	14q11.2f
+	17p13.2c
-	9q33.3a
-	6p21.32a
+	6p21.32a

+	14q32.11a
+	7q22.1g
-	11p11.2b
-	17q21.31a
+	19q13.2b
+	17q23.3b
+	14q22.1d
+	2q37.1b
-	Xq22.3c
+	17q11.2e
	17q24.2b
+	2q24.2c
+	3q27.1b
+	17q12c-q21.1a
+	1q21.2d
-	9q33.2a
-	3p14.1d
+	16q22.3c
+	19q13.2a
+	12q24.31b
+	14q12a
-	14q12a
+	17q21.31a
+	20p13e
-	21q22.2a
+	18p11.21d
-	7p22.3b-p22.3a
+	6p25.2a
+	6p21.33a
-	6p21.33a
-	13q12.11a
-	7p11.2b
-	1p13.3b
+	10q26.13b
+	15q24.3a
-	18q21.1a
-	1p35.3b
-	9q21.11b
+	19p13.3i
+	1p21.3b
-	7q22.1b
+	5q13.2b-q13.2c
+	2p11.2f
-	9q22.32b

+	6p21.1d
+	8q22.1d
+	11p15.5d
+	10q23.31a
+	10p12.2a
+	9q34.3e
+	5p13.1b
-	9q34.11d
-	9q34.11a
-	12q13.3a
+	1p31.1e
-	20q13.13d
-	9q31.3b
+	9q33.2b
-	19q13.33b
+	2q33.3d
-	8q24.3c
+	8p21.2a
+	6p21.1d
-	12q12f
+	2q37.1b
+	12p13.31d
+	19q13.33b
	1p35.2a
	8q24.3d
-	10p12.33c
+	15q22.31b
-	3q21.1b-q21.1c
+	11p11.2b
+	20q13.13e-q13.13f
+	12q24.13a
+	7q11.23g
+	2q21.1b
-	18p11.21d
	10q11.22c
-	14q31.3d
-	1p13.2b
-	9q31.3a
+	2q14.2c
+	12p13.31d
-	1q32.1c
	15q24.2a
+	20p13c
+	1q31.3d

-	11q13.1f
+	10q26.2c-q26.2d
+	1p34.2a
+	3p14.2b
-	19q13.42b
+	11p11.2a
+	12p12.3e
+	1p35.3a
+	1q32.1c-q32.1d
-	17q21.31a
-	9q34.11a
-	17q23.1a
+	11q23.1c
+	5q33.3d
-	21q22.3d-q22.3e
-	8q13.1b
-	8q24.3g
-	1p35.2a
-	2p24.1c
+	5q31.3a
-	7p13c
+	12q24.33c
-	2p16.1a
-	11q24.2b
-	7q22.2a-q22.2b
-	12q12f
+	1p36.33a
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+	7q22.1c
+	19q13.32a
+	3q13.13d
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+	12q23.3d
+	21q22.3d
	10q26.3e
-	5q33.3d
+	10q26.3e
-	2p25.3e
+	3p14.3a
	12q24.33d
-	8q21.11d
-	20q11.22a
-	12q24.31a
-	16p11.2c

-	17q25.3g
-	1q42.12c
-	8q24.3g
+	3q28d
+	20p11.21a
-	14q22.1c
-	15q21.3c
-	1q21.3e
+	1q23.1g
+	12p12.1e
-	12p13.31a
-	3p21.31d
-	4p15.32b
	6q26c
+	2p22.2a
+	19q13.32a
+	16p11.2d
-	4q27c
-	3p21.31d
-	17q25.1d
+	6q21c
+	1q25.2c
-	9q34.3d
+	19p13.2b
+	3q13.31a
	8p21.3a
+	2q21.3b
-	12q13.3b
+	2p23.3b
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+	18p11.22c
-	1q21.3d
-	14q23.3a
-	2q37.3b
-	2p14c
+	11q13.1e
-	
-	13q34a

+	12q21.1a
+	20q13.32a
-	6p12.1a
-	5q35.3a
+	1q22c
+	16p13.3d
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-	Xq28h
-	19p13.11c
-	1p32.3e
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-	19p13.2b
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+	1p35.3b
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+	1q42.13d
	19q13.2b
+	3p24.3c
+	12q13.2c
-	17q21.2b
-	11q13.4b
-	3q22.1e
+	3q21.3c
-	1q32.1g
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+	15q22.2b
+	Xp22.2
-	19q13.2c
+	17p13.2b
-	16p11.2e
+	9q33.3a
+	9q33.2b
+	1q25.1a-q25.1b

+	7q11.21e
-	14q12a
+	1p31.1g
+	2q14.1a
-	22q13.33b
-	3q13.33b
-	22q12.3d
-	7q22.1d
+	7p22.1b
-	22q13.1a
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-	12q13.13a
-	5p13.2d
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-	3p25.3d
-	8q24.11a
+	19p13.13c
+	9q31.2b
+	15q15.1b
+	12p13.32a
-	2p24.2b
+	17q22d
-	17q12a
-	8q22.1b
+	1p34.1a-p33d
+	3p21.2a
+	11q13.1f
-	7p22.1d
+	20q13.31a
-	6q25.1a
-	6q25.1b
-	3p25.1d
+	11p12d
+	1q22a
-	14q32.31c
+	17p11.2g
-	Xp22.13d
+	7p14.1d
+	2q14.2d
+	18p11.22b
-	14q13.2b
+	20q11.23c
+	9q33.3b
+	1q25.2b

+	20q11.22a
+	2q37.3b
+	17q21.31a
+	7p13c
+	12q24.33b
+	22q11.21d
-	16q22.1b
+	2q13a
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-	9p24.1c
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	5q13.3c
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+	13q32.1c
-	Xq26.2a
-	9q34.13a
+	4q32.1e-q32.1f
-	7p15.3c
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+	17q21.1d-q21.2a
+	17q21.2a
+	11q12.3b
+	5q35.1a
-	6q15a
+	5q14.3d
+	3q23c
-	7q22.1f
-	12q24.13b
-	19p13.12a
-	17p11.2g
+	22q12.3c
-	4q21.21c-q21.22a
-	15q14d
-	11q13.1b
+	2p22.3d
-	19q13.33a
-	22q12.2a
+	17q12b
+	13q12.2a
+	4q12a
-	3p21.31b

-	20p13a
+	12q14.2b
+	10q11.21c
+	1q32.1h
-	4q13.3d
+	11p15.5d
-	19p13.2c
+	1p31.3b
-	18q21.32a
-	19p13.3e
+	13q14.2b
-	8q11.23b
+	7p22.1d
+	1p35.1b
-	1q32.1f-q32.1g
+	16p12.1b
-	Xp22.2
+	18q11.2b
-	20p11.23d
	20p13f
+	2p11.2g
-	2p23.2b
-	20q11.23b
+	16q12.2a
+	Xp11.3a
+	21q11.2c
-	20q11.22b
-	8q22.1b
+	11q13.1e
+	1p13.3a
+	3p21.2c
+	6q25.2c
+	10p15.1a
-	9q33.2b
	12q24.13b-q24.21a
	10q25.2a
-	5q33.1c
-	14q11.2f
+	6p22.3e
+	14q24.2b
-	13q31.1a
+	5q32d
-	7q32.1a

+	Xp11.23d
+	7q36.3a
-	1q42.3b
+	20q13.31a
-	20q11.22b
+	11q13.1e
-	Xq22.3b
+	19q13.12a
+	2q31.2b
-	4p14a
-	11q13.1e
+	3p21.31c
+	3p21.31c
+	11q23.2b
+	1q21.1b
-	22q12.3c-q12.3d
-	2q24.2b
+	12q13.3a
	12q22c
-	Xq26.3c
+	Xq25h
-	Yq11.223b
+	Yq11.223b
-	Yp11.2b
-	10q23.33b
-	12p13.31d
+	1p36.22d
+	4p15.2b
-	15q22.31b
+	22q13.2a
-	9q33.2b
-	6q12d
-	21q22.12a
-	6p12.3e
+	1p36.11d
-	13q14.3a
-	13q14.2b-q14.2c
+	1p35.3b
-	1p36.13d
+	15q26.1c
+	11q13.1e
-	4q21.1a
+	9p24.1c
+	19q13.33b

+	14q32.31c-q32.32a
-	11q13.1a
+	1q32.2c-q32.3a
+	7q11.21e
+	1q24.2a
-	6p21.32b
+	8q21.11a
-	14q24.1a
-	19q13.42b
+	12q13.2b
+	19p13.2c
-	17q12b
-	11q22.3d
+	14q12a
+	9p13.3a
-	12p12.1e
-	8q24.3h
-	17q25.1c
-	2p11.2f
+	5q31.2c
+	10q21.3a
-	8p21.3a
-	5q22.2a
+	19p13.3h
+	2p16.1a
-	11q13.1d
+	19q13.32a
-	4p14e-p14d
+	5q31.3c
+	14q11.2f
-	Xq28f
+	12p11.22b
+	7q36.1c
+	Xp22.2
+	1p36.32c
-	1p36.23a
-	12p12.3e
-	12p12.3b
-	2p11.2g
-	2q11.2c
-	6q21h
-	19p13.3h
+	11q23.2b
-	9q34.2a

-	4p14c
-	7q11.23b
+	13q13.2a
-	3q27.3a
+	12q24.23a
+	5q15c
-	17q12a
-	17q25.3g
-	6p22.1a
-	22q12.3a
-	22q12.3a
	19q13.42c
-	3p21.1c
-	3p24.3e-p24.3d
-	1q25.1b-q25.2a
-	16q22.3c
-	19p13.12c
-	19p13.3b
-	9p24.2b-p24.2a
-	1q21.2d
-	15q21.3c
+	19p13.11b
	15q21.3c
-	4q23b
+	9p13.2a
-	Xq13.1d
+	1q25.3e
-	6p21.32a
+	22q11.23a
-	15q26.1e
+	5q21.1a
+	1q31.2b
-	10q26.11d
-	16p13.3f
+	1q31.2b
+	5q35.3a
-	1q25.3c
-	6q25.2a
+	1q31.2a
-	20q13.33e
+	1q31.2b
-	8q22.2b
+	1q23.3c
+	19q13.11a

+	2q36.3b
+	7q11.23e
-	22q12.2a
-	16p13.3f
-	17q25.1d
+	16p13.3f
-	1p34.3a
+	17q11.2d
-	1p36.11c
-	12q13.12b
-	3p21.31d
+	2p24.1c
+	8p21.3a
+	5q15c-q15d
-	1p13.2c
+	11q13.1f
-	12q24.31b
-	11p15.4d
+	4p14b
+	2p21a
+	17q11.2d
+	16p13.3f
-	15q15.1b
-	Xq24c
+	8q24.3f
-	19q13.11a-q13.11b
+	11p15.5d
+	12q23.3c
+	17p12c
-	11q24.3a-q24.3b
+	2q23.3b-q23.3c
-	12q24.31d
-	12q24.31d
+	12p13.31b
+	8q22.3c-q22.3d
-	1p34.2c
+	20p11.23b
+	6p21.32a
-	19q13.2a
+	7q22.2b
+	6p24.3c
-	5q15e
+	18q11.2b
+	6p25.2b

+	8q21.3d
-	14q12a
-	21q22.3a
-	1q32.1g
	1p34.2d
-	9p24.1c
-	9p24.1c
+	19p13.12c
+	16q22.1b
+	9q21.32c
-	6q25.1c
+	2p11.2e
+	5q35.3b
-	9p13.3a
-	
+	6p12.1d
+	14q11.2b
+	14q11.2c
+	14q11.2b
-	14q11.2b
-	2p25.3b
+	19p13.13c
+	13q14.3b
-	11q13.1d
+	17p13.1d
-	1q25.3c
	5p13.3c
-	6q27c
-	12q13.12a
+	17q21.31a
+	12q24.31a
-	2p11.2e
+	1p32.3e
+	15q22.1b-q22.2a
+	20q13.13d
+	1q21.1b
+	11q13.4a
-	8p12c
+	3p21.31c
+	18q12.1e
-	19p13.3j
+	3q25.1a
-	5q35.3e
-	7q31.32a

+	17q11.2c
+	18q12.1e
+	5q31.3c
-	11p15.4a
+	6p22.3d
-	5q33.3c
+	6q22.33a
-	2q11.2e
-	4q31.21a
-	18q21.33a
-	21q21.3c
+	17p13.2b
-	8p11.21a
-	4q31.3d
+	5q12.2a
+	2p11.2f
+	6p23b
-	9q32c
+	1q42.13c
-	8q22.2b
-	1p35.1b
+	9q31.1b
-	9q34.3f
+	17q25.3e
-	22q12.2b
-	7p22.1c
+	7p22.1d
+	1p34.1e-p34.1d
-	20p13b
-	2q35e
+	11q23.3e-q23.3f
+	14q12a
+	12q24.31b
-	9p13.2b
+	4p16.3a
+	16p11.2c
-	12q13.2c
-	17q22d
-	5q35.2d
+	6p21.32b
-	8p11.23c
+	3q23c
+	6p21.2c
-	17q23.1a

+	12q24.22a
-	6q15c
-	11p15.5d
+	18p11.21c
+	17p13.3f
-	20q11.22b
+	1q32.1c
+	2q37.3e
-	16p13.3d
+	
+	
+	
+	
+	Xp11.3a
-	
-	
-	
-	
-	
-	
-	12q24.31a
+	
+	15q22.31b
-	
-	
-	22q13.1d
-	
+	
+	7q36.1a
	1q22c
+	11q24.2a
-	11q24.2a
-	2p25.1b
-	9q32a
-	16p13.3b
+	11q12.3a
+	20q11.22b
+	5p15.2c
+	1p31.3c
+	8q12.1a
+	10q24.32a
+	Xp11.3a

-	20p12.3c
+	17p13.3d
-	1p35.3b
-	7p21.3e
+	17p13.2b
-	15q15.1c
+	1p22.1d
-	12q13.11b
+	1p22.3f
+	6q21h
-	Xp11.4e
+	14q11.2c
-	17p13.3g
+	2p11.2c
-	14q21.3c
-	9q33.3b
+	16q24.3b
+	19q13.33b
+	3p22.1c
+	3p24.2b
-	18q21.1f
+	13q12.2a
-	1p36.31b
-	3q26.2c
+	17q11.2a
-	8p23.3b
+	5q35.2a
+	19q13.42b
-	3p21.1e
-	22q13.1d
-	8q22.2a
-	1q23.3b
-	3p25.1d
+	4q25b
+	19p13.3b
+	Xq22.1c
-	5p13.1b
+	2q35c
-	Xq24c
-	3q27.3b
-	16p13.3e
-	15q22.31c
+	1p22.1c
-	8q24.3h

-	4p14b
-	3q21.3c
+	3p14.3a
-	15q24.1b
+	10p13c
-	6p25.1c
-	14q11.2b
+	1p34.3d
-	18q12.2a
+	20q11.23c
+	1q21.2b
-	2q23.3e
-	17q21.32a
+	9q22.1a
+	19q13.33b
+	6q23.2b
-	16p12.3b
+	6p21.32a
-	22q13.1d
-	16p13.3e
+	20q13.33c
-	5q14.2a
-	8q21.3f
-	14q22.1a
-	Xq13.1e
+	Yp11.31a
+	Yq11.223a
+	19q13.43c
+	1p36.11b
+	11q13.1b
-	14q32.11a-q32.12a
+	17q23.1a
+	11q13.1f
+	1q32.3c-q32.3d
-	14q24.3b
	12p13.1b
+	2p25.3b
+	3p22.1c
+	17q25.3e
-	16p13.3f
+	15q15.1b
-	3p25.3c
-	11q24.2c
+	2q35e

-	16q22.1a
+	9p22.1b
+	Xp11.21a
-	1p34.3a
-	6q15c
-	19q13.33b
-	11p15.2b
-	20p12.1a
+	6p24.3c
+	11p15.4d
+	2p25.1d
-	8q22.3b
-	16p13.11b
+	16p11.2d
+	21q22.3c
-	10q24.1b
+	1q41c
+	21q22.3c
-	22q13.2b
-	11p15.4c
-	3p21.1e
+	8q13.1b
+	17q21.33b
+	2p25.2a
-	1p13.2b
+	7q11.23g
+	1p36.21a
-	11q14.1a
-	19q13.32a
+	6q22.1d
-	16p13.13b
-	15q21.3b
-	21q22.3b
-	6q25.3e
+	16q13c
+	3q25.32b
-	12q24.31c
-	10p13a
-	19p13.13c
+	1p21.2a
-	22q11.22b-q11.23a
+	20q13.33e
+	15q15.1c
-	2p13.1b

-	19q13.32a
+	11q13.1a
-	2p16.1d
-	6q21c
+	11q12.1a
-	3q27.3c
+	3q27.3b
-	18q22.2a-q22.2b
+	5q35.3d
+	4q13.3b
+	17q21.31a
+	16p13.13a
+	16p12.2b-p12.2a
+	17q21.31c
+	7q21.12a-q21.12b
-	8q21.3f
+	6p12.3f
-	1p36.11c
+	1q22a
	3q21.3b
+	19q13.33a
+	6q22.1d
+	6q14.2a
-	21q21.3c
+	1p21.3d
-	4q35.1c
+	5p13.3a
+	9q34.2b
-	3p13c
-	3q22.1e
+	19q13.2a
+	1q43a-q43b
-	1q21.3a
-	1q21.3a
-	1q21.3c
-	1q21.3c
-	1q21.3c
+	1q21.3c
+	1q21.3c
+	1p35.1b
+	5q13.3d
+	1p21.2a
-	19p13.2c
+	19p13.3f

-	19p13.2b
-	11p15.1d
+	11q13.1c
+	3p21.31j
-	13q12.12a
+	19q13.32b
+	19p13.3b
-	19p13.3b
-	14q11.2d
+	18q23c
-	19p13.12c
-	20q13.33e
+	1p36.33b
+	1p31.1a
-	17q21.33a
+	14q22.2b
+	19q13.2a
	9q22.33c
+	3q26.2b
+	10q22.2c
-	7q21.2b
-	7q21.2b-q21.3a
-	20q11.23a-q11.23b
+	22q13.31a
-	21q11.2d
-	2q14.3e
+	13q12.11b
+	4q34.1c
+	17q25.1c
+	5q33.2b
-	19q13.42b
+	11q13.2b
-	10q22.1a
-	5q31.1e
+	17q11.2a
+	1p13.3b
-	19q13.2a
-	12q23.3d
+	Xq25h
-	1p21.2a
+	Xp22.11a
-	17p13.1d
-	3p24.3c
-	2q33.1c-q33.1d

-	14q22.1b
-	7q11.21e
+	7q11.23a
-	22q13.33b
-	11p15.4a
-	12q24.31d
-	19p13.3i
+	4q32.3b
+	11q23.3h
-	17q21.2b
+	5q14.1b
+	15q24.1b-q24.2a
-	6p22.1b
-	3p21.31g
-	15q24.3a
-	8p21.1e-p21.1d
-	12q24.31f
-	4q21.1a
+	
-	12p13.31d
-	12p13.31d
-	
-	
+	17q25.2b
+	18q21.1f
-	5q14.2c
+	1p13.3b
-	17q23.2a
+	17p13.1d
+	4p16.3b
+	Xp22.11a
-	1q22c
+	2q37.1d
+	2q37.1d
-	3q26.1a
-	9p22.1b
+	11q21a
-	
+	1q44d
+	10q24.31a
-	4q21.22a
+	13q22.3b
-	4q12a-q12b
-	2q36.1d

+	15q21.2b
+	15q13.3c
+	11q12.3a
-	11q12.3a
+	11q12.3a
-	4q28.2b
+	2q37.3b
-	1p34.2c
+	Xp22.13d
-	Xp22.13c
-	2q24.3d
+	19q13.11c
+	2q24.3c
-	11q23.3d
-	2q24.3c
-	17q23.3b
	3p22.2a
+	1q21.2d
+	1p36.33a
+	16p12.1c
-	17p13.1a
-	22q13.33b
+	4q31.1f
+	17q22c
-	8q24.3g
-	7p15.1b
+	8q24.3g
+	8q24.3g
+	11q13.1c
+	1q24.2c
+	12q23.1d
-	1q24.2c
-	4q21.1a
-	2p24.1d
-	20q13.12b
+	8q12.1c
+	5q12.3a
-	9q34.3d
-	18q21.32b
+	1q43f-q44a
-	17q11.2a
+	22q11.21f
-	1p36.33b-p36.33a
+	5p15.33e

+	19q13.12a
	3q29f
+	
-	1p36.13e
+	1q23.3a
+	11q23.1c
-	16q23.3a
-	12q13.3a
-	12q24.13b
+	12q24.13b
+	19q13.33a
-	15q25.3a
+	18q21.32a
-	3p25.3b
+	17q25.2b
+	16p13.3b
	2p13.3a-p13.2b
-	9q34.3d
+	3q21.1b
+	1q21.1b
-	3p22.1a
-	14q21.1b
+	20p11.23d
+	10q26.11d
+	5q31.1e
	4q25c
+	10q22.2a
-	4q26f
-	4q21.22a
+	3q21.3b
+	10p14a
+	9q22.33c
-	7p11.2c
+	3q26.2b
-	6q21d
+	9q22.2a
-	15q21.1d
+	18p11.21d
-	14q31.1c
-	4p15.2c
-	1q24.2c
+	2p23.3b
-	3p21.1a
-	1q24.2c

-	22q12.2c
+	22q13.33b
-	15q26.3d
+	3q25.1b
-	7q21.11e
+	3p21.31c-p21.31b
+	1q22c
+	15q26.1b
-	2q11.2a
-	9q22.2a
+	2p13.1a
-	3q21.1b
-	5q23.1a
-	19p13.3d
-	1q21.2d
-	15q24.1b
-	12q13.11c
+	3q27.2b
+	17p13.1d
+	3q29g
+	6q14.1a
-	3q12.3a
-	10p13d
-	16p11.2c
+	1p36.11b
-	5p12c
-	4p15.2c
+	19q13.32c
-	16p13.3e
-	6q25.3d
-	1p31.3a
+	5q13.2b
+	5q13.2a
+	15q15.3b
-	11p15.1d
	22q13.2b
+	22q13.2b
-	6q22.31c
+	1p35.2a
-	20q13.12a
-	15q15.3b
-	3q25.1b
+	13q14.11e
-	14q32.13a

-	14q32.13a
-	14q32.13a
-	14q32.13a
+	14q32.13a-q32.13b
-	14q32.13a
-	6p25.2b
+	18q21.33b
+	18q21.33b
+	18q21.33b
+	18q21.33b
+	18q21.33b-q22.1a
-	6p25.2b
+	7q22.1d
-	2q36.1d
+	17p13.3d
+	3q26.1f
-	19q13.2b
-	2p14c
-	19q13.2b
-	6q21f
+	1p35.3b
-	11q21c
-	2q31.2c
+	9q34.11b
+	18q12.3e-q12.3f
+	16p11.2c
+	12q24.31b
-	3p21.31h-p21.31g
-	14q32.2b
-	21q22.12b
+	16q21a
-	4q31.1d
+	12q24.31d
+	1q21.2c-q21.2d
+	13q14.3a
+	3p26.2b
-	9q34.13b
	16p11.2d
-	11q13.1b
-	22q12.2b
-	1p34.3b
-	2q33.1a
-	2p23.3d
+	11q13.1d

+	16q22.1f
-	1q21.2a
-	6q24.2b
-	19p13.11a
+	22q12.2c
-	3p21.1c
+	1p36.11a
-	1p34.3e
-	4q31.3d
-	17q22d
-	3q27.2b
+	5q12.3b
-	5q12.3a
-	1p36.11d
-	6q15c
-	19p13.11b
+	19q13.32a
+	"Xp22.33d,Yp11.32a"
-	6q16.3a
-	17q25.2a
+	11q21b
-	12q12h-q13.11a
+	6p21.31a
-	1p35.3a
+	14q24.2a
+	20q13.11b
-	2p22.1c
+	12q24.33c
-	12q24.31a
-	6q27c
+	1q24.2a
+	2q14.3e
+	10q22.3e
-	10q22.3f
+	5q35.2c
+	10q24.32b
+	10q24.31a
-	10q26.11c
-	2p13.2b
+	17q21.33a
-	7q21.3b
+	3q25.2b-q25.2c
+	1p31.3a
-	6q23.2d

-	6q23.2d
+	8p11.21a
+	8q13.1b
-	10q11.23b
+	4q25b
-	3p24.3b
+	2q33.1e
+	10q22.1c
-	14q23.2b
+	2q36.1b-q36.1c
-	17q25.3d
+	22q11.23c
-	19p13.3g
+	16p11.2e
+	7q22.1e
+	12q24.12a
+	Xq25c
-	1q23.1a
-	19p13.3a
-	9q34.11a
+	8p21.3c
	1p36.12b
+	21q22.2b
+	Xq21.1c
+	6q14.1c
+	1p36.11b
+	22q13.1a
+	2q37.2a
-	1q44f
-	19p13.3d
+	9p22.2a
+	1p22.3c-p22.3b
-	9q34.11c
-	Xp22.12b
-	10q24.33a
+	4p16.1d
-	2p25.3g
+	22q13.33b
-	8q24.3g
-	9p13.2a-p13.1b
+	17p13.1d
-	1q21.3e
-	15q21.1d
-	16q11.2i

+	19p13.3d
-	1q21.3e
-	7q21.3c
-	13q12.13b
+	4p13c
-	3p21.31e
+	19q13.2b
-	17p11.2f
+	12q13.3b
+	10q25.2a
-	3q25.32b
-	17p13.3a
-	6q24.3a
-	3p13c
+	4q21.1b
-	5q31.1c
+	Xp22.2
-	Xp11.22c
-	16q12.1b
-	3q25.1b
+	3q13.2b
+	11q23.3b
-	19q13.33d
-	19q13.33d-q13.33e
+	19q13.33d
-	9p13.3c
-	21q22.3c
+	11q23.1b
-	11q23.3b
-	1p13.2a
-	5q31.2d
-	12q13.2c
-	15q24.2a
+	19p13.11e
+	14q21.1b
+	11q13.1d
+	14q24.2a-q24.2b
-	1q42.2b
+	20p13d
+	10q21.3d
-	19q13.2a
+	12q24.31a
+	6p23b
-	17q25.3g

-	9p13.3a
+	14q32.33b
+	14q32.33b
-	14q23.1c
-	2p21c
-	14q23.1c
-	19q13.32a
+	14q23.1c
+	18q21.1g
-	17q22d
-	17q21.32b-q21.32c
-	7p15.2b
	11q22.3d
+	1p36.33a
+	3q26.2c
-	17p13.3e
+	6p21.32b
+	5q11.2d-q11.2e
-	5q31.1d
+	5p13.2c
-	8q24.22c
-	20q11.23a
+	13q22.3b
+	4p12a
-	1q23.3a
-	1q23.2d
+	1q23.3a
-	1q23.2c
-	4p16.3b
-	Xq28g
-	4q31.22b
-	12q13.13b
+	5q23.3a
-	16q22.1b
-	15q14a
-	3q21.2b
+	7q22.1c
-	7q31.32b
+	17q11.2a
-	7q33c
+	3q13.33c
-	11q12.2a
-	12q24.32c
-	1p13.2c

+	6q21h
-	10q23.31b-q23.31c
+	17q25.3g
-	17q24.2c
+	6p22.2a
-	19q13.33b
+	20q13.33d
-	8p21.3c
-	21q22.3e
+	9p24.2a
+	2p14c
-	19q13.32b
+	2q13d
-	8p11.21a
+	6q25.3f
-	14q11.2f
+	11p15.4d
+	11q13.1c
+	5q31.1b
+	5q31.1b
+	11q12.3b
-	5q31.2d
-	2q35f
+	15q22.31b
-	9p22.1a
+	14q32.12b
-	12q24.13b
-	22q11.21b
+	17q25.3f
-	17p13.2b
-	2q31.1d
-	7q21.3c
+	Xq25h
+	13q14.11a
-	22q13.2a
+	22q11.21a
-	17q25.1c
	3p21.31e
-	11p15.5c
-	19p13.3a
-	1p13.3c
+	9q34.11a
+	3p14.1c
+	6p12.3e

-	10q24.2c
-	14q32.2b
+	12q23.1c
+	1p36.21a
-	17p13.1c
+	3q23b
+	8p21.2d
+	3p22.1c
-	17q21.31c
+	4q35.1e
-	7q21.12b
-	19p13.3a
+	19p13.11b
+	Xq24c
+	1q22d
+	5q22.1a
+	Xq24c
-	"Xp22.33d,Yp11.32a"
+	5q33.1c
-	3p21.31e
+	19p13.11d
+	15q21.2a
-	19q13.43c
+	6p21.1b
-	11q13.1e
+	10q22.1d
+	7p22.1c
-	1p34.2a
+	22q11.23a
-	6q23.2d
-	12p13.31c
-	12p13.31c
+	20q13.33e
-	1p36.23a
-	9q34.2a
+	9q33.3b
-	1q32.3a
-	2p23.3a
+	5q13.2a
+	1p21.2a
+	4p13d
+	9q32c
+	9q32b
-	3q25.31a

+	6q15a
-	Xp11.23c
+	1p21.2a
+	5q31.3b
+	3q13.2a
-	17q21.33a
-	6p21.1b
-	6p24.3b
-	7q33a-q33b
+	11p11.2c
-	20q13.12c
-	1p31.3a
-	19p13.11f
+	12q15b
+	22q12.2b
+	6q22.2b-q22.31a
-	11q22.3c
-	2q14.1a
+	5q33.1d
-	11q21a
+	21q22.3b
-	7q34c
-	11q23.3e
-	12q13.11a
-	17q25.3f
-	12q13.11a
-	Xp11.23d
+	14q23.1c
-	16q21a
-	5q11.2e
-	1q21.3d
+	2q32.3e
-	17q24.3c-q25.1a
+	10p12.33b
+	8p21.3a
-	19p13.3g
-	8q24.3h
+	12q13.2c
-	4q24a
+	14q24.1e
+	11q12.3b
-	2q32.2a
-	1q32.1g
-	12q23.3b

-	3q21.2c
-	11q12.1a
-	17p13.3e
-	11q12.1a
+	9q31.1d
+	19p13.2b
+	1p21.3d
-	6p21.32b
-	5p13.3a
-	1q32.1g
-	8q24.3c
-	17q11.2a
-	13q12.3a
+	12q13.11b
-	17q21.31c
-	20p13c
+	2p23.2b
+	7q36.1d
-	2p13.1b
-	3p24.1d
+	12q13.13c
+	17p11.2e
+	21q22.11c
-	2p23.3a
+	1p33c
-	16p11.2b
-	12p13.33d
-	19q13.33a
+	5p15.33d
+	3p25.1a
+	Xq28f
-	1p34.1f
-	13q12.3b
-	Xq13.1c
-	22q11.21e
-	16q24.2b
-	16p11.2d
+	16q22.1c
-	16q22.1c
-	14q11.2e-q11.2f
-	19q13.11a
-	19q13.32c
-	1p36.11a
-	3q13.2a

+	17q25.1b
+	16q22.1a
+	Xq26.3b
-	Xp11.3a
+	20q13.13d
-	3q24a
+	11q13.4c
+	15q26.1d
+	20q13.33d
-	5q21.1d
-	17q12a
-	17q12a
+	17q12a
+	10q25.1a
+	3p14.3a
+	18p11.21e-p11.21d
-	20q13.32b
-	11q22.3c
-	15q22.1b
-	5q33.3d
	5q13.2a
-	5q13.2a
-	18q21.1c
+	15q22.33b-q22.33c
+	18q21.2a
+	5q31.2a
+	15q22.31c
-	18q21.1e
-	12q13.13b
+	6q13a
+	1p34.2d
-	Xq25g
+	9p24.3a
+	19p13.2b
+	4q31.21c
+	4q22.2b-q22.3a
+	2q35c
+	22q11.23a
-	3p21.31g-p21.31f
-	12q13.2c
+	12q13.13a
-	17q23.3b
-	7q36.1d
-	17q21.2a

-	Xp11.22a
+	9q31.1d
+	3q26.1a
-	2p24.2b
+	18p11.32a
+	1q21.3c
-	17p11.2g
+	22q13.1d
-	14q32.12a
-	2p16.1d
-	16p12.3b
-	1q22d
-	17p13.3d-p13.3c
+	1q25.3e
+	5q13.2b
+	5q13.2a
-	10q25.2a
+	7q32.1a
+	20p13b
+	11p15.4c
+	6q21f
-	16q22.1c
-	2q21.1b
+	6q22.31c-q22.31d
+	1p35.3b
+	4q13.3a
+	Xp22.11b
+	22q12.2c
+	17p13.2c
-	9p13.3e
-	12q13.13f
	1q41a
-	1q44c-q44d
-	17p13.3d
+	2p13.2a
+	20q13.13d
-	8q11.21c
-	16q24.3a
+	15q15.1d
+	22q11.21e
+	1q42.13b
+	14q23.2a
+	19p13.2e
+	9p22.3b

-	9q34.3d
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+	1q21.3d
+	5q23.2a
-	5q35.2d
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-	17q21.32c
-	11q12.3b
-	14q32.13b
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+	
+	1p35.3b
-	6q14.3c
-	8q13.1b
-	
	3p21.1d
+	16p13.3e
-	1p34.3c
+	16p13.13b
-	11q21a
-	16p13.3e
+	
-	10q24.2c
+	5q22.2a
+	7q11.23e
-	1q42.3b
-	1p35.3b
-	
-	11q21a
-	6q25.3f
-	17q12c
+	7q11.21d
+	11p15.4a
+	4q26e
-	11q21a
+	4q12a
+	13q12.2a
+	14q32.32b
-	12q13.11c
-	12q13.11c
+	11p15.4b
+	16p11.2c
-	13q14.12a

-	11q21a
+	6q23.2b
-	12q13.11c
+	6p21.33a
+	17q24.2b
+	3q27.3a
-	11q21a
+	2q33.3b
-	1q22c
-	9q34.3e
+	11p15.4b
-	5q14.1a
+	17p13.1d
+	12q24.33c
+	20p13c
+	11p15.5c
-	11p15.4d
-	1p34.2d
+	Xq28g
+	
-	3q22.1b
+	
+	17p11.2d
-	7p13c
-	7p13c
+	3p22.1c
+	20q11.23c
-	1p35.3b
+	3p22.1c
+	3q27.3a
-	16p13.3e
-	9q33.3b
+	1p22.1c
+	17p13.1d
+	19p13.11d
+	Xq28g
-	2p15d
	9q33.1b
-	20q11.23c
-	20q11.23c
-	8q22.2a
+	1p35.3b
+	
+	5q31.2d

+	5q35.2a
-	2q37.1b
+	17q23.3b
+	1q32.1e
+	16p13.3e
-	14q31.1c
-	
-	3q21.3d
-	11q21a
-	21q22.11b
+	3q27.3a
-	9q22.31a
-	7p13c
+	17p13.1d
+	6q23.2b
+	6q23.2b
+	13q12.2a
-	
+	
+	
+	15q11.2e
+	15q11.2e
+	15q11.2e
+	2q33.1g
+	20p13c
+	16q22.1f
+	14q32.31a
+	14q32.31a
+	14q32.31a
+	14q32.31a
+	14q32.31a
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-	20p13d
+	20q13.13c
-	9p13.3d
-	22q12.2a
-	14q11.2b
+	
+	
+	8p12c
-	11p15.1e
-	11p15.1e
+	11q13.4c
-	15q22.31c

-	20p11.23d
-	15q22.31c
-	15q22.31c
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+	
+	
+	3q27.3a
+	1p22.1c
+	9q34.2a
-	11q12.3b
-	11q12.3b
-	11q12.3b
-	11q12.3b
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+	6p22.1a
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+	19q13.33b
+	9q34.2a
+	9q34.2a
-	19p13.3e
+	1p34.1d
+	1p34.1d
+	
-	
-	
-	19p13.13c
+	17q11.2a
-	22q13.1d
+	1p34.1d
-	1q25.1a
+	6p21.32b
+	17p11.2i
+	17q11.2a
+	17q11.2a
-	11q21a
-	6q14.3c
+	2q33.3b
+	6p21.32b
-	8q12.1b
+	1p34.1d
+	20p13c
+	20p13c

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-	11q21a
+	
-	5q31.2c
+	17p11.2i
+	3q27.1b
+	16q24.3b
+	3p21.1d
+	17q12a
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-	1q25.1a
-	1q25.1a
-	14q11.2c
-	1q25.1a
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-	19q13.33c
-	19q13.33c
-	2q11.2e
-	17p13.3c
-	17p13.3c
+	2p23.2a
+	
-	5q35.3g
-	5q35.3g
-	
-	1p35.3b
+	20p13e
+	3p22.1a
-	2q11.2a
+	16p13.3f
+	2p14a
+	12q24.31d
-	1p35.2a
+	6p24.3c
+	19q13.33a
+	19q13.33a
+	19q13.2b

-	15q26.3d
-	20p13d
+	20p12.1a
+	6p21.31d
+	18q11.2a
-	19q13.32a
+	22q11.23b
+	1q32.1e
+	12q22d
-	2p14a
+	15q11.2e
-	20q11.21c
-	8q24.12c-q24.12d
+	16q22.1d
-	15q24.2a
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-	14q24.3d
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-	6q14.3c
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-	8q21.13c
+	2p23.3a
-	11q24.3c
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+	5q23.2a
+	4q35.1e-q35.1f
+	19q13.12a
+	1q21.3a
+	16p13.13a-p13.12b
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+	9q32b
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-	3q21.2b
-	20p11.23d
-	7p22.2c
+	6q21d
-	16p13.13c
+	12q22b
-	17q25.3b

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+	2p21a
-	6q25.3f
+	16p13.3f
+	21q22.11c
-	4q35.1f
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	15q21.1a
+	11q24.1a
-	1p13.3b
-	2p22.1c
-	7p21.1c
+	20p13f
-	17p13.1d
-	20q13.33e
+	3q26.33b
+	6p22.3b
-	8p23.1b
+	16p13.3f
+	12q13.13e
+	2q37.1a
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+	2q37.1a
+	2q37.1a
+	17q21.32b
-	2q31.1f
+	7p15.3d
-	17q21.32b
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+	6q15b
+	17q11.2e
+	19q13.33a
+	8q22.2b
+	2q34e-q34f
+	20q11.22b
-	17q11.2a
+	10p12.31a
-	17p13.2b
-	17q21.33b
-	Xq27.3a
-	4q22.1a
+	2p22.3e
+	3p14.3b

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-	20q13.13d
+	17q21.33b
-	16q24.3b
+	2q37.1a
+	15q21.1a
+	14q31.3d
+	12q13.12b-q13.12c
+	2q33.1e
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-	2q24.3f
+	3p21.1d
+	11q13.4c
	4q34.2a
-	20p13b
+	5p13.2c
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	15q22.31b
+	14q22.1b
+	16q24.3b
+	1q42.13d
+	19q13.33a
-	11p11.2b
+	19q13.33c
+	12q23.2a
+	9q22.1b
-	Xp11.1b
-	Xp11.1b
-	Xp11.1b
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+	15q15.1b
+	19q13.2a
-	18p11.21d
+	16q24.3b
+	16p11.2d
+	16p11.2e
+	17p13.2c
+	17p13.2c
-	5q31.2b
-	10q22.1e

+	11p15.2b
+	2q22.1c
+	4q22.1b
+	2q37.1e
-	15q21.2b
+	19p13.3g
-	12q24.31a
+	2p13.2b
+	15q14d
-	2p14c
-	1q21.3c
+	1q21.3c
+	4q28.1a
-	13q31.1b
-	5q31.3d
-	12q13.13e
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+	11q11c
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-	12p13.31d
-	16p13.3e
-	1q23.1f
+	9q34.11b
+	2p16.2a
-	11q13.1e
+	19q13.2b
-	9q22.31a
-	14q24.3d
+	20p12.1e-p12.1d
-	11p15.1c
+	8q24.13d
+	15q21.1a
+	5q35.3e
+	3q23d
-	5q31.3b
-	2p21c-p21b
+	20q11.23b
+	5p15.31c
+	4q12d
-	17p11.2g
+	6p21.1d
+	5q23.1e
+	12q14.2b
+	1q32.1h

+	1q21.1a
-	3p25.3d
+	10q21.3e
-	7q21.12b
-	16p13.3c-p13.3b
-	1p36.22b
-	15q15.1a
+	12p13.31d
+	5q22.2a
+	14q13.2a
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+	4q12e
+	1q42.12c
-	6p21.31b
-	7q22.2a
-	11q24.2c
+	3q22.1e
-	Xp11.4e
+	17p13.3c
+	22q12.1a
+	1p36.11c
+	16p13.3d
+	
-	20p13f
-	18q11.2d
+	20q13.33c
+	3p22.1a
+	2q31.1a
+	7q34e
-	5q14.1f
-	1p32.3b
+	19p13.11c
+	2q31.3b
-	17q11.2b
+	11q13.1f
+	9q34.3e
+	12p12.1a
-	6p24.3c
-	1q22c
-	3q25.31b
+	Xq28f
-	11q12.1a
+	11q13.1c

+	17q25.1a
-	1p36.33a
-	1p22.3f
-	Xp11.23e-p11.23d
-	22q13.2a
+	11q24.3c
-	15q25.1b
-	8q24.22c
-	16q22.1f
+	1p34.1f
+	11q24.2c
-	2p11.2f
+	3q12.1a
+	3q27.3a-q27.3b
-	9q34.11a
-	9q34.11a
+	7q31.2c
-	7q31.2c
+	7q31.2c
-	12p12.1d
+	15q26.1d
+	18q21.31a
-	5q21.1c
-	18q21.1b
+	12q23.3a
-	17q12c
-	12q13.3b
-	3q22.3a
+	Xq25b-q25c
+	7q22.1c
+	7q11.23d
-	7q11.23c
-	7q11.23a
+	7q11.22a
+	10p12.33c
-	2q23.3c
+	2p13.1b
+	10q23.31b
+	4q13.2b
-	11q13.4b
+	17q12c
+	7p14.1e
-	5q22.1b
-	15q25.1b

-	2q11.2a
-	2q32.2b
-	12q13.2c
-	17q21.2b
-	2q32.3a
+	17q21.2b
-	17q21.2b
-	12q13.3b
-	20q13.13c
-	8q21.11a
-	8p21.2d
-	5q35.2a
	7q21.13b
	3p21.31d
-	1p33d
+	11p15.4d
+	4p15.2b
+	11q13.1a
-	5q35.1e
+	19p13.3i
+	2q35f
+	2q35f
-	2q32.3e
+	6p21.32b
-	2q37.3f
-	8q22.2a
+	5q32e
-	11p15.4b
+	20p13d
+	2q35e
-	6p21.31a
+	12p11.23a
-	2q24.3f
+	20q13.12b
-	1p34.3d
-	1p36.11b
+	8q21.13a
-	20q13.33e
-	8p21.2a
-	9q33.2a
-	15q24.1b
-	9p13.3b
+	10q21.3e
-	17q25.3g

-	15q24.1b
-	17q23.3a-q23.3b
+	2q33.1f
+	12p12.3d
-	9q33.2b
-	15q15.3a
-	2p22.2b
-	14q12e
-	19q13.32b
+	Xp22.31e-p22.31d
+	11q24.1b
+	11q24.2b
+	3p23b
+	16p13.3f
+	6q24.2b
+	1p35.3b
+	20q13.32a
+	9q31.1a
-	7q11.23b
-	12q24.33b
+	11q12.1d
+	16p11.2c
-	11q12.3b
-	1q25.3a
-	6q23.2b
-	17p13.1b
+	9q34.11a
+	19p13.2e
+	1p13.3c
+	17q22b
+	6q24.3b
+	3q13.33b-q13.33c
-	14q12a
-	7q11.23e
+	5p13.3b
-	13q14.2b
-	2p11.2h
-	3p14.1c-p14.1b
+	3q25.1c
+	12q24.23a
+	13q14.3d
+	8q13.2c-q13.3a
-	20q13.12c-q13.13a
-	16p11.2e

-	16p11.2e
+	16p11.2d
+	16p11.2d
-	4q13.3a
-	19q13.32c
+	19q13.32c
-	2p22.2b
-	3p26.2b
+	7p11.2b
-	17q25.1c
-	21q22.3d
+	12q13.2c
-	14q11.2c
-	6p21.1a-p12.3f
-	17q22d
+	19q13.2a
+	17q11.2a
+	10q21.3e
-	9q34.2a
+	9q34.2a
-	9q34.2a
-	9q34.2a
-	9q31.3b-q32a
+	22q11.23b
+	9q22.31b
+	Xp11.23d
+	10p13c
-	11q13.2a
+	19q13.42b
+	17q11.2d
-	1q21.2a
+	15q26.1c
-	12q24.11a
+	11p15.4a
+	Xp22.2
-	10q26.3f
+	16q23.1c
+	19p13.12b
-	1p36.11c
+	9q22.2b
-	19q13.32a
-	Xp11.23f
+	3p25.2a
-	1p35.1b

-	6q14.3c
+	14q23.2b
+	22q13.1d
+	16p13.3e
-	21q22.11b
-	14q24.2a
+	15q26.3b
+	5q33.1c
-	Xp11.23b
-	7q22.2c
+	1p13.3b
+	20q13.12b
+	1q22c
-	11p11.2d
+	1q32.2c
-	10q11.22a
+	14q23.2a
+	16p12.3b
-	1q32.1d
-	19q13.33c
+	11p15.4b
+	1p36.11a
-	11q14.1e
+	6q25.3d
-	11q13.1c
-	6q23.2b
-	6q23.2b
-	12q13.3a
+	8p11.23c
+	10q26.13a-q26.13b
+	4p16.3b
+	17q23.3a
-	10q21.3e
+	2p21a
-	1q24.1c
+	17q12b
+	4p16.1e
-	3p25.3c
+	Xq13.1d
-	11p15.4c
-	6p21.31d
-	1p35.3b
-	1p13.3b
+	17q12b

-	1q41e
+	2p25.1d
-	16q24.1a
-	11q21a
-	9p21.1a
-	8q24.12b-q24.12c
-	20q13.33c
+	18q11.2d-q11.2e
+	10q24.33a
-	1q42.13e
+	11q12.3b
-	5q31.3c
-	5q13.2a
+	Xq21.1a
-	6q25.3e
+	11q23.3b
-	1q23.2c
+	3q13.2a
-	10p15.1d
	11p15.5c
+	2q24.1e-q24.2a
+	17q23.3a
+	2q24.2c
+	16p11.2d
-	12q24.23a
-	6p21.32a
-	6p21.32a
-	6p21.32a
+	12p13.31d
-	4p15.32d
-	1q42.2c
+	12q13.13e
+	1p36.22b
+	5p13.3a
+	1q21.2b
-	15q26.3d
-	12p13.2b
+	7q34e
+	7q34e
+	7q34f
-	20p12.1d
+	3p25.3b
+	1q32.3c
+	7p15.2a

-	17p13.3a
+	Xq28g
+	4p14d
-	22q12.2b
-	16p11.2d
+	11q13.1f
+	9q34.11c
+	4p16.1e
+	12q21.1a
-	17q25.3d
+	19q13.33b
+	4p15.2b
-	9q22.33b
-	20p13f
+	22q13.31e
+	6p21.2c
+	3q12.1c-q12.2a
+	16p13.3d
+	17p12a
-	15q24.3b-q25.1a
+	17q12c
	17q12c
+	
-	13q22.2a
-	6p24.1a
	2q11.2e
+	Xq22.3b
-	4q31.21a
-	5q35.3e
-	5q14.1a
+	19q13.12b
-	6p21.1e
-	3q27.3a
+	17q25.3h
+	1q42.3b-q42.3c
+	11q23.3h
+	12q14.2b
+	17q21.32b
+	Xp22.31a-p22.2
-	3q26.32a
-	7q11.23b
+	16p13.3e
+	6q27f
+	6q23.2d

-	7p13c
-	6q14.3b
-	7p14.3a
+	Xq21.1b
-	12q24.21a
-	14q32.12a
+	17q23.3b
+	6q22.31d-q22.31e
-	8q11.23d
+	20q13.33e
-	1p36.12a
+	Xq22.2a
+	Xq22.1d
+	Xq22.2a
+	Xq22.2a
+	Xq22.1e
-	Xq22.1e
-	8q21.11a
	10p14b
+	1p36.11d
-	18q21.1b
+	5q32d
+	15q21.3d
+	6p21.33a
+	16q24.3b
-	19p13.3h
-	18q21.2d
-	20q13.33d
-	1q21.3b
+	12q24.11b
+	11q13.2a
-	14q32.13b
+	14q32.13b
+	14q32.13b
+	22q12.2b
+	5q33.1c
-	6q25.3f
-	6q27d
+	11p13d
+	12q23.3c
+	3p21.31d
-	3q29f
+	12q24.11d
	10q23.33d

+	12q23.3a
+	3p21.31h
+	8p23.1b
+	14q32.11a
+	10q25.3a
+	13q21.2b
+	9q22.33a
-	1q21.3a
-	19q13.33a
-	6p21.31c
+	12p13.33a
-	7q21.3d
+	19p13.12c
-	1q25.3c
+	22q13.2a
-	17p13.2a
+	2q11.1c
-	16p13.13d
+	16p13.3e
-	3q26.2b
+	16q23.1a
-	5p15.33d
+	7q31.2b
-	12q24.22a-q24.22b
+	9p13.3b-p13.3a
-	1p34.1c-p34.1b
-	3p21.31h
+	10q21.3d-q21.3e
-	9q31.1a
-	17q23.3b
-	2p13.3c
+	3p21.2a-p21.1e
+	10q21.1e
+	7p22.3a
-	6p24.3a
+	6p12.3a
-	16p13.3b
-	6q25.3a
-	1q44d
-	2q14.2e
+	13q34d
-	3q23c
-	6p21.1f
-	7q31.2b

-	21q22.3b
+	3q12.2a
-	22q12.1a
-	2q32.1f
-	7q21.3a
-	19q13.42a
-	7q22.1c
-	3q29f
-	13q32.1a
-	2p13.3c
+	16p11.2c
+	5q31.1f-q31.2a
+	3p24.1a
-	1p22.2a-p22.1e
-	2q12.1d-q12.2a
+	18p11.31e
+	20q11.23a
-	20q11.23c
-	15q15.2b
-	2p11.2g
+	20q13.32b
-	2p21e-p21d
-	8p11.21a
-	15q23b
+	16q22.1b
+	1p36.31a
-	2q37.3g
-	7q31.1a
+	4q21.1a
-	22q11.21e
-	19q13.12b
+	4q21.22a
+	5q14.1d
+	6p22.2b
-	1q21.3a
-	1q21.3a
+	5q33.3b
+	10p12.1c
+	2p11.2d-p11.2c
-	18p11.32c
-	5q35.2c
	17q25.3g
-	22q12.2a
+	16p13.3d

-	3p14.1d
+	19p13.3g-p13.3f
-	3q27.1b
	19p13.3i
-	14q24.3c-q24.3d
-	7p21.3b
+	14q11.2g
-	16p12.2c
-	2p22.1b
+	3p25.3d-p25.3c
-	11q23.3f
-	11q25e
-	2p14a
-	17q11.2b
-	10q26.11d
-	21q22.11a
+	6q25.2c-q25.3a
-	19p13.3d
-	5q22.3b
-	4q25f
+	5q22.2a
+	4q22.1c
+	8q24.3g
-	5q33.1c
-	16p13.3c
+	3q13.31a
-	5q33.3a
-	12q13.2c
-	11q12.1a
+	1q32.1c
-	Xp11.23c
+	17p13.3f
-	10q11.23b
-	19p13.2e
-	Xq22.1c
-	11q23.1c
-	14q23.1b
+	Xp11.23f
	17q25.3b-q25.3c
-	14q12a
+	5q13.3b
+	3q25.31b
-	15q22.31c
+	11q24.2c

+	6p21.1c
-	15q13.1c
+	9q21.11a
+	19p13.3e
	17q25.3b
-	16q21e
-	3p21.1c
+	Xq28g
-	17q11.2a
-	9q21.31d-q21.32a
-	19p13.3f
-	15q23b
+	9q21.31b
+	19p13.3f
-	2q31.1c
+	17q23.2d
-	9p13.3a
+	15q22.2b
-	4p14c
-	4p14c
+	9q33.1c
-	1q41e
-	4p14c
+	Xp22.2
-	3p21.1e
+	2p13.1b
-	8p11.23b
-	15q26.3d
-	3q25.1a
+	15q25.2b
+	11q13.1c
-	12p11.23a
-	14q12a
+	13q32.3b
-	10q24.1a
+	20q11.21b
-	2q35e
-	12q14.3b
+	12q13.13a
+	9q21.13a
-	15q25.1b
-	19q13.42a
-	17q25.3a-q25.3b
+	17q25.3b

-	3q21.3d
+	1q32.1g
-	12q22c
-	1q24.1a
+	13q34d
-	1p36.13a
+	5q31.3b
+	16q22.1d
-	19p13.2b
+	8q24.3h
+	12q24.31d
+	15q25.1a
-	7p13d
-	1p22.1c
-	5q22.3b
+	5q35.3a
+	9q31.1a
-	2q32.3a-q32.3b
+	21q22.3d
-	17q22b
-	17q21.31c
+	17q25.1b-q25.1c
-	17q25.3f
+	17q21.31b
+	7p21.3a
+	12q13.11c
-	17p13.1c
+	11q12.2a
-	17p11.2b
-	3p25.3c
-	3p21.31b
-	12q24.13a
+	12q12f-q12g
	12q24.22a
-	12q24.11a
-	7q11.23e
+	12q24.31b
+	14q32.33d
-	11q22.2a
+	11q14.1e
+	11q14.1e
-	2q11.2a
-	4p16.2b
-	4p16.3b

-	2q11.2b
+	11q12.2a
+	11q22.1c
-	11q13.1f
+	11q14.2a-q14.2b
+	11q23.3g
+	11q12.2b
+	7q33b
+	9q34.3e
-	19q13.32c
+	19q13.2c
+	19q13.12a
-	19q13.12a
+	6p12.1d
+	6p24.2a
+	6p24.2a
-	10q21.3d
-	2p11.2f
-	19q13.42b
+	11q13.1e
-	4q31.3c
-	4q27c
-	4p14c
-	3p21.31k
+	16p12.2b
-	19p13.11b
-	2q21.3a
+	4q12d
-	5q14.2c
+	1p13.3b
-	7q31.1c
+	2q35b
	11p15.5d
-	2p15b
-	16q23.1a
+	6p24.1c
-	5q31.2d
+	5q13.2c
+	4p16.3c
+	7q36.1c
+	2q14.2c
+	11q12.3b
-	2p25.3f
+	10q24.32b

+	6q25.3d
+	1q32.1d
-	3q25.1a
-	7p22.3b
-	22q13.1b
+	4q31.23a
-	Xq28b
-	2q14.2c
+	Xq28f
+	16q12.1c
-	20q13.13e
+	12q21.1a
+	22q11.21e
+	22q11.21d
-	4q32.3b
-	12q13.3a-q13.3b
-	12q13.3a-q13.3b
-	2q32.2b
+	2q35f
+	17q11.2a
-	9q21.13a
+	10q23.33b
+	6q23.1c
+	1p36.22d
+	15q24.1a
-	9q34.3e
-	19p13.2b
-	1q32.3b
+	16q22.1a
-	7q32.2b
+	7q34a
+	2p23.3a
+	11q12.2b
+	16p11.2d
+	3q22.3a
+	1p36.11a
-	16q23.1a
+	11q23.3d
-	10q21.2a
-	Xp22.2
-	6q14.1a
-	14q23.1c
+	4p13d
+	4q31.23a

+	19p13.11f
+	9q31.2a
-	3q13.33a
+	1p35.1b
-	12q13.2c
-	3q27.2a
-	11p15.4a
+	3p21.31k
+	3p25.1a
-	3q29d
+	3q12.2a
-	1p32.3c
+	17q23.1a
+	12q14.2b
+	1p36.11c
-	21q22.11c
+	1p36.21a
-	1p36.33a
-	1p34.1d
-	1p35.1b
-	8q21.3e
-	14q11.2b
+	1p21.3d
+	1p36.11c
-	1p32.3b
+	19p13.11b
-	7q11.23g
+	1p32.3b-p32.3a
+	15q15.2b
-	1q42.12c
+	6p21.1b
+	14q24.3c
-	8q21.3e
-	8p12e
+	8q22.1b
-	8q12.1a
+	1p34.1b
+	8q21.11a
-	8q24.22b
-	8q23.1d
-	1p13.3a
+	1q22d
-	16p13.3f
	11p15.5d

+	15q25.3c
+	15q14a
-	19q13.42b
-	15q15.1d
+	2q13d
+	17p13.1d
+	9p13.3a
-	1q32.1b
	19q13.2c
+	17p13.3a
+	17p13.1d
+	17q11.2a
+	17q11.2e
+	17q21.2a
-	11p15.4a
-	3p14.1b
-	17q11.2c
-	Xq28h
+	9q22.33a-q22.33b
+	15q21.2b
+	15q21.2b-q21.2c
+	12q23.1c
-	4q13.2b
-	4q13.2b
+	12q13.13b
-	11q23.3c
	3q13.2a
+	19p13.3g
+	2p11.2g
-	Xq22.1e
+	Xp22.2
+	Yq11.221a
-	4q22.1e
+	12q21.32a
-	13q32.3c
-	7q36.1d
+	17q21.31c
+	14q22.1c
-	18q22.1f
-	20p12.3a
+	6p21.33a
+	17q11.2a
+	6q23.3d
+	5q23.1c

+	19p13.3d
	1q21.2d
-	15q21.2b
-	8p21.3a
-	8p21.3a
+	8p21.3a
-	8p21.3a
+	18q21.33a
+	16p13.3d
-	17p11.2h
-	22q13.2b
-	1p36.32c
+	16p13.13a
-	1p36.33b
-	12p13.31d
+	1p36.22a
-	6p12.3d
-	1p36.31a
-	1p36.33b
+	20q13.33e
+	1p36.22a
-	1p36.23b
-	3q26.31b
+	17p13.1d
+	13q33.3b
-	19p13.3a
-	9q32e
-	1q25.1a
-	9q33.1a
+	19p13.3a
-	5q33.1d
-	4p16.3a
-	3q29f
+	8p23.1c
-	11q12.1a
+	11p15.5b
-	19q13.42b
-	19q13.42b
-	2q35c
+	5q13.2c
-	19p13.13c
-	1q25.1b
+	2q37.1c
-	1q21.3a

+	16p12.1b
+	22q13.1e
-	16q12.1d
-	7p12.3c
-	17q21.33b
-	22q13.2a
+	1p34.1c
-	11p15.5c
+	22q12.3c
-	17p11.2g
-	1q42.3b
+	22q13.1c
-	20q13.12b
+	19q13.32a
+	1q23.3a
-	9p13.2a
+	
-	7p15.3b
-	3q12.2a
	16p11.2a
	8q24.3f
+	1q24.3a
-	17q21.2a
-	3p24.2a
-	22q11.22a
-	3q22.1d-q22.1e
-	9p21.1a
-	9q34.11d
+	1q25.2c
-	1q25.2c
+	9q34.11d
-	9q34.11a
+	1q25.2c
-	8q12.1c-q12.1d
+	20q13.12a
+	14q11.2c-q11.2d
-	17p13.1d
-	
-	15q15.3a
-	1q41e-q42.11a
-	11p11.2d
+	17q11.2b
-	8q22.1c
+	20q11.22b

-	20q13.12c
-	
-	20q13.12b
+	3q28b
+	3q28b
+	12q24.13b
-	8q21.13a
+	6q22.31e
+	20q13.33e
+	12p13.31d
+	15q22.2b
-	9p13.3a
-	1q21.3d
+	19p13.12a
-	6p22.3d
-	11p15.4c
+	13q33.1b
-	5p15.33e
-	1q31.1a
+	1p36.32b
-	2p13.2a
+	7q11.21e
-	22q12.1a
-	13q14.12a
-	13q12.11a
+	20q11.21b
	1p22.2a
-	7p15.3b
+	22q13.33b
-	16q22.1a
-	9q33.2a
+	9q34.3e
+	14q32.32a
+	2q37.3c
-	6q21h
+	1q32.2b
+	17q11.2a
-	11p12d
+	16p13.3d
+	12q24.13a
-	3p21.31c
+	3p22.1b-p22.1a
-	2q33.1f
-	8q13.3b

-	6p12.2a
-	16p13.3c
-	17p13.1d
-	Xp22.2
+	16q24.3a
+	
+	11q23.3e
+	19p13.2e
-	19q13.32a
-	14q21.1b
-	8q24.3b
-	10p13a
-	6p21.1g
-	6p21.1f-p21.1e
-	12q24.31a
+	8q24.13e
+	2p25.1a-p24.3d
+	20p13f
-	1q42.13c
+	13q14.3a
-	9q22.33b
	17p12a
+	17p11.2f
+	4q31.3d
-	11p15.4d
+	11p15.4c
-	5q12.3b
+	7q34a
-	17q22c
-	6p21.33b
-	6p22.1a
+	19q13.43c
-	11q23.3g
-	11p15.4c
-	6p21.33b
+	9q33.1b
-	1p13.2b-p13.2a
-	8p21.2a
-	5q22.3b
-	17q22d
+	6p22.2a
+	6p21.33b
-	7q22.1b
+	5q35.3g

+	11p13a
-	1p13.1a
+	1q22a
-	17q25.1d
-	11p15.4c
-	5q35.3g
-	11q14.3b
+	8q13.1b
+	7q22.1d
-	3q26.1a
-	4q32.3b
-	1p35.1a
-	17q25.1d
-	11p15.4b
-	11p15.4d
+	15q21.1a
-	5q35.3g
+	16p11.2c
+	11p15.4c
+	10q24.32b
-	14q22.1c
+	4q35.2c
+	22q13.1a
+	19p13.3a
-	14q32.12a
-	2q36.3e
+	5p15.33d
+	15q22.31a
+	7q22.1c
-	1p34.2d
-	19p13.13b
+	6q22.32a
-	11q13.1b
	8q24.13d
-	22q11.21d
-	Xq22.1c
-	14q23.1c
-	20p12.3c
+	14q32.33a
+	22q13.31d
+	1p36.11a
+	3p26.3a
+	Xp11.21a

+	12q13.12b
+	1q31.2b
-	8q13.3c-q13.3d
+	3q23d
-	4q27c
-	20q11.22b
-	Xq23a
+	19q13.33a
-	15q21.2a
-	8q23.3e
-	17p13.3a
+	17p11.2i
+	7q22.1a
+	10q25.3a
-	9q34.11b
-	9q34.13b
+	16p13.3e
-	13q14.11e
+	3q25.1b
-	Xq22.3b
-	7q22.1c
+	1q25.3e
+	3p25.1d
+	19q13.42a
+	17q25.1c
+	12q14.1a
-	11p15.1c
-	2q11.2c
-	7q32.2b
+	14q31.1b-q31.1c
+	18q22.3d
+	20q13.2b
+	
+	11q13.5c
+	5q22.1a
+	2q14.3a
+	1q42.2a
+	16q22.1b
+	8p23.1c
-	3p21.31h
+	17q25.3f
+	7p21.1b
+	10q23.1a
+	10q21.3e

+	5q35.2d
-	12q21.31e
-	15q24.3a
+	12q14.1a
+	11p15.5a
+	7q32.1a
-	4q23a
+	Xp11.4e
-	12q21.1a
+	12p13.33a-p13.32b
+	22q13.2c
-	6q22.1d
+	Xp11.22a
	20q11.21b
-	6q22.1d
-	17p13.3c
+	Xp11.22a
+	11p15.5a
+	14q12a
-	19p13.11a
-	22q12.3d
-	8q24.3g
-	1q23.3a
+	5q33.3d
-	1q42.2a
+	3q26.33b
+	2p25.3b
+	11p12a-p11.2e
-	10q22.2a
+	17p12a
+	3p22.2a
-	1p32.3b
-	15q26.3b
+	5p13.2d
+	17q21.2b
+	7q34b
+	2p22.3e-p22.3d
-	22q12.1c
-	4q31.23a
-	2q31.2a
-	2q31.2a
+	2p13.1b
-	2p24.1d
-	5p13.1b

+	8q23.1d
-	5q15c
+	22q13.31d
-	9p22.3b
+	18q11.2c
	Xq13.3b
+	1p32.3b
-	14q11.2b
+	2p21a
+	14q31.3d
+	14q24.2a
+	11q12.3b
-	9q34.13b
+	1p13.1a
+	6q14.1d
-	22q13.2c
+	1p36.33b
-	9q33.2a
-	22q13.2c
+	3p25.3c
+	2q35e
+	14q24.3b
-	17q21.32c
-	1p31.1a
-	22q13.33a
+	20q13.12a
-	Yq11.222c
+	Yp11.2e
+	Yq11.23b
+	Yq11.223e
-	Yp11.2b
+	17q25.1b
+	7p22.2c
-	12q13.12b
-	12q13.12b
+	12q13.12b
+	2q21.1d
-	2q21.1b
-	2q35f
-	10p15.1c
+	6p21.33b
-	6p25.2b
-	6p25.2b
+	9q34.3f

+	16q24.3b
-	19p13.3a
-	4q35.2d
	18p11.21e
-	17q23.1a
-	6q21i
+	17q21.31a
+	17q21.31a
-	10q26.3f
+	15q15.3a
	15q11.2c
-	22q13.33b
+	1q21.3a
+	22q12.2c
+	12p13.33a
+	6q25.3d
-	3p21.31b
-	3p21.31b
-	11q12.3a
-	12q12f
-	3p21.1e-p21.1d
-	7p21.1a
-	7p15.3e
+	18p11.22b
+	1p35.1b
-	6q24.1a
-	9q31.3a
-	22q12.3d
-	16p13.13b
-	1p32.3e-p32.3d
+	11q12.1b
+	5q31.1e
-	14q22.1d
+	17p13.2a
+	18p11.22b
-	6p24.3c
-	2q11.2c
+	1q21.1b
+	10q26.3b
-	16q22.3a
+	12q23.3a
-	22q11.21c
-	19p13.2b
-	22q13.33b

+	18p11.32c
+	15q15.1c
-	19q13.12a
-	10q22.1a
+	7q11.21e-q11.22a
-	7q11.22c-q11.23a
+	1p31.1h
+	12q24.31d
-	21q22.3c
+	Xp22.2
-	19q13.12a
+	19q13.42c
+	1q23.3b-q23.3c
+	9q34.3e
+	Xp11.3a
+	19q13.11c
-	3p14.1b
+	3q22.1c
+	19p13.11c
-	4q13.2b
-	3p21.31c
-	9q34.3c
+	13q32.3a
+	9p13.3d-p13.3c
-	9p13.3d
+	1q21.3d
+	11q24.1b
+	17p11.2i
-	12q24.31f
-	6p22.1a
+	Xp11.3a
-	3p14.1b
+	3q22.1c
+	Xq24c
+	5q31.1e
+	20q13.12b
-	6q14.1e
+	5q31.2d
-	4q24b
+	7p13e
+	3p24.2b
+	3p24.3a
+	2q31.3b
+	2q37.3b

-	17p13.2c
-	21q22.3d
-	7q32.2a
+	16p13.3e
-	6q15c
-	1p36.33a
+	4p14b
+	22q11.21f
-	11q12.1a
-	19q13.43c
-	16p11.2a
-	12q22b
-	17q25.1d
-	1q21.3e
+	15q24.2a
+	
+	9p13.3d
-	19q13.42b
-	1q32.1d
-	20q13.13e
+	8q11.21b
-	8q21.11a
+	17q21.32c
-	15q11.2e
+	12q24.11b
+	11q23.3d
+	1p36.22d-p36.22c
+	16p12.1c
+	1p36.22b
-	13q12.3b
-	Xq28g
+	19p13.2c
-	15q24.1b
+	5q33.3c
+	16p13.3b
+	7q34b
-	3p22.3c
-	9q21.32c
+	Xp11.1b
-	1q22c
-	15q15.2a-q15.2b
+	6p21.1e
+	2q31.1b
-	1p36.13b

-	8q22.3b
+	14q32.12b
+	10q24.1b
-	5q35.1e
-	17q21.31c
-	2q11.1c
-	11q12.3a
-	1p36.11b
+	8q12.1c
+	2q21.3b
-	19p13.3d
-	3q29f-q29g
+	8p12e
+	4p13d
+	13q22.2a
-	1q31.2b
-	Xq28f
-	9q34.13a
+	1q24.1a
-	20q13.33e
-	11q13.4b
+	22q12.2a
-	11p15.1c
+	1q23.3a
-	22q11.21c
+	13q13.3d
-	4q35.1f
+	9q31.3b
-	13q32.1b
-	4p14b
+	2p15a
+	2q37.1d
-	4q13.2c
-	4q13.2c
	4q13.2c
+	4q26b
+	19p13.3c
+	6p21.31d
-	12q23.1d
-	5q35.2d
+	6q25.1b
+	6q25.1b
	12q24.33c
-	17p11.2d

-	15q24.1b
-	3p22.1b
-	16p12.3a
+	21q22.3b
+	3q21.2a
-	17q11.2a
	19p13.11d
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-	17q25.1d
+	15q26.1c
+	2q11.2c
+	5q35.2d
-	6p21.1h
+	7p22.3c
-	22q13.1c
-	11q13.2a
+	12q24.11a
-	16p13.3e
-	7q33c
+	22q11.23b
+	19p13.11b
-	10p14a
+	13q34d
-	Xq24c
+	19q13.12a
+	7p12.3b
+	2q24.1d-q24.1e
+	Xq13.3a
-	20q11.22b
-	19p13.3h
-	8q22.1d
-	3p21.31e
-	19q12c
+	5q31.1c
+	1q42.13e
-	7p13e
+	9q34.11b
+	1p34.1c
-	10q26.2a
+	19p13.11e
-	1q23.3a
+	19q13.12a

-	17q25.1c
-	19p13.11e
-	10q24.33a
+	4q21.1a
+	1p31.3d
+	16q24.1a
+	Xp11.3a
-	13q12.13c
+	3q26.33a
+	12q14.1d
+	21q21.3c
+	22q11.21b
-	11q23.3f
+	1q23.3a
	17p11.2b
-	1p32.3a
+	21q21.1a
+	15q22.31a
+	12q24.11a
-	1p31.1e
+	11q14.1a
-	17q25.3b
-	2q35e
+	4q31.21c
+	2p11.2f
-	3p21.31d
-	22q11.21d
+	7p22.1b
-	12q22d
-	4q12a
+	11p15.3c-p15.3b
-	1p36.12b
-	6p21.1f
+	12p13.31d
+	4q26f
-	16p13.2b
+	15q21.2a
+	Xp11.4b
+	13q12.3c
+	6q25.1a
+	1p34.3b
+	Xq25h
+	13q14.3d
+	5q13.2c

+	17q21.33c
+	12q23.2a
+	8q24.11a
-	17q11.2d
+	6q24.2b-q24.2c
-	1p36.23b
-	3q28d
+	Xp11.3b
-	Yq11.21b
+	11q13.5a-q13.5b
-	Xp11.23f
	16q22.1f
-	12p13.31d
-	17p13.1c
+	1p36.23b
-	1q24.3b
+	2p11.2f
+	"Xq28h,Yq12w"
+	2p11.2f
+	1q23.2d
+	18p11.22b
-	6p21.33a
+	6p21.33a
+	14q24.3c
+	1q32.3c
+	16p13.3b
-	17q21.31a
+	16q23.1d
+	19p13.3a
-	9q34.2a-q34.2b
-	1p13.3d-p13.3c
+	2p13.3c
+	Xq28h
+	1p21.2a
+	10q22.2a-q22.2b
-	9p13.3b
-	8q13.1b
+	Xp22.31b
-	5q31.1d
+	8p11.21a
-	12q13.11c
	11q13.1a
-	4q34.3a
-	17q22d

+	12q22d
-	7q22.1d
+	6q22.2a
-	3p25.2b
+	3p25.3b
-	6q25.3d-q25.3e
+	3p22.2a
+	10p12.33c
+	3p22.1a
-	7q36.3e
+	20p13b
+	2p22.2b
-	16p11.2c
+	7q11.21d
+	19p13.3b
-	12q15c
-	17p13.2c
+	19q13.41b
+	1q44e
-	6q23.2b
-	6q23.2b
-	6q23.2b
-	7p11.2c
-	3p21.2c-p21.2b
+	22q11.22a
-	22q11.23a
+	11q23.3e
+	8q22.2a-q22.2b
+	20p13c
+	15q15.1b
-	2p11.2e
+	17q21.31a
+	10q21.3e
+	10q21.3e
+	11q25d-q25e
-	8q24.3h
-	12q24.11c
-	12q24.31c
-	15q26.1c
-	16q11.2i
-	13q14.3d
+	8p22b
-	12q24.31d
-	11q12.2b

+	7q11.23b
-	15q15.1d
-	7p14.1d
+	1q21.2a
+	16q22.1d
-	18q21.33b
-	6p21.32a
-	17p13.3g-p13.3f
-	2p15a-p14c
-	1q21.2d
+	3q27.2a
+	14q32.2a
+	2p16.1b
-	19q13.33b
-	Xq12a
-	15q11.2b
+	6q24.1d
-	14q24.1a
+	
+	1p36.33a
+	11q24.1c-q24.2a
+	1p36.12b
+	7p12.3a-p12.2a
-	11q12.2b
+	10p11.23c
-	14q32.2b
-	1p12b
+	Xp11.23d
-	6q21g
-	1p36.11a
+	13q12.13c
+	2q14.1a
-	2q31.1g
+	2p13.1b
-	12p12.3e
+	18q12.1e
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+	13q14.11b
+	Xq22.1e-q22.2a
-	7q11.23c
	7p13d
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-	7q11.23b
-	2q36.1d

+	13q14.3c
+	10q11.22d
-	14q22.3a
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-	2q33.1g
+	Xp11.23d
+	4q34.2a
+	19p13.3i
+	4p14c
+	14q32.31c
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+	14q12a
-	16p13.3f
+	14q32.2b
-	1q42.11b
-	6q27e-q27f
+	1p12c
-	9q32c
-	2q14.3e
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-	2p24.1d
+	5q22.1a
+	10p15.3c
-	21q22.3b
-	9p13.3d
-	5q14.1a
-	1q23.2d
	2p23.2a
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-	Xp11.23c
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-	1p13.3b
+	3p22.2a
-	3q26.1f
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-	3p21.1e
-	12q21.33a-q21.33b
-	3q29g
+	2p13.1b
+	5q31.3b
-	1p35.2a
-	16q23.1a
-	3q21.1a

+	3p21.31d
	7q36.3e
-	15q25.1a
+	19q13.12b
+	1p22.3e
+	12q24.31b-q24.31c
+	8q24.13b
+	17q23.3a
+	18q21.31a
+	5p13.2b-p13.2a
-	15q25.2b
	11q12.3b
+	2q32.2a
+	15q15.3b
-	1p13.2d
-	1p31.3a
+	17p13.1d
-	1p36.32b
+	17p13.3d
-	3p21.1d
-	9q34.3f
+	19q13.11b
-	14q23.2b
+	16p13.3f
-	7q33b
-	2p14b
+	8q22.3c
-	2q24.2a
+	1p36.11a
+	8q24.13c
+	11p15.4a
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-	20q13.12b
-	20q13.12b
-	20q13.12b
+	4p16.1f
+	15q25.2b
-	15q11.2c
	15q13.1b
+	4p16.3b
-	8p12a
-	4p16.3b
-	12q13.2c

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	17q24.2c
+	7p22.1c
+	20q13.12a
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+	9q22.31b
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-	12q13.12a
-	17q21.32a
-	3p14.3c
-	22q13.31c
+	5q31.2c
+	21q22.2b
+	8p12e
+	6p25.2b
+	17q11.1b
-	12q24.23a
+	17p13.2a
+	6q25.3f
+	19q13.11c
+	5q35.1a
+	Xp22.2
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+	8q21.3a
+	16q22.1e
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+	17p13.2a
+	Xp11.22b
+	Xp11.22b
-	Xp11.22b
+	Xp11.22b
-	Xp11.21a
-	22q12.1c
-	2p23.1a
+	Xq25b
-	3p22.2a
-	Xq13.2b
+	Xp21.1a
-	22q11.1d
-	8p23.1b
-	Xq22.1c
-	9q22.33b

-	3p25.1a
-	10q25.1e
+	22q13.2a
-	2p15d
-	13q12.11b
-	6p21.1c
-	16p11.2e
+	8p21.3b
+	12q14.2b
+	1q25.3a
-	19q13.31a
-	7q36.1e
-	14q32.33a
+	5q14.2c
+	2q35b
+	22q13.2a
+	12q14.1a
-	3q23d
+	3p22.2a
-	16p12.3c
+	17q21.33b
-	12q12e
+	11q22.1d-q22.2a
-	1p35.1b
-	12p11.21a
+	1p34.2a
	17p13.1d
-	22q11.21f
+	3q27.1a
+	12q15c
-	18p11.32c
-	11q13.1e
-	19q13.2a
-	1p32.3c
-	6p21.1c
+	2p22.3e
-	5q32a
+	Xq12d
-	4p13b
+	19p13.11a
+	7p13d
+	14q24.3b
-	10p12.1a
-	1q32.1h

-	22q11.21f
+	17q22d
-	16p11.2d
-	11q12.1a
+	2p23.1b
-	1p34.3b
-	2q21.3a
-	4q13.2b
+	5q22.2b
-	20q13.33d
+	1p35.3a
+	8q12.3b
+	20q13.12a
-	17p13.3e
-	7q11.23e-q11.23f
+	22q12.3a
-	2p25.1d
-	8q22.3a
+	14q32.2b
-	18q22.3d
+	2q31.1e
-	"Xp22.33c,Yp11.31b"
-	3q13.13d
-	5q14.1a
+	22q13.33a
-	11p15.3e
-	20q13.31a
+	8q21.13b
-	3q12.3a
-	1p36.13f
-	6q25.1c
-	3q13.31a-q13.31b
-	6p21.32a
-	6q21f
-	14q23.3a
-	9q33.2b
-	11q12.3b
+	19q13.12a
+	Xq24d
+	9q33.3b
	3q23c
-	12q13.3a
-	17p13.1d
-	1q31.3c

+	14q32.33b
+	9q33.3b
-	11q24.3c
-	19q13.43c
-	20q13.33e
+	3p22.1a
+	1p36.31a
-	9p13.2a
-	18q21.1d
+	1p35.1b
-	1p35.1b
+	6p21.32a
+	12q13.2c
	1q41c
+	1p34.3c
+	Xq11.1c
+	11q22.3d
-	6q25.1a
-	13q14.12b
+	14q31.3d
+	2q32.1e
+	16q24.2b-q24.3a
-	8q24.3f
-	19q13.32b
	17q25.1d
-	16p13.13b
-	2q13d
-	7q34b
-	7q34b
-	7q32.2a
-	Xq11.1c
-	5q31.1c
-	1p32.3d
+	Xq24b
-	16q24.2a
+	1p35.2a
+	18q21.33a
-	10q22.3e
+	20p13f
+	4p15.2c
-	9q21.33b
+	9p13.2b-p13.2a
-	12q24.31c
+	5q14.1f

-	12q12e
-	7q22.1c
+	3p24.1c
-	5p15.33e-p15.33d
-	9q34.11b
+	11p15.1c
+	6q25.3c
+	10q24.1b
+	12q21.2b
+	8p22b
+	3q13.31a
-	11q13.1e
-	3p21.31k
+	7p22.1a
+	11q12.1a-q12.1b
-	10q25.2b
-	16q24.1a
+	22q11.21d
-	22q11.23a
-	Xq25h
+	10p11.22c
-	2q22.3a
-	9q34.11b
-	8q21.13c
-	7p22.3b
+	2q35f
+	6p21.2c-p21.2b
-	9q21.13a
+	15q25.1b
-	12q21.1a
-	14q11.2g
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+	16q23.1a
-	15q15.1d
-	19q13.12b
-	18p11.31c
+	17p13.2b
-	19q13.12c
+	19q13.2a
-	14q24.1c
-	2p21e
-	9q32b
-	6p22.1a
-	5q35.3f

-	20q13.2a
-	19q13.12b
+	16q22.1c
+	11q12.1c
+	Xq28f
+	11q13.1c
+	16q24.2b
-	5p13.3b
+	Xp22.11a
+	Yp11.31a
-	14q24.2b
+	5q14.1e
+	15q15.1b
-	3p24.3e
+	14q32.33a
-	14q24.1a
-	8q24.13b
+	8q24.13b
-	20q12c
+	3q24e
+	13q32.3b
-	13q32.3b
+	19q13.43b
-	19q13.43a
-	19q13.43b
+	7q22.1b
-	16p12.1b
+	6p22.1b
-	6p22.1b
+	7q22.1b
+	5q31.3b
-	3q26.32c
-	22q12.2a
+	10q22.3e
+	7p13c
+	1p34.2d
+	1p34.3e
-	Xq13.1c
+	1p34.3e
-	13q12.11a
-	1p34.3f-p34.3e
+	10p15.3d
-	1p34.2b
-	9q34.3f

-	20q13.12c
+	12q24.33d
+	19p13.11a
+	7q11.21c
+	19q13.32c
-	19p13.2c
-	1q44d-q44e
+	5p12c
+	20p11.23d
+	19q13.43b
	19p13.2a
	19q13.41a
+	7q11.21c
-	19p13.11a
+	12q24.33d
-	2q35e
+	11p15.4a
+	19q13.12b
-	3q21.2b
-	19q13.43b
-	8q24.3h
-	19q13.41a
+	6p22.1b
+	19q13.43b
+	16p13.3c
+	19q13.33d
+	19p13.2c
-	17p12d
+	19q13.11c
-	6p22.1c
+	Xq28e
+	6p22.1b
+	6p22.1b
-	11p15.4d
+	3p21.32a
-	19p13.2a
-	16p13.3c
-	11q24.1c
+	16p13.3d
+	17q11.2e
+	19q13.43b
+	7q36.1b
+	16p13.3d
-	11p15.4b

+	11p15.4b
-	20q13.2b
-	14q11.2c
+	10q11.21c
	19q13.31b
+	19q13.31b
+	19q13.31b
-	16q22.3a
-	17p13.2b
+	19q13.31b
-	19q13.31b
+	18q23b
+	1q44a
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-	18q12.2a
-	10p11.21a
-	10p11.21a
-	8q24.3h
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+	19p12b
-	19q13.43c
-	11q23.3b
+	12q24.33d
-	19q13.12b
-	19p13.2c
+	18q12.2a
+	7q11.21c
+	19q13.43c
+	Xq28f
+	16q24.3b
+	7q31.1c
-	22q11.22b
-	22q11.22b
-	Xq25h
-	15q21.3d
-	1q32.1b
+	7q36.1b
-	19q13.31b
+	17p12a
	17p11.2f
+	6q15a
-	21q22.3a
-	19q13.32a

-	7q22.1b
+	19q13.11c
+	19q13.11c
-	6p21.1d
-	16q13d
-	6p22.1d
-	6p22.1b
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-	19q13.43c
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-	10q11.21a
-	8q24.3h
+	20q11.22a
-	20p13d
+	19q13.12b
-	19q13.41a-q13.41b
+	3p21.32a
-	19q13.33e
+	5q35.3c
+	19p13.2e
+	1p35.1a
+	1q21.1b
-	9q22.32b-q22.33a
+	10p11.21a
	10q11.21a
+	19q13.12b
+	19q13.12c
-	12p13.31d
-	12q13.13f
-	2q31.2c-q31.3a
-	17q21.2b
-	7q22.1b
-	8p21.1d
-	18q12.2a
+	18q12.2a
	18q12.2a
+	7q36.1b
-	19q13.31b

+	18q22.3d
+	11p11.2b
+	14q24.3a
-	19p13.2d
-	19q13.43b
-	19q13.43c
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+	19q13.12c
-	7q36.1a-q36.1b
-	19p13.2c
-	19q13.31a
+	19p12d
+	19p12d
+	19p12d
-	19p13.2a
-	16p13.3c
-	1p36.12a
+	19p13.2a
-	19p13.2a
+	19q13.42c
+	19q13.43c
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-	16p13.3b
+	19q13.11a
+	4p16.2b
-	9q22.33a
+	10q26.3f

+	2p23.3a
-	2p23.3a
-	2q11.1c
-	18q23a
+	10q23.33d
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	18p11.21b
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+	19q13.2c
-	19q13.12b
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-	19q13.32c
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+	19q13.43b
+	19q13.43c
+	3p21.31f
+	15q25.3a
	1p36.11b
-	17p13.2b
+	4p16.3d
+	8p23.3b
-	16p13.3c
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+	3p22.1c
-	5p15.1b
-	19p12d
+	19p13.2a
-	16p11.2c
-	Xp11.23e
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+	1p34.2c
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+	7q22.1b
	9p12b
-	9p12a
+	12q24.31e
-	16p11.2c

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-	Xp11.3a
-	19p12c
+	7q11.21c
-	7q11.21c
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+	19p13.2a
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-	1q44d
+	8q24.3f
	19p13.2c
+	8q24.3h
+	19p13.2a
+	19q13.41a
+	12p13.31b
+	8p23.1a
-	8q22.3a
+	8q24.3g
-	19p12d
+	19q13.43a
+	7p11.2b
+	19p12d
-	4p16.3d
+	19p12d
+	12q13.13e
-	7q36.1b
-	16p11.2c
+	19q13.43b
+	16p13.3c
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+	6p21.31c
+	19p13.2a
-	16p11.2c
+	19q13.41b
-	16p11.2c
-	19p13.3f
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-	19q13.43b
+	15q26.1b
+	7q36.1c
+	19q13.43b
-	7q36.1b
+	16q24.3a
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-	19q13.12c
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-	19q13.42c
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+	7q22.1b
+	9q33.3b
+	19p13.2a-p13.13c
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-	7q31.33c
+	2q32.1c
+	19q13.43b
+	19q13.41b
-	19q13.41a
-	16q22.3a
-	19p13.2a
-	4q31.22b
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+	17q12a
+	20q13.32b
-	19q13.33e
+	14q32.31c
+	12q24.33d
-	16p11.2c
+	19p13.2a
+	19q13.41b
-	19p13.2c
+	3p23a
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-	19p12c
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-	11q13.1c

+	17q12b
-	1p22.3d
+	6p21.33b
+	22q12.1c
+	7q11.23f
-	7p12.2a
+	17q12c
+	10q26.13e
-	1p31.1j
-	2q21.3a-q21.3b
+	Xp22.2
+	
+	6p22.1b
-	19q13.43c
+	15q25.2b
+	1p35.1a
+	7q22.1b
+	19q13.43c
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-	19q13.43a
+	20q13.12b
	20q13.12b
+	19p13.13a-p13.12c
-	1p34.1c
+	5q12.1b
-	17p12a
-	6q22.1d
-	11q23.2a
+	15q22.31c
-	10q21.1d
-	Xp11.1b
+	Xp11.1b
-	3q21.2c
+	1p32.3d
+	7q34f
-	17p13.2c
-	1p31.1e

DEFINITION

"Homo sapiens membrane-associated ring finger (C3HC4) 1 (MARCH1), mRNA."
"Homo sapiens membrane-associated ring finger (C3HC4) 2 (MARCH2), transcript variant 2, mR
"Homo sapiens membrane-associated ring finger (C3HC4) 3 (MARCH3), mRNA."
"Homo sapiens membrane-associated ring finger (C3HC4) 5 (MARCH5), mRNA."
"Homo sapiens membrane-associated ring finger (C3HC4) 7 (MARCH7), mRNA."
"Homo sapiens septin 1 (SEPT1), mRNA. XM_944608 XM_944610"
"Homo sapiens septin 2 (SEPT2), transcript variant 4, mRNA."
"Homo sapiens septin 3 (SEPT3), transcript variant B, mRNA."
"Homo sapiens septin 4 (SEPT4), transcript variant 1, mRNA."
"Homo sapiens septin 5 (SEPT5), transcript variant 2, mRNA."
"Homo sapiens septin 6 (SEPT6), transcript variant III, mRNA."
"Homo sapiens septin 7 (SEPT7), transcript variant 1, mRNA."
"Homo sapiens septin 8 (SEPT8), transcript variant 4, mRNA."
"Homo sapiens septin 9 (SEPT9), mRNA."
"Homo sapiens septin 11 (SEPT11), mRNA."
"Homo sapiens septin 12 (SEPT12), mRNA."
"Homo sapiens septin 14 (SEPT14), mRNA."
"Homo sapiens 15 kDa selenoprotein (SEP15), transcript variant 1, mRNA."
"Homo sapiens AIG2-like domain 1 (A2LD1), mRNA."
"Homo sapiens alpha 1,4-galactosyltransferase (A4GALT), mRNA."
"Homo sapiens alpha-1,4-N-acetylglucosaminyltransferase (A4GNT), mRNA."
"Homo sapiens achalasia, adrenocortical insufficiency, alacrimia (Allgrove, triple-A) (AAAS), mR
"Homo sapiens acetoacetyl-CoA synthetase (AACS), mRNA."
"Homo sapiens arylacetamide deacetylase-like 1 (AADACL1), mRNA."
"Homo sapiens arylacetamide deacetylase-like 2 (AADACL2), mRNA."
"Homo sapiens alpha- and gamma-adaptin binding protein (AAGAB), mRNA."
"Homo sapiens AP2 associated kinase 1 (AAK1), mRNA."
"Homo sapiens angio-associated, migratory cell protein (AAMP), mRNA."
"Homo sapiens alanyl-tRNA synthetase (AARS), mRNA."
"Homo sapiens alanyl-tRNA synthetase 2, mitochondrial (putative) (AARS2), nuclear gene enco
"Homo sapiens alanyl-tRNA synthetase domain containing 1 (AARSD1), mRNA."
"Homo sapiens aminoadipate-semialdehyde dehydrogenase (AASDH), mRNA."
"Homo sapiens aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (
"Homo sapiens aminoadipate-semialdehyde synthase (AASS), nuclear gene encoding mitochor
"Homo sapiens apoptosis antagonizing transcription factor (AATF), mRNA."
"Homo sapiens apoptosis-associated tyrosine kinase (AATK), mRNA."
"Homo sapiens 4-aminobutyrate aminotransferase (ABAT), nuclear gene encoding mitochondria
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 1 (ABCA1), mRNA."
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 11 (pseudogene) (ABCA1
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 2 (ABCA2), transcript varia
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 3 (ABCA3), mRNA."
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 6 (ABCA6), mRNA."

"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 7 (ABCA7), mRNA."
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 8 (ABCA8), mRNA."
"Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 9 (ABCA9), mRNA."
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 1 (ABCB1), mRNA."
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 10 (ABCB10), nuclear
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 4 (ABCB4), transcript
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 6 (ABCB6), nuclear ge
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 7 (ABCB7), nuclear ge
"Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 9 (ABCB9), transcript
"Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 2 (ABCC2), mRNA."
"Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 3 (ABCC3), transcrip
"Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 4 (ABCC4), mRNA."
"Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 5 (ABCC5), transcrip
"Homo sapiens ATP-binding cassette, sub-family C, member 6 pseudogene 1 (ABCC6P1), non-
"Homo sapiens ATP-binding cassette, sub-family D (ALD), member 1 (ABCD1), mRNA."
"Homo sapiens ATP-binding cassette, sub-family D (ALD), member 3 (ABCD3), mRNA."
"Homo sapiens ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), transcript varia
"Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 1 (ABCF1), transcript var
"Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 2 (ABCF2), nuclear gene
"Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 3 (ABCF3), mRNA."
"Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 1 (ABCG1), transcript va
"Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 4 (ABCG4), mRNA."
"Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 5 (ABCG5), mRNA."
"Homo sapiens abhydrolase domain containing 1 (ABHD1), mRNA."
"Homo sapiens abhydrolase domain containing 10 (ABHD10), mRNA."
"Homo sapiens abhydrolase domain containing 11 (ABHD11), transcript variant 6, mRNA."
"Homo sapiens abhydrolase domain containing 12 (ABHD12), transcript variant 1, mRNA."
"Homo sapiens abhydrolase domain containing 12B (ABHD12B), transcript variant 2, mRNA."
"Homo sapiens abhydrolase domain containing 13 (ABHD13), mRNA."
"Homo sapiens abhydrolase domain containing 14A (ABHD14A), mRNA."
"Homo sapiens abhydrolase domain containing 14B (ABHD14B), mRNA."
"Homo sapiens abhydrolase domain containing 15 (ABHD15), mRNA."
"Homo sapiens abhydrolase domain containing 2 (ABHD2), transcript variant 2, mRNA."
"Homo sapiens abhydrolase domain containing 3 (ABHD3), mRNA."
"Homo sapiens abhydrolase domain containing 4 (ABHD4), mRNA."
"Homo sapiens abhydrolase domain containing 5 (ABHD5), mRNA."
"Homo sapiens abhydrolase domain containing 6 (ABHD6), mRNA."
"Homo sapiens abhydrolase domain containing 8 (ABHD8), mRNA."
"Homo sapiens abl-interactor 1 (ABI1), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens abl interactor 2 (ABI2), mRNA."
"Homo sapiens ABI family, member 3 (ABI3), transcript variant 1, mRNA."
"Homo sapiens c-abl oncogene 1, receptor tyrosine kinase (ABL1), transcript variant b, mRNA."
"Homo sapiens v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related
"Homo sapiens actin binding LIM protein 1 (ABLIM1), transcript variant 2, mRNA."

"Homo sapiens actin binding LIM protein family, member 2 (ABLIM2), mRNA."
"Homo sapiens active BCR-related gene (ABR), transcript variant 2, mRNA."
"Homo sapiens activator of basal transcription 1 (ABT1), mRNA."
"Homo sapiens ankyrin repeat and BTB (POZ) domain containing 1 (ABTB1), transcript variant 3
"Homo sapiens ankyrin repeat and BTB (POZ) domain containing 2 (ABTB2), mRNA."
"Homo sapiens acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiol
"Homo sapiens acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thio
"Homo sapiens acetyl-Coenzyme A carboxylase alpha (ACACA), transcript variant 2, mRNA."
"Homo sapiens acetyl-Coenzyme A carboxylase beta (ACACB), mRNA."
"Homo sapiens acyl-Coenzyme A dehydrogenase family, member 10 (ACAD10), mRNA."
"Homo sapiens acyl-Coenzyme A dehydrogenase family, member 11 (ACAD11), mRNA."
"Homo sapiens acyl-Coenzyme A dehydrogenase family, member 8 (ACAD8), mRNA."
"Homo sapiens acyl-Coenzyme A dehydrogenase family, member 9 (ACAD9), mRNA."
"Homo sapiens acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain (ACADM), nuclear
"Homo sapiens acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain (ACADS), nuclear ger
"Homo sapiens acyl-Coenzyme A dehydrogenase, short/branched chain (ACADSB), nuclear ge
"Homo sapiens acyl-Coenzyme A dehydrogenase, very long chain (ACADVL), nuclear gene enc
"Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 (ACAP1), mRNA."
"Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 (ACAP2), mRNA."
"Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 3 (ACAP3), mRNA."
"Homo sapiens acetyl-Coenzyme A acetyltransferase 1 (ACAT1), nuclear gene encoding mitoch
"Homo sapiens acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase) (AC
"Homo sapiens acyl-Coenzyme A binding domain containing 3 (ACBD3), mRNA."
"Homo sapiens acyl-Coenzyme A binding domain containing 4 (ACBD4), mRNA."
"Homo sapiens acyl-Coenzyme A binding domain containing 6 (ACBD6), mRNA."
"PREDICTED: Homo sapiens acyl-Coenzyme A binding domain containing 7 (ACBD7), mRNA."
"Homo sapiens amiloride-sensitive cation channel 3 (ACCN3), transcript variant 2, mRNA."
"Homo sapiens 1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functi
"Homo sapiens adrenocortical dysplasia homolog (mouse) (ACD), transcript variant 2, mRNA."
"Homo sapiens alkaline ceramidase 3 (ACER3), mRNA."
"Homo sapiens acetylcholinesterase (YT blood group) (ACHE), transcript variant E4-E5, mRNA.
"Homo sapiens apoptotic chromatin condensation inducer 1 (ACIN1), mRNA."
"Homo sapiens ATP citrate lyase (ACLY), transcript variant 1, mRNA."
"Homo sapiens ACN9 homolog (S. cerevisiae) (ACN9), mRNA."
"Homo sapiens aconitase 1, soluble (ACO1), mRNA."
"Homo sapiens aconitase 2, mitochondrial (ACO2), nuclear gene encoding mitochondrial protei
"Homo sapiens acyl-CoA thioesterase 1 (ACOT1), mRNA."
"Homo sapiens acyl-CoA thioesterase 12 (ACOT12), mRNA."
"Homo sapiens acyl-CoA thioesterase 2 (ACOT2), nuclear gene encoding mitochondrial protein
"Homo sapiens acyl-CoA thioesterase 4 (ACOT4), mRNA."
"Homo sapiens acyl-CoA thioesterase 8 (ACOT8), transcript variant 1, mRNA."
"Homo sapiens acyl-CoA thioesterase 9 (ACOT9), transcript variant 1, mRNA."
"Homo sapiens acyl-Coenzyme A oxidase 1, palmitoyl (ACOX1), transcript variant 1, mRNA."
"Homo sapiens acyl-Coenzyme A oxidase 2, branched chain (ACOX2), mRNA."

"Homo sapiens acyl-Coenzyme A oxidase 3, pristanoyl (ACOX3), mRNA."
"Homo sapiens acid phosphatase 1, soluble (ACP1), transcript variant 4, mRNA."
"Homo sapiens acid phosphatase 2, lysosomal (ACP2), mRNA."
"Homo sapiens acid phosphatase 6, lysophosphatidic (ACP6), mRNA."
"Homo sapiens acid phosphatase-like 2 (ACPL2), mRNA."
"Homo sapiens acid phosphatase, prostate (ACPP), mRNA."
"Homo sapiens acrosin (ACR), mRNA."
"Homo sapiens acrosin binding protein (ACRBP), mRNA."
"Homo sapiens acidic repeat containing (ACRC), mRNA."
"Homo sapiens acyl-CoA synthetase bubblegum family member 1 (ACSBG1), mRNA."
"Homo sapiens acyl-CoA synthetase family member 2 (ACSF2), mRNA."
"Homo sapiens acyl-CoA synthetase family member 3 (ACSF3), mRNA."
"Homo sapiens acyl-CoA synthetase long-chain family member 1 (ACSL1), mRNA."
"Homo sapiens acyl-CoA synthetase long-chain family member 3 (ACSL3), transcript variant 1,
"Homo sapiens acyl-CoA synthetase long-chain family member 4 (ACSL4), transcript variant 2,
"Homo sapiens acyl-CoA synthetase long-chain family member 5 (ACSL5), transcript variant 1,
"Homo sapiens acyl-CoA synthetase medium-chain family member 3 (ACSM3), transcript variar
"Homo sapiens acyl-CoA synthetase short-chain family member 1 (ACSS1), nuclear gene enco
"Homo sapiens acyl-CoA synthetase short-chain family member 2 (ACSS2), transcript variant 2,
"Homo sapiens actin, alpha 1, skeletal muscle (ACTA1), mRNA."
"Homo sapiens actin, alpha 2, smooth muscle, aorta (ACTA2), mRNA."
"Homo sapiens actin, beta (ACTB), mRNA."
"Homo sapiens actin, beta-like 2 (ACTBL2), mRNA."
"Homo sapiens actin, gamma 1 (ACTG1), mRNA."
"Homo sapiens actin-like 6A (ACTL6A), transcript variant 1, mRNA."
"Homo sapiens actin-like 8 (ACTL8), mRNA."
"Homo sapiens actinin, alpha 1 (ACTN1), mRNA."
"Homo sapiens actinin, alpha 4 (ACTN4), mRNA."
"Homo sapiens actin-related protein 10 homolog (S. cerevisiae) (ACTR10), mRNA."
"Homo sapiens ARP1 actin-related protein 1 homolog A, centractin alpha (yeast) (ACTR1A), mF
"Homo sapiens ARP1 actin-related protein 1 homolog B, centractin beta (yeast) (ACTR1B), mRI
"Homo sapiens ARP2 actin-related protein 2 homolog (yeast) (ACTR2), transcript variant 1, mRI
"Homo sapiens ARP3 actin-related protein 3 homolog (yeast) (ACTR3), mRNA."
"Homo sapiens ARP3 actin-related protein 3 homolog B (yeast) (ACTR3B), transcript variant 2,
"Homo sapiens ARP5 actin-related protein 5 homolog (yeast) (ACTR5), mRNA."
"Homo sapiens ARP6 actin-related protein 6 homolog (yeast) (ACTR6), mRNA."
"Homo sapiens ARP8 actin-related protein 8 homolog (yeast) (ACTR8), mRNA."
"Homo sapiens actin-related protein T1 (ACTRT1), mRNA."
"Homo sapiens activin A receptor, type I (ACVR1), mRNA."
"Homo sapiens activin A receptor, type IIA (ACVR2A), mRNA."
"Homo sapiens aminoacylase 1 (ACY1), mRNA."
"Homo sapiens aspartoacylase (aminocyclase) 3 (ACY3), mRNA."
"Homo sapiens acylphosphatase 1, erythrocyte (common) type (ACYP1), transcript variant 1, m
"Homo sapiens acylphosphatase 2, muscle type (ACYP2), mRNA."

"Homo sapiens adenosine deaminase (ADA), mRNA."
"Homo sapiens adenosine deaminase-like (ADAL), mRNA."
"Homo sapiens ADAM metallopeptidase domain 10 (ADAM10), mRNA."
"Homo sapiens ADAM metallopeptidase domain 11 (ADAM11), mRNA."
"Homo sapiens ADAM metallopeptidase domain 15 (ADAM15), transcript variant 4, mRNA."
"Homo sapiens ADAM metallopeptidase domain 17 (ADAM17), mRNA."
"Homo sapiens ADAM metallopeptidase domain 22 (ADAM22), transcript variant 1, mRNA."
"Homo sapiens ADAM metallopeptidase domain 23 (ADAM23), mRNA."
"Homo sapiens ADAM metallopeptidase domain 28 (ADAM28), transcript variant 3, mRNA."
"Homo sapiens ADAM metallopeptidase domain 30 (ADAM30), mRNA."
"PREDICTED: Homo sapiens ADAM metallopeptidase domain 32 (ADAM32), mRNA."
"Homo sapiens ADAM metallopeptidase domain 8 (ADAM8), mRNA."
"Homo sapiens ADAM metallopeptidase domain 9 (meltrin gamma) (ADAM9), transcript variant
"Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif, 15 (ADAMTS15), mR
"Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif, 6 (ADAMTS6), mRN
"Homo sapiens ADAMTS-like 2 (ADAMTSL2), mRNA."
"Homo sapiens ADAMTS-like 4 (ADAMTSL4), transcript variant 2, mRNA."
"Homo sapiens ADAMTS-like 5 (ADAMTSL5), mRNA."
"Homo sapiens ArfGAP with dual PH domains 1 (ADAP1), mRNA."
"Homo sapiens ArfGAP with dual PH domains 2 (ADAP2), mRNA."
"Homo sapiens adenosine deaminase, RNA-specific (ADAR), transcript variant 1, mRNA."
"Homo sapiens adenosine deaminase, RNA-specific, B1 (RED1 homolog rat) (ADARB1), transc
"Homo sapiens adenosine deaminase, tRNA-specific 1 (ADAT1), mRNA."
"Homo sapiens adenosine deaminase, tRNA-specific 2, TAD2 homolog (S. cerevisiae) (ADAT2)
"Homo sapiens adenosine deaminase, tRNA-specific 3, TAD3 homolog (S. cerevisiae) (ADAT3)
"Homo sapiens arginine decarboxylase (ADC), mRNA."
"Homo sapiens aarF domain containing kinase 1 (ADCK1), mRNA."
"Homo sapiens aarF domain containing kinase 2 (ADCK2), mRNA."
"Homo sapiens aarF domain containing kinase 4 (ADCK4), mRNA."
"Homo sapiens aarF domain containing kinase 5 (ADCK5), mRNA."
"Homo sapiens adenylate cyclase 3 (ADCY3), mRNA."
"Homo sapiens adenylate cyclase 5 (ADCY5), mRNA."
"Homo sapiens adenylate cyclase 7 (ADCY7), mRNA."
"Homo sapiens adenylate cyclase 9 (ADCY9), mRNA."
"Homo sapiens adducin 1 (alpha) (ADD1), transcript variant 4, mRNA."
"Homo sapiens adducin 3 (gamma) (ADD3), transcript variant 2, mRNA."
"Homo sapiens alcohol dehydrogenase 5 (class III), chi polypeptide (ADH5), mRNA."
"Homo sapiens alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide (ADH7), mRNA."
"Homo sapiens alcohol dehydrogenase, iron containing, 1 (ADHFE1), nuclear gene encoding m
"Homo sapiens acireductone dioxygenase 1 (ADI1), mRNA."
"Homo sapiens adiponectin receptor 1 (ADIPOR1), mRNA."
"Homo sapiens adiponectin receptor 2 (ADIPOR2), mRNA."
"Homo sapiens adenosine kinase (ADK), transcript variant ADK-long, mRNA."
"Homo sapiens adrenomedullin (ADM), mRNA."

"Homo sapiens adrenomedullin 2 (ADM2), mRNA."
"Homo sapiens activity-dependent neuroprotector homeobox (ADNP), transcript variant 1, mRN
"Homo sapiens ADNP homeobox 2 (ADNP2), mRNA."
"Homo sapiens 2-aminoethanethiol (cysteamine) dioxygenase (ADO), mRNA."
"Homo sapiens adenosine A2a receptor (ADORA2A), mRNA."
"Homo sapiens adenosine A2b receptor (ADORA2B), mRNA."
"Homo sapiens adenosine A3 receptor (ADORA3), transcript variant 2, mRNA."
"Homo sapiens ADP-dependent glucokinase (ADPGK), mRNA."
"Homo sapiens ADP-ribosylarginine hydrolase (ADPRH), mRNA."
"Homo sapiens ADP-ribosylhydrolase like 1 (ADPRHL1), transcript variant 2, mRNA."
"Homo sapiens ADP-ribosylhydrolase like 2 (ADPRHL2), mRNA."
"Homo sapiens adrenergic, alpha-2A-, receptor (ADRA2A), mRNA."
"Homo sapiens adrenergic, beta-2-, receptor, surface (ADRB2), mRNA."
"Homo sapiens adrenergic, beta, receptor kinase 1 (ADRBK1), mRNA."
"Homo sapiens adhesion regulating molecule 1 (ADRM1), transcript variant 2, mRNA."
"Homo sapiens adenylosuccinate lyase (ADSL), mRNA."
"Homo sapiens adenylosuccinate synthase (ADSS), mRNA."
"Homo sapiens adenylosuccinate synthase like 1 (ADSSL1), transcript variant 1, mRNA."
"Homo sapiens AE binding protein 1 (AEBP1), mRNA."
"Homo sapiens AE binding protein 2 (AEBP2), mRNA."
"Homo sapiens apoptosis enhancing nuclease (AEN), mRNA."
"Homo sapiens amino-terminal enhancer of split (AES), transcript variant 3, mRNA."
"Homo sapiens actin filament associated protein 1-like 2 (AFAP1L2), transcript variant 1, mRNA
"Homo sapiens aflatoxin B1 aldehyde reductase 3 (AFAR3), mRNA."
"Homo sapiens AF4/FMR2 family, member 1 (AFF1), mRNA."
"Homo sapiens AF4/FMR2 family, member 2 (AFF2), mRNA."
"Homo sapiens AF4/FMR2 family, member 3 (AFF3), transcript variant 2, mRNA."
"Homo sapiens AF4/FMR2 family, member 4 (AFF4), mRNA."
"Homo sapiens AFG3 ATPase family gene 3-like 1 (S. cerevisiae) (AFG3L1), transcript variant 3
"Homo sapiens AFG3 ATPase family gene 3-like 2 (yeast) (AFG3L2), nuclear gene encoding mi
"Homo sapiens afamin (AFM), mRNA."
"Homo sapiens arylformamidase (AFMID), mRNA."
"Homo sapiens aftiphilin (AFTPH), transcript variant 2, mRNA."
"Homo sapiens aspartylglucosaminidase (AGA), mRNA."
"Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain 3 (AGAP3), transc
"Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain 8 (AGAP8), mRNA
"Homo sapiens ATP/GTP binding protein-like 5 (AGBL5), transcript variant 1, mRNA."
"Homo sapiens advanced glycosylation end product-specific receptor (AGER), transcript variant
"Homo sapiens ArfGAP with FG repeats 1 (AGFG1), transcript variant 4, mRNA."
"Homo sapiens ArfGAP with FG repeats 2 (AGFG2), mRNA."
"Homo sapiens angiogenic factor with G patch and FHA domains 1 (AGGF1), mRNA."
"Homo sapiens acylglycerol kinase (AGK), mRNA."
"Homo sapiens agmatine ureohydrolase (agmatinase) (AGMAT), mRNA."
"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltrans

"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 3 (AGPAT3), transcript variant 1,
"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltrans
"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltrans
"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltrans
"Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 9 (AGPAT9), mRNA."
"Homo sapiens anterior gradient homolog 2 (Xenopus laevis) (AGR2), mRNA."
"Homo sapiens anterior gradient homolog 3 (Xenopus laevis) (AGR3), mRNA."
"Homo sapiens agrin (AGRN), mRNA."
"Homo sapiens agouti related protein homolog (mouse) (AGRP), transcript variant 1, mRNA."
"Homo sapiens ATP/GTP binding protein 1 (AGTPBP1), mRNA."
"Homo sapiens angiotensin II receptor-associated protein (AGTRAP), transcript variant 2, mRNA
"Homo sapiens alanine-glyoxylate aminotransferase 2-like 2 (AGXT2L2), mRNA."
"PREDICTED: Homo sapiens AT hook containing transcription factor 1 (AHCTF1), mRNA."
"Homo sapiens S-adenosylhomocysteine hydrolase (AHCY), mRNA."
"Homo sapiens adenosylhomocysteinase-like 1 (AHCYL1), mRNA."
"Homo sapiens S-adenosylhomocysteine hydrolase-like 2 (AHCYL2), mRNA."
"Homo sapiens AT hook, DNA binding motif, containing 1 (AHDC1), mRNA."
"Homo sapiens Abelson helper integration site 1 (AHI1), mRNA."
"Homo sapiens AHNAK nucleoprotein 2 (AHNAK2), mRNA."
"Homo sapiens aryl hydrocarbon receptor (AHR), mRNA."
"Homo sapiens AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) (AHSA
"Homo sapiens AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast) (AHSA
"Homo sapiens alpha hemoglobin stabilizing protein (AHSP), mRNA."
"Homo sapiens activation-induced cytidine deaminase (AICDA), mRNA."
"Homo sapiens axin interactor, dorsalization associated (AIDA), mRNA."
"Homo sapiens allograft inflammatory factor 1 (AIF1), transcript variant 3, mRNA."
"Homo sapiens allograft inflammatory factor 1-like (AIF1L), transcript variant 1, mRNA."
"Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 1 (AIFM1), nuclear gene e
"Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 2 (AIFM2), nuclear gene e
"Homo sapiens androgen-induced 1 (AIG1), mRNA."
"Homo sapiens absent in melanoma 1 (AIM1), mRNA."
"Homo sapiens absent in melanoma 1-like (AIM1L), mRNA."
"Homo sapiens absent in melanoma 2 (AIM2), mRNA."
"Homo sapiens aminoacyl tRNA synthetase complex-interacting multifunctional protein 2 (AIMP2
"Homo sapiens aryl hydrocarbon receptor interacting protein (AIP), mRNA."
"Homo sapiens autoimmune regulator (AIRE), transcript variant AIRE-2, mRNA."
"Homo sapiens adenylate kinase 1 (AK1), mRNA."
"Homo sapiens adenylate kinase 2 (AK2), transcript variant AK2B, mRNA."
"Homo sapiens adenylate kinase 3 (AK3), nuclear gene encoding mitochondrial protein, mRNA.
"Homo sapiens adenylate kinase 3-like 1 (AK3L1), nuclear gene encoding mitochondrial protein
"Homo sapiens A kinase (PRKA) anchor protein 1 (AKAP1), nuclear gene encoding mitochondri
"Homo sapiens A kinase (PRKA) anchor protein 11 (AKAP11), mRNA."
"Homo sapiens A kinase (PRKA) anchor protein (gravin) 12 (AKAP12), transcript variant 1, mRN
"Homo sapiens A kinase (PRKA) anchor protein 13 (AKAP13), transcript variant 3, mRNA."

"Homo sapiens A kinase (PRKA) anchor protein 5 (AKAP5), mRNA."
"Homo sapiens A kinase (PRKA) anchor protein 8 (AKAP8), mRNA."
"Homo sapiens A kinase (PRKA) anchor protein 8-like (AKAP8L), mRNA."
"Homo sapiens akirin 1 (AKIRIN1), mRNA."
"Homo sapiens akirin 2 (AKIRIN2), mRNA."
"Homo sapiens AT-hook transcription factor (AKNA), mRNA."
"Homo sapiens aldo-keto reductase family 1, member A1 (aldehyde reductase) (AKR1A1), trans
"Homo sapiens aldo-keto reductase family 1, member B1 (aldose reductase) (AKR1B1), mRNA.
"Homo sapiens aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenas
"Homo sapiens aldo-keto reductase family 1, member C-like 1 (AKR1CL1), mRNA."
"Homo sapiens aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductas
"Homo sapiens aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) (AKR7.
"Homo sapiens aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase) (AKR7.
"Homo sapiens v-akt murine thymoma viral oncogene homolog 1 (AKT1), transcript variant 1, m
"Homo sapiens AKT1 substrate 1 (proline-rich) (AKT1S1), mRNA."
"Homo sapiens v-akt murine thymoma viral oncogene homolog 2 (AKT2), mRNA."
"Homo sapiens AKT interacting protein (AKTIP), transcript variant 2, mRNA."
"Homo sapiens aminolevulinate, delta-, dehydratase (ALAD), transcript variant 2, mRNA."
"Homo sapiens aminolevulinate, delta-, synthase 1 (ALAS1), transcript variant 1, mRNA."
"Homo sapiens albumin (ALB), mRNA."
"Homo sapiens activated leukocyte cell adhesion molecule (ALCAM), mRNA."
"Homo sapiens aldehyde dehydrogenase 16 family, member A1 (ALDH16A1), mRNA."
"Homo sapiens aldehyde dehydrogenase 18 family, member A1 (ALDH18A1), nuclear gene enc
"Homo sapiens aldehyde dehydrogenase 1 family, member A1 (ALDH1A1), mRNA."
"Homo sapiens aldehyde dehydrogenase 1 family, member A3 (ALDH1A3), mRNA."
"Homo sapiens aldehyde dehydrogenase 1 family, member B1 (ALDH1B1), nuclear gene encoc
"PREDICTED: Homo sapiens aldehyde dehydrogenase 1 family, member L2 (ALDH1L2), mRNA
"Homo sapiens aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2), nuclear gene encod
"Homo sapiens aldehyde dehydrogenase 3 family, member A2 (ALDH3A2), transcript variant 2,
"Homo sapiens aldehyde dehydrogenase 3 family, member B1 (ALDH3B1), transcript variant 1,
"Homo sapiens aldehyde dehydrogenase 4 family, member A1 (ALDH4A1), nuclear gene encoc
"Homo sapiens aldehyde dehydrogenase 5 family, member A1 (ALDH5A1), nuclear gene encoc
"Homo sapiens aldehyde dehydrogenase 6 family, member A1 (ALDH6A1), nuclear gene encoc
"Homo sapiens aldehyde dehydrogenase 7 family, member A1 (ALDH7A1), mRNA."
"Homo sapiens aldehyde dehydrogenase 9 family, member A1 (ALDH9A1), mRNA."
"Homo sapiens aldolase A, fructose-bisphosphate (ALDOA), transcript variant 2, mRNA."
"Homo sapiens aldolase C, fructose-bisphosphate (ALDOC), mRNA."
"Homo sapiens asparagine-linked glycosylation 1 homolog (S. cerevisiae, beta-1,4-mannosyltra
"Homo sapiens asparagine-linked glycosylation 10, alpha-1,2-glucosyltransferase homolog (S. p
"Homo sapiens asparagine-linked glycosylation 10, alpha-1,2-glucosyltransferase homolog B (ye
"Homo sapiens asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (ye
"Homo sapiens asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S.
"Homo sapiens asparagine-linked glycosylation 13 homolog (S. cerevisiae) (ALG13), mRNA."
"Homo sapiens asparagine-linked glycosylation 14 homolog (S. cerevisiae) (ALG14), mRNA."

"Homo sapiens asparagine-linked glycosylation 1-like (ALG1L), mRNA."
"Homo sapiens asparagine-linked glycosylation 2 homolog (yeast, alpha-1,3-mannosyltransfera
"Homo sapiens asparagine-linked glycosylation 3 homolog (S. cerevisiae, alpha-1,3-mannosyltra
"Homo sapiens asparagine-linked glycosylation 5 homolog (S. cerevisiae, dolichyl-phosphate be
"Homo sapiens asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltran
"Homo sapiens asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. ce
"Homo sapiens asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. c
"Homo sapiens alkB, alkylation repair homolog 1 (E. coli) (ALKBH1), mRNA."
"Homo sapiens alkB, alkylation repair homolog 2 (E. coli) (ALKBH2), mRNA."
"Homo sapiens alkB, alkylation repair homolog 3 (E. coli) (ALKBH3), mRNA."
"Homo sapiens alkB, alkylation repair homolog 4 (E. coli) (ALKBH4), mRNA."
"Homo sapiens alkB, alkylation repair homolog 5 (E. coli) (ALKBH5), mRNA."
"Homo sapiens alkB, alkylation repair homolog 6 (E. coli) (ALKBH6), transcript variant 1, mRNA.
"Homo sapiens alkB, alkylation repair homolog 7 (E. coli) (ALKBH7), mRNA."
"Homo sapiens alkB, alkylation repair homolog 8 (E. coli) (ALKBH8), mRNA."
"Homo sapiens Alstrom syndrome 1 (ALMS1), mRNA."
"Homo sapiens arachidonate 12-lipoxygenase, 12R type (ALOX12B), mRNA."
"Homo sapiens arachidonate 5-lipoxygenase (ALOX5), mRNA."
"Homo sapiens arachidonate 5-lipoxygenase-activating protein (ALOX5AP), mRNA."
"Homo sapiens alkaline phosphatase, intestinal (ALPI), mRNA."
"Homo sapiens alpha-kinase 1 (ALPK1), mRNA."
"Homo sapiens alpha-kinase 2 (ALPK2), mRNA."
"Homo sapiens alkaline phosphatase, liver/bone/kidney (ALPL), transcript variant 1, mRNA."
"Homo sapiens alkaline phosphatase, placental (Regan isozyme) (ALPP), mRNA."
"Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) (ALS2), mRNA."
"Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 12 (AL
"Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 14 (AL
"PREDICTED: Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, can
"Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4 (ALS2
"Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 8 (ALS2
"Homo sapiens alpha-methylacyl-CoA racemase (AMACR), transcript variant 1, mRNA."
"Homo sapiens autophagy/beclin-1 regulator 1 (AMBRA1), mRNA."
"Homo sapiens adenosylmethionine decarboxylase 1 (AMD1), transcript variant 2, mRNA."
"Homo sapiens amidohydrolase domain containing 1 (AMDHD1), mRNA."
"Homo sapiens amidohydrolase domain containing 2 (AMDHD2), mRNA."
"Homo sapiens autocrine motility factor receptor (AMFR), mRNA."
"Homo sapiens adhesion molecule, interacts with CXADR antigen 1 (AMICA1), mRNA."
"Homo sapiens adhesion molecule with Ig-like domain 3 (AMIGO3), mRNA."
"Homo sapiens Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chro
"Homo sapiens AMME chromosomal region gene 1-like (AMMECR1L), mRNA."
"Homo sapiens amnionless homolog (mouse) (AMN), mRNA."
"Homo sapiens antagonist of mitotic exit network 1 homolog (S. cerevisiae) (AMN1), mRNA."
"Homo sapiens angiomotin (AMOT), transcript variant 2, mRNA."
"Homo sapiens angiomotin like 2 (AMOTL2), mRNA."

"Homo sapiens adenosine monophosphate deaminase (isoform E) (AMPD3), transcript variant 2
"Homo sapiens aminomethyltransferase (AMT), mRNA."
"Homo sapiens amylase, alpha 1A (salivary) (AMY1A), transcript variant 2, mRNA."
"Homo sapiens amylase, alpha 1B (salivary) (AMY1B), mRNA."
"Homo sapiens amylase, alpha 1C (salivary) (AMY1C), mRNA."
"Homo sapiens amylase, alpha 2A (pancreatic) (AMY2A), mRNA."
"Homo sapiens amylase, alpha 2B (pancreatic) (AMY2B), mRNA."
"Homo sapiens archaelysin family metallopeptidase 2 (AMZ2), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens anaphase promoting complex subunit 1 (ANAPC1), mRNA."
"Homo sapiens anaphase promoting complex subunit 10 (ANAPC10), mRNA."
"PREDICTED: Homo sapiens APC11 anaphase promoting complex subunit 11 homolog (yeast)
"Homo sapiens anaphase promoting complex subunit 13 (ANAPC13), mRNA."
"Homo sapiens anaphase promoting complex subunit 2 (ANAPC2), mRNA."
"Homo sapiens anaphase promoting complex subunit 4 (ANAPC4), mRNA."
"Homo sapiens anaphase promoting complex subunit 7 (ANAPC7), mRNA."
"Homo sapiens angiogenin, ribonuclease, RNase A family, 5 (ANG), transcript variant 2, mRNA.
"Homo sapiens angel homolog 1 (Drosophila) (ANGEL1), mRNA."
"Homo sapiens angel homolog 2 (Drosophila) (ANGEL2), mRNA."
"Homo sapiens angiopoietin-like 4 (ANGPTL4), transcript variant 3, mRNA."
"Homo sapiens angiopoietin-like 6 (ANGPTL6), mRNA."
"Homo sapiens angiopoietin-like 7 (ANGPTL7), mRNA."
"Homo sapiens ankyrin 3, node of Ranvier (ankyrin G) (ANK3), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat and death domain containing 1A (ANKDD1A), mRNA."
"Homo sapiens ankyrin repeat and FYVE domain containing 1 (ANKFY1), transcript variant 2, m
"Homo sapiens ankyrin repeat and KH domain containing 1 (ANKHD1), transcript variant 2, mRN
"Homo sapiens ANKHD1-EIF4EBP3 readthrough (ANKHD1-EIF4EBP3), mRNA."
"Homo sapiens ankyrin repeat and IBR domain containing 1 (ANKIB1), mRNA."
"Homo sapiens ankyrin repeat and LEM domain containing 1 (ANKLE1), mRNA."
"Homo sapiens ankyrin repeat and LEM domain containing 2 (ANKLE2), mRNA."
"Homo sapiens ankyrin repeat and MYND domain containing 2 (ANKMY2), mRNA."
"Homo sapiens ankyrin repeat, family A (RFXANK-like), 2 (ANKRA2), mRNA."
"Homo sapiens ankyrin repeat domain 1 (cardiac muscle) (ANKRD1), mRNA."
"Homo sapiens ankyrin repeat domain 10 (ANKRD10), mRNA."
"Homo sapiens ankyrin repeat domain 11 (ANKRD11), mRNA."
"Homo sapiens ankyrin repeat domain 12 (ANKRD12), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat domain 13A (ANKRD13A), mRNA."
"Homo sapiens ankyrin repeat domain 13B (ANKRD13B), mRNA."
"Homo sapiens ankyrin repeat domain 13C (ANKRD13C), mRNA."
"PREDICTED: Homo sapiens ankyrin repeat domain 13 family, member D, transcript variant 3 (
"Homo sapiens ankyrin repeat domain 16 (ANKRD16), transcript variant 2, mRNA."
"Homo sapiens ankyrin repeat domain 17 (ANKRD17), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens ankyrin repeat domain 18A (ANKRD18A), mRNA."
"PREDICTED: Homo sapiens ankyrin repeat domain 18B (ANKRD18B), mRNA."
"Homo sapiens ankyrin repeat domain 19 (ANKRD19), mRNA."

"Homo sapiens ankyrin repeat domain 20 family, member A1 (ANKRD20A1), mRNA."
"Homo sapiens ankyrin repeat domain 20 family, member A4 (ANKRD20A4), mRNA."
"Homo sapiens ankyrin repeat domain 22 (ANKRD22), mRNA."
"Homo sapiens ankyrin repeat domain 23 (ANKRD23), mRNA."
"Homo sapiens ankyrin repeat domain 24 (ANKRD24), mRNA."
"Homo sapiens ankyrin repeat domain 26 (ANKRD26), mRNA."
"Homo sapiens ankyrin repeat domain 27 (VPS9 domain) (ANKRD27), mRNA."
"Homo sapiens ankyrin repeat domain 28 (ANKRD28), mRNA."
"Homo sapiens ankyrin repeat domain 32 (ANKRD32), mRNA."
"Homo sapiens ankyrin repeat domain 33 (ANKRD33), mRNA."
"Homo sapiens ankyrin repeat domain 34A (ANKRD34A), mRNA."
"PREDICTED: Homo sapiens ankyrin repeat domain 34C, transcript variant 2 (ANKRD34C), mR
"Homo sapiens ankyrin repeat domain 35 (ANKRD35), mRNA."
"Homo sapiens ankyrin repeat domain 36 (ANKRD36), mRNA."
"Homo sapiens ankyrin repeat domain 37 (ANKRD37), mRNA."
"Homo sapiens ankyrin repeat domain 39 (ANKRD39), mRNA."
"Homo sapiens ankyrin repeat domain 40 (ANKRD40), mRNA."
"Homo sapiens ankyrin repeat domain 41 (ANKRD41), mRNA."
"Homo sapiens ankyrin repeat domain 43 (ANKRD43), mRNA."
"Homo sapiens ankyrin repeat domain 46 (ANKRD46), mRNA."
"Homo sapiens ankyrin repeat domain 47 (ANKRD47), mRNA."
"Homo sapiens ankyrin repeat domain 49 (ANKRD49), mRNA."
"Homo sapiens ankyrin repeat domain 5 (ANKRD5), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat domain 50 (ANKRD50), mRNA."
"Homo sapiens ankyrin repeat domain 52 (ANKRD52), mRNA."
"Homo sapiens ankyrin repeat domain 53 (ANKRD53), mRNA."
"Homo sapiens ankyrin repeat domain 54 (ANKRD54), mRNA."
"Homo sapiens ankyrin repeat domain 56 (ANKRD56), mRNA."
"PREDICTED: Homo sapiens ankyrin repeat domain 58 (ANKRD58), mRNA."
"Homo sapiens ankyrin repeat domain 6 (ANKRD6), mRNA."
"Homo sapiens ankyrin repeat domain 7 (ANKRD7), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat domain 9 (ANKRD9), mRNA."
"Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1A (ANKS1A), mRNA."
"Homo sapiens ankyrin repeat and sterile alpha motif domain containing 3 (ANKS3), mRNA."
"Homo sapiens ankyrin repeat and sterile alpha motif domain containing 6 (ANKS6), mRNA."
"Homo sapiens ankyrin repeat and zinc finger domain containing 1 (ANKZF1), transcript variant
"Homo sapiens anillin, actin binding protein (ANLN), mRNA."
"Homo sapiens anoctamin 10 (ANO10), mRNA."
"Homo sapiens anoctamin 6 (ANO6), mRNA."
"Homo sapiens anoctamin 8 (ANO8), mRNA."
"Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member A (ANP32A), mR
"Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member B (ANP32B), mR
"Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member D (ANP32D), mR
"Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member E (ANP32E), mR

"Homo sapiens anthrax toxin receptor 1 (ANTXR1), transcript variant 1, mRNA."
"Homo sapiens anthrax toxin receptor 2 (ANTXR2), mRNA."
"Homo sapiens AN1, ubiquitin-like, homolog (Xenopus laevis) (ANUBL1), mRNA."
"Homo sapiens annexin A1 (ANXA1), mRNA."
"Homo sapiens annexin A11 (ANXA11), transcript variant c, mRNA."
"Homo sapiens annexin A2 (ANXA2), transcript variant 1, mRNA."
Homo sapiens annexin A2 pseudogene 1 (ANXA2P1) on chromosome 4.
"Homo sapiens annexin A2 pseudogene 2 (ANXA2P2), non-coding RNA."
"Homo sapiens annexin A3 (ANXA3), mRNA."
"Homo sapiens annexin A4 (ANXA4), mRNA."
"Homo sapiens annexin A5 (ANXA5), mRNA."
"Homo sapiens annexin A6 (ANXA6), transcript variant 1, mRNA."
"Homo sapiens annexin A7 (ANXA7), transcript variant 2, mRNA."
"Homo sapiens amine oxidase, copper containing 2 (retina-specific) (AOC2), transcript variant 1
"Homo sapiens amine oxidase, copper containing 3 (vascular adhesion protein 1) (AOC3), mRN
"Homo sapiens amine oxidase (flavin containing) domain 2 (AOF2), transcript variant 2, mRNA."
"Homo sapiens aldehyde oxidase 1 (AOX1), mRNA."
"Homo sapiens aldehyde oxidase 2 pseudogene (AOX2P), non-coding RNA."
"Homo sapiens adaptor-related protein complex 1, beta 1 subunit (AP1B1), transcript variant 2,
"Homo sapiens adaptor-related protein complex 1, gamma 1 subunit (AP1G1), transcript variant
"Homo sapiens adaptor-related protein complex 1, gamma 2 subunit (AP1G2), transcript variant
"Homo sapiens AP1 gamma subunit binding protein 1 (AP1GBP1), transcript variant 1, mRNA."
"Homo sapiens adaptor-related protein complex 1, sigma 1 subunit (AP1S1), transcript variant 2
"Homo sapiens adaptor-related protein complex 1, sigma 2 subunit (AP1S2), mRNA."
"Homo sapiens adaptor-related protein complex 1, sigma 3 subunit (AP1S3), mRNA."
"Homo sapiens adaptor-related protein complex 2, alpha 1 subunit (AP2A1), transcript variant 1
"Homo sapiens adaptor-related protein complex 2, mu 1 subunit (AP2M1), transcript variant 1, n
"Homo sapiens adaptor-related protein complex 2, sigma 1 subunit (AP2S1), transcript variant A
"Homo sapiens adaptor-related protein complex 3, beta 1 subunit (AP3B1), mRNA."
"Homo sapiens adaptor-related protein complex 3, beta 2 subunit (AP3B2), mRNA."
"Homo sapiens adaptor-related protein complex 3, delta 1 subunit (AP3D1), transcript variant 2,
"Homo sapiens adaptor-related protein complex 3, mu 1 subunit (AP3M1), transcript variant 2, n
"Homo sapiens adaptor-related protein complex 3, mu 2 subunit (AP3M2), mRNA."
"Homo sapiens adaptor-related protein complex 3, sigma 1 subunit (AP3S1), transcript variant 2
"Homo sapiens adaptor-related protein complex 3, sigma 2 subunit (AP3S2), mRNA."
"Homo sapiens adaptor-related protein complex 4, beta 1 subunit (AP4B1), mRNA."
"Homo sapiens adaptor-related protein complex 4, epsilon 1 subunit (AP4E1), mRNA."
"Homo sapiens apoptotic peptidase activating factor 1 (APAF1), transcript variant 1, mRNA."
"Homo sapiens amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein
"Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 1 interacting prot
"Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 2 (APBB2), mRN
"Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 3 (APBB3), trans
"Homo sapiens adenomatous polyposis coli (APC), mRNA."
"Homo sapiens adenomatosis polyposis coli down-regulated 1 (APCDD1), mRNA."

"Homo sapiens aortic preferentially expressed gene 1 (APEG1), mRNA."
"Homo sapiens N-acylaminoacyl-peptide hydrolase (APEH), mRNA."
"Homo sapiens APEX nuclease (multifunctional DNA repair enzyme) 1 (APEX1), transcript varia
"Homo sapiens APEX nuclease (apurinic/apyrimidinic endonuclease) 2 (APEX2), nuclear gene e
"Homo sapiens anterior pharynx defective 1 homolog B (C. elegans) (APH1B), mRNA."
"Homo sapiens apoptosis inhibitor 5 (API5), mRNA."
"Homo sapiens APAF1 interacting protein (APIP), mRNA."
"Homo sapiens apoptosis-inducing, TAF9-like domain 1 (APITD1), transcript variant B, mRNA."
"Homo sapiens amyloid beta (A4) precursor-like protein 1 (APLP1), transcript variant 2, mRNA."
"Homo sapiens amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA."
"PREDICTED: Homo sapiens BTB/POZ-zinc finger protein-like (APM-1), mRNA."
"Homo sapiens apolipoprotein A-I binding protein (APOA1BP), mRNA."
"Homo sapiens apolipoprotein A-IV (APOA4), mRNA."
"Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B (APOBEC3
"Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F (APOBEC3
"Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G (APOBEC
"Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H (APOBEC3
"Homo sapiens apolipoprotein C-III (APOC3), mRNA."
"Homo sapiens apolipoprotein E (APOE), mRNA."
"Homo sapiens apolipoprotein L, 2 (APOL2), transcript variant alpha, mRNA."
"Homo sapiens apolipoprotein L, 3 (APOL3), transcript variant beta/a, mRNA."
"Homo sapiens apolipoprotein L, 6 (APOL6), mRNA."
"Homo sapiens apolipoprotein L domain containing 1 (APOLD1), mRNA."
"Homo sapiens apolipoprotein M (APOM), mRNA."
"Homo sapiens apolipoprotein O (APOO), mRNA."
"Homo sapiens apolipoprotein O-like (APOOL), mRNA."
"Homo sapiens amyloid beta precursor protein (cytoplasmic tail) binding protein 2 (APPBP2), m
"Homo sapiens adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper con
"Homo sapiens adenine phosphoribosyltransferase (APRT), transcript variant 1, mRNA."
"Homo sapiens aprataxin (APTX), transcript variant 4, mRNA."
"Homo sapiens aquaporin 11 (AQP11), mRNA."
"Homo sapiens aquaporin 3 (Gill blood group) (AQP3), mRNA."
"Homo sapiens aquaporin 7 pseudogene 1 (AQP7P1), non-coding RNA."
"Homo sapiens aquarius homolog (mouse) (AQR), mRNA."
"Homo sapiens v-raf murine sarcoma 3611 viral oncogene homolog (ARAF), mRNA."
"Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 (ARAP1), transc
"Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3 (ARAP3), mRN
"Homo sapiens activity-regulated cytoskeleton-associated protein (ARC), mRNA."
"Homo sapiens archain 1 (ARCN1), mRNA."
"Homo sapiens ARD1 homolog A, N-acetyltransferase (S. cerevisiae) (ARD1A), mRNA."
"Homo sapiens ARD1 homolog B (S. cerevisiae) (ARD1B), mRNA."
"Homo sapiens ADP-ribosylation factor 3 (ARF3), mRNA."
"Homo sapiens ADP-ribosylation factor 4 (ARF4), mRNA."
"Homo sapiens ADP-ribosylation factor 5 (ARF5), mRNA."

"Homo sapiens ADP-ribosylation factor 6 (ARF6), mRNA."
"Homo sapiens ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1), transcript varia
"Homo sapiens ADP-ribosylation factor GTPase activating protein 2 (ARFGAP2), mRNA."
"Homo sapiens ADP-ribosylation factor GTPase activating protein 3 (ARFGAP3), mRNA."
"Homo sapiens ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibit
"Homo sapiens ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibi
"Homo sapiens ADP-ribosylation factor interacting protein 1 (ARFIP1), transcript variant 2, mRN
"Homo sapiens ADP-ribosylation factor interacting protein 2 (ARFIP2), mRNA."
"Homo sapiens arginase, type II (ARG2), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens ARG99 protein (ARG99), transcript variant 1, mRNA."
"Homo sapiens arginine-fifty homeobox pseudogene 2 (ARGFXP2), non-coding RNA."
"Homo sapiens arginine and glutamate rich 1 (ARGLU1), mRNA."
"Homo sapiens Rho GTPase activating protein 1 (ARHGAP1), mRNA."
"Homo sapiens Rho GTPase activating protein 10 (ARHGAP10), mRNA."
"Homo sapiens Rho GTPase activating protein 11A (ARHGAP11A), transcript variant 1, mRNA.
"Homo sapiens Rho GTPase activating protein 11B (ARHGAP11B), mRNA. XM_931045 XM_93
"Homo sapiens Rho GTPase activating protein 12 (ARHGAP12), mRNA."
"Homo sapiens Rho GTPase activating protein 15 (ARHGAP15), mRNA."
"Homo sapiens Rho GTPase activating protein 17 (ARHGAP17), transcript variant 1, mRNA."
"Homo sapiens Rho GTPase activating protein 18 (ARHGAP18), mRNA."
"Homo sapiens Rho GTPase activating protein 19 (ARHGAP19), mRNA."
"Homo sapiens Rho GTPase activating protein 21 (ARHGAP21), mRNA."
"PREDICTED: Homo sapiens Rho GTPase activating protein 23, transcript variant 1 (ARHGAP2
"Homo sapiens Rho GTPase activating protein 24 (ARHGAP24), transcript variant 3, mRNA."
"Homo sapiens Rho GTPase activating protein 25 (ARHGAP25), transcript variant 1, mRNA."
"Homo sapiens Rho GTPase activating protein 26 (ARHGAP26), mRNA."
"Homo sapiens Rho GTPase activating protein 27 (ARHGAP27), mRNA."
"Homo sapiens Rho GTPase activating protein 30 (ARHGAP30), transcript variant 1, mRNA."
"Homo sapiens Rho GTPase activating protein 4 (ARHGAP4), mRNA."
"Homo sapiens Rho GTPase activating protein 5 (ARHGAP5), transcript variant 2, mRNA."
"Homo sapiens Rho GTPase activating protein 9 (ARHGAP9), transcript variant 2, mRNA."
"Homo sapiens Rho GDP dissociation inhibitor (GDI) alpha (ARHGDIA), mRNA."
"Homo sapiens Rho GDP dissociation inhibitor (GDI) beta (ARHGDIB), mRNA."
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 1 (ARHGEF1), transcript variant
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 10 (ARHGEF10), mRNA."
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 11 (ARHGEF11), transcript varia
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 12 (ARHGEF12), mRNA."
"Homo sapiens Rho guanine exchange factor (GEF) 16 (ARHGEF16), mRNA."
"Homo sapiens rho/rac guanine nucleotide exchange factor (GEF) 18 (ARHGEF18), mRNA."
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 19 (ARHGEF19), mRNA."
"Homo sapiens rho/rac guanine nucleotide exchange factor (GEF) 2 (ARHGEF2), mRNA."
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 3 (ARHGEF3), mRNA."
"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 4 (ARHGEF4), transcript variant
"Homo sapiens Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 (ARHGEF6), mRNA."

"Homo sapiens Rho guanine nucleotide exchange factor (GEF) 7 (ARHGEF7), transcript variant
"Homo sapiens Cdc42 guanine nucleotide exchange factor (GEF) 9 (ARHGEF9), mRNA."
"Homo sapiens AT rich interactive domain 1B (SWI1-like) (ARID1B), transcript variant 3, mRNA
"Homo sapiens AT rich interactive domain 2 (ARID, RFX-like) (ARID2), mRNA."
"Homo sapiens AT rich interactive domain 3A (BRIGHT-like) (ARID3A), mRNA."
"Homo sapiens AT rich interactive domain 3B (BRIGHT-like) (ARID3B), mRNA."
"Homo sapiens AT rich interactive domain 3C (BRIGHT-like) (ARID3C), mRNA."
"Homo sapiens AT rich interactive domain 4A (RBP1-like) (ARID4A), transcript variant 3, mRNA
"Homo sapiens AT rich interactive domain 4B (RBP1-like) (ARID4B), transcript variant 1, mRNA
"Homo sapiens AT rich interactive domain 5A (MRF1-like) (ARID5A), mRNA."
"Homo sapiens AT rich interactive domain 5B (MRF1-like) (ARID5B), mRNA."
"Homo sapiens ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophil
"Homo sapiens ADP-ribosylation factor-like 1 (ARL1), mRNA."
"Homo sapiens ADP-ribosylation factor-like 11 (ARL11), mRNA."
"Homo sapiens ADP-ribosylation factor-like 13B (ARL13B), transcript variant 1, mRNA."
"Homo sapiens ADP-ribosylation factor-like 15 (ARL15), mRNA."
"Homo sapiens ADP-ribosylation factor-like 16 (ARL16), mRNA."
"Homo sapiens ADP-ribosylation factor-like 17B (ARL17B), transcript variant 2, mRNA."
"Homo sapiens ADP-ribosylation factor-like 17 pseudogene 1 (ARL17P1), mRNA."
"Homo sapiens ADP-ribosylation factor-like 2 (ARL2), mRNA."
"Homo sapiens ADP-ribosylation factor-like 2 binding protein (ARL2BP), mRNA."
"Homo sapiens ADP-ribosylation factor-like 3 (ARL3), mRNA."
"Homo sapiens ADP-ribosylation factor-like 4A (ARL4A), transcript variant 3, mRNA."
"Homo sapiens ADP-ribosylation factor-like 4C (ARL4C), mRNA."
"Homo sapiens ADP-ribosylation factor-like 5A (ARL5A), transcript variant 3, mRNA."
"Homo sapiens ADP-ribosylation factor-like 5B (ARL5B), mRNA."
"PREDICTED: Homo sapiens ADP-ribosylation factor-like 5C (ARL5C), mRNA."
"Homo sapiens ADP-ribosylation factor-like 6 (ARL6), transcript variant 1, mRNA."
"Homo sapiens ADP-ribosylation factor-like 6 interacting protein 1 (ARL6IP1), mRNA."
"Homo sapiens ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), transcript variant
"Homo sapiens ADP-ribosylation-like factor 6 interacting protein 5 (ARL6IP5), mRNA."
"Homo sapiens ADP-ribosylation-like factor 6 interacting protein 6 (ARL6IP6), mRNA."
"Homo sapiens ADP-ribosylation factor-like 8A (ARL8A), mRNA."
"Homo sapiens ADP-ribosylation factor-like 8B (ARL8B), mRNA."
"Homo sapiens ADP-ribosylation factor-like 9 (ARL9), mRNA."
"Homo sapiens armadillo repeat containing 10 (ARMC10), mRNA."
"Homo sapiens armadillo repeat containing 5 (ARMC5), mRNA."
"Homo sapiens armadillo repeat containing 6 (ARMC6), mRNA."
"Homo sapiens armadillo repeat containing 7 (ARMC7), mRNA."
"Homo sapiens armadillo repeat containing 8 (ARMC8), transcript variant 2, mRNA."
"Homo sapiens armadillo repeat containing, X-linked 1 (ARMCX1), mRNA."
"Homo sapiens armadillo repeat containing, X-linked 2 (ARMCX2), mRNA."
"Homo sapiens armadillo repeat containing, X-linked 3 (ARMCX3), transcript variant 2, mRNA."
"Homo sapiens armadillo repeat containing, X-linked 6 (ARMCX6), transcript variant 1, mRNA."

"Homo sapiens arginine-rich, mutated in early stage tumors (ARMET), mRNA."
"Homo sapiens aryl hydrocarbon receptor nuclear translocator (ARNT), transcript variant 1, mRN
"Homo sapiens aryl-hydrocarbon receptor nuclear translocator 2 (ARNT2), mRNA."
"Homo sapiens aryl hydrocarbon receptor nuclear translocator-like (ARNTL), transcript variant 2
"PREDICTED: Homo sapiens misc_RNA (ARP11), miscRNA."
"Homo sapiens actin related protein 2/3 complex, subunit 1A, 41kDa (ARPC1A), mRNA."
"Homo sapiens actin related protein 2/3 complex, subunit 1B, 41kDa (ARPC1B), mRNA."
"Homo sapiens actin related protein 2/3 complex, subunit 2, 34kDa (ARPC2), transcript variant 2
"Homo sapiens actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3), mRNA."
"Homo sapiens actin related protein 2/3 complex, subunit 4, 20kDa (ARPC4), transcript variant 1
"Homo sapiens actin related protein 2/3 complex, subunit 5, 16kDa (ARPC5), mRNA."
"Homo sapiens actin related protein 2/3 complex, subunit 5-like (ARPC5L), mRNA."
"Homo sapiens actin related protein M1 (ARPM1), mRNA."
"Homo sapiens cAMP-regulated phosphoprotein, 19kDa (ARPP19), mRNA."
"Homo sapiens cyclic AMP-regulated phosphoprotein, 21 kD (ARPP-21), transcript variant 1, mR
"Homo sapiens arrestin 3, retinal (X-arrestin) (ARR3), mRNA."
"Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 2, mRNA."
"Homo sapiens arrestin domain containing 1 (ARRDC1), mRNA."
"Homo sapiens arrestin domain containing 2 (ARRDC2), transcript variant 1, mRNA."
"Homo sapiens arrestin domain containing 3 (ARRDC3), mRNA."
"Homo sapiens arrestin domain containing 4 (ARRDC4), mRNA."
"Homo sapiens arrestin domain containing 5 (ARRDC5), mRNA."
"Homo sapiens arylsulfatase A (ARSA), mRNA."
"Homo sapiens arylsulfatase B (ARSB), transcript variant 2, mRNA."
"Homo sapiens arylsulfatase K (ARSK), mRNA."
"Homo sapiens ADP-ribosyltransferase 3 (ART3), mRNA."
"Homo sapiens ARV1 homolog (S. cerevisiae) (ARV1), mRNA."
"Homo sapiens arsenic (+3 oxidation state) methyltransferase (AS3MT), mRNA."
"Homo sapiens N-acylsphingosine amidohydrolase (acid ceramidase) 1 (ASAH1), transcript vari
"Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 (ASAP1), mRNA."
"Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 (ASAP2), transcript
"Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH domain 3 (ASAP3), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 1 (ASB1), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 13 (ASB13), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 16 (ASB16), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 17 (ASB17), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 2 (ASB2), mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 3 (ASB3), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 6 (ASB6), transcript variant 1, mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 7 (ASB7), transcript variant 2, mRNA."
"Homo sapiens ankyrin repeat and SOCS box-containing 8 (ASB8), mRNA."
"Homo sapiens activating signal cointegrator 1 complex subunit 1 (ASCC1), mRNA."
"PREDICTED: Homo sapiens achaete-scute complex homolog 5 (Drosophila) (ASCL5), mRNA."
"Homo sapiens ASF1 anti-silencing function 1 homolog A (S. cerevisiae) (ASF1A), mRNA."

"Homo sapiens ASF1 anti-silencing function 1 homolog B (S. cerevisiae) (ASF1B), mRNA."
"Homo sapiens antisense fragile X mental retardation protein (ASFMR1), transcript variant 4, no
"Homo sapiens asialoglycoprotein receptor 1 (ASGR1), mRNA."
"Homo sapiens ash1 (absent, small, or homeotic)-like (Drosophila) (ASH1L), mRNA."
"Homo sapiens ash2 (absent, small, or homeotic)-like (Drosophila) (ASH2L), mRNA."
"Homo sapiens agouti signaling protein, nonagouti homolog (mouse) (ASIP), mRNA."
"Homo sapiens argininosuccinate lyase (ASL), transcript variant 1, mRNA."
"Homo sapiens acetylserotonin O-methyltransferase (ASMT), mRNA."
"PREDICTED: Homo sapiens acetylserotonin O-methyltransferase-like (ASMTL), mRNA."
"Homo sapiens asparagine synthetase (ASNS), transcript variant 1, mRNA."
"Homo sapiens asparagine synthetase domain containing 1 (ASNSD1), mRNA."
"Homo sapiens aspartoacylase (Canavan disease) (ASPA), transcript variant 1, mRNA."
"Homo sapiens asparaginase homolog (S. cerevisiae) (ASPG), mRNA."
"Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 2, mRNA."
"Homo sapiens aspartate beta-hydroxylase domain containing 2 (ASPHD2), mRNA."
"Homo sapiens asp (abnormal spindle) homolog, microcephaly associated (Drosophila) (ASPM)
"Homo sapiens aspartic peptidase, retroviral-like 1 (ASPRV1), mRNA."
"Homo sapiens alveolar soft part sarcoma chromosome region, candidate 1 (ASPSCR1), mRNA
"Homo sapiens asparaginase like 1 (ASRGL1), mRNA."
"Homo sapiens argininosuccinate synthetase 1 (ASS1), transcript variant 1, mRNA."
"Homo sapiens asteroid homolog 1 (Drosophila) (ASTE1), mRNA."
"Homo sapiens astrotactin 2 (ASTN2), transcript variant 3, mRNA."
"Homo sapiens additional sex combs like 1 (Drosophila) (ASXL1), mRNA."
"Homo sapiens additional sex combs like 3 (Drosophila) (ASXL3), mRNA."
"Homo sapiens ATPase family, AAA domain containing 1 (ATAD1), mRNA."
"Homo sapiens ATPase family, AAA domain containing 2 (ATAD2), mRNA."
"Homo sapiens ATPase family, AAA domain containing 2B (ATAD2B), mRNA."
"Homo sapiens ATPase family, AAA domain containing 3A (ATAD3A), mRNA."
"Homo sapiens ATPase family, AAA domain containing 3B (ATAD3B), mRNA."
"Homo sapiens ATPase family, AAA domain containing 5 (ATAD5), mRNA."
"Homo sapiens arginyltransferase 1 (ATE1), transcript variant 2, mRNA."
"Homo sapiens activating transcription factor 1 (ATF1), mRNA."
"Homo sapiens activating transcription factor 2 (ATF2), mRNA."
"Homo sapiens activating transcription factor 3 (ATF3), transcript variant 3, mRNA."
"Homo sapiens activating transcription factor 4 (tax-responsive enhancer element B67) (ATF4),
"Homo sapiens activating transcription factor 5 (ATF5), mRNA."
"Homo sapiens activating transcription factor 6 (ATF6), mRNA."
"Homo sapiens activating transcription factor 6 beta (ATF6B), transcript variant 1, mRNA."
"Homo sapiens activating transcription factor 7 interacting protein 2 (ATF7IP2), mRNA."
"Homo sapiens ATG10 autophagy related 10 homolog (S. cerevisiae) (ATG10), mRNA."
"Homo sapiens ATG12 autophagy related 12 homolog (S. cerevisiae) (ATG12), mRNA."
"Homo sapiens ATG16 autophagy related 16-like 1 (S. cerevisiae) (ATG16L1), transcript variant
"Homo sapiens ATG16 autophagy related 16-like 2 (S. cerevisiae) (ATG16L2), mRNA."
"Homo sapiens ATG2 autophagy related 2 homolog A (S. cerevisiae) (ATG2A), mRNA."

"Homo sapiens ATG3 autophagy related 3 homolog (S. cerevisiae) (ATG3), mRNA."
"Homo sapiens ATG4 autophagy related 4 homolog A (S. cerevisiae) (ATG4A), transcript varian
"Homo sapiens ATG4 autophagy related 4 homolog B (S. cerevisiae) (ATG4B), transcript varian
"Homo sapiens ATG4 autophagy related 4 homolog C (S. cerevisiae) (ATG4C), transcript variar
"Homo sapiens ATG4 autophagy related 4 homolog D (S. cerevisiae) (ATG4D), mRNA."
"Homo sapiens ATG5 autophagy related 5 homolog (S. cerevisiae) (ATG5), mRNA."
"Homo sapiens ATG7 autophagy related 7 homolog (S. cerevisiae) (ATG7), mRNA."
"Homo sapiens ATG9 autophagy related 9 homolog A (S. cerevisiae) (ATG9A), transcript varian
"Homo sapiens ATH1, acid trehalase-like 1 (yeast) (ATHL1), mRNA."
"Homo sapiens 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohyc
"Homo sapiens atlastin GTPase 1 (ATL1), transcript variant 2, mRNA."
"Homo sapiens atlastin GTPase 2 (ATL2), mRNA."
"Homo sapiens atlastin GTPase 3 (ATL3), mRNA."
"Homo sapiens ataxia telangiectasia mutated (ATM), transcript variant 2, mRNA."
"Homo sapiens ATM interactor (ATMIN), mRNA."
"Homo sapiens atrophin 1 (ATN1), transcript variant 1, mRNA."
"Homo sapiens atonal homolog 1 (Drosophila) (ATOH1), mRNA."
"Homo sapiens atonal homolog 7 (Drosophila) (ATOH7), mRNA."
"Homo sapiens atonal homolog 8 (Drosophila) (ATOH8), mRNA."
"Homo sapiens ATX1 antioxidant protein 1 homolog (yeast) (ATOX1), mRNA."
"Homo sapiens ATPase, class V, type 10A (ATP10A), mRNA."
"Homo sapiens ATPase, class V, type 10B (ATP10B), mRNA."
"Homo sapiens ATPase, class VI, type 11B (ATP11B), mRNA."
"Homo sapiens ATPase, class VI, type 11C (ATP11C), transcript variant 1, mRNA."
"Homo sapiens ATPase type 13A1 (ATP13A1), mRNA."
"Homo sapiens ATPase type 13A2 (ATP13A2), mRNA."
"Homo sapiens ATPase type 13A4 (ATP13A4), mRNA."
"Homo sapiens ATPase, Na+/K+ transporting, alpha 1 polypeptide (ATP1A1), transcript variant
"Homo sapiens ATPase, Na+/K+ transporting, alpha 3 polypeptide (ATP1A3), mRNA."
"Homo sapiens ATPase, Na+/K+ transporting, beta 1 polypeptide (ATP1B1), transcript variant 2
"Homo sapiens ATPase, Na+/K+ transporting, beta 2 polypeptide (ATP1B2), mRNA."
"PREDICTED: Homo sapiens ATPase, Na+/K+ transporting, beta 3 polypeptide, transcript varia
"Homo sapiens ATPase, Ca++ transporting, cardiac muscle, slow twitch 2 (ATP2A2), transcript
"Homo sapiens ATPase, Ca++ transporting, ubiquitous (ATP2A3), transcript variant 2, mRNA."
"Homo sapiens ATPase, Ca++ transporting, plasma membrane 1 (ATP2B1), transcript variant 2
"Homo sapiens ATPase, Ca++ transporting, plasma membrane 4 (ATP2B4), transcript variant 2
"Homo sapiens ATPase, Ca++ transporting, type 2C, member 2 (ATP2C2), mRNA."
"Homo sapiens ATPase, H+/K+ exchanging, alpha polypeptide (ATP4A), mRNA."
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, carc
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide (AT
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit (ATP5I
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit (ATP
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit pseu

"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 (ATP5F1
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C1 (subunit 9
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9)
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C3 (subunit 9
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d (ATP5H), r
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E (ATP5I), n
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F6 (ATP5J),
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F2 (ATP5J2)
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit G (ATP5L), r
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit (ATP5O),
"Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit s (factor B) (
"Homo sapiens ATP5S-like (ATP5SL), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal accessory protein 1 (ATP6AP1), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal accessory protein 1-like (ATP6AP1L), mRN
"Homo sapiens ATPase, H+ transporting, lysosomal accessory protein 2 (ATP6AP2), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal V0 subunit a1 (ATP6V0A1), transcript varia
"Homo sapiens ATPase, H+ transporting, lysosomal V0 subunit a2 (ATP6V0A2), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal 21kDa, V0 subunit b (ATP6V0B), transcript
"PREDICTED: Homo sapiens ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c (ATP6V
"Homo sapiens ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1 (ATP6V0D1), mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d2 (ATP6V0D2), mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 9kDa, V0 subunit e1 (ATP6V0E1), mRNA."
"Homo sapiens ATPase, H+ transporting V0 subunit e2 (ATP6V0E2), transcript variant 1, mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A (ATP6V1A), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2 (ATP6V1B2), mR
"Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 (ATP6V1C1), mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2 (ATP6V1C2), transc
"Homo sapiens ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D (ATP6V1D), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E1 (ATP6V1E1), transcr
"Homo sapiens ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E2 (ATP6V1E2), mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 14kDa, V1 subunit F (ATP6V1F), mRNA."
"Homo sapiens ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G1 (ATP6V1G1), mRNA
"Homo sapiens ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G2 (ATP6V1G2), transc
"Homo sapiens ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H (ATP6V1H), transc
"Homo sapiens ATPase, Cu++ transporting, alpha polypeptide (Menkes syndrome) (ATP7A), m
"Homo sapiens ATPase, Cu++ transporting, beta polypeptide (ATP7B), transcript variant 1, mRI
"Homo sapiens ATPase, aminophospholipid transporter (APLT), Class I, type 8A, member 1 (AT
"Homo sapiens ATPase, class I, type 8B, member 2 (ATP8B2), transcript variant 2, mRNA."
"Homo sapiens ATPase, class II, type 9B (ATP9B), mRNA."
"Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 1 (ATPAF1), nuclear g
"Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 2 (ATPAF2), nuclear g
"Homo sapiens ATP binding domain 1 family, member B (ATPBD1B), mRNA."
"Homo sapiens ATP binding domain 3 (ATPBD3), mRNA."
"Homo sapiens ATP binding domain 4 (ATPBD4), mRNA."

"Homo sapiens ATP-grasp domain containing 1 (ATPGD1), transcript variant 2, mRNA."
"Homo sapiens ATPase inhibitory factor 1 (ATPIF1), nuclear gene encoding mitochondrial prote
"Homo sapiens ATR interacting protein (ATRIP), transcript variant 2, mRNA."
"Homo sapiens attractin (ATRN), transcript variant 1, mRNA."
"Homo sapiens ataxin 1 (ATXN1), mRNA."
"Homo sapiens ataxin 10 (ATXN10), mRNA."
"Homo sapiens ataxin 1-like (ATXN1L), transcript variant 1, mRNA."
"Homo sapiens ataxin 2 (ATXN2), mRNA."
"Homo sapiens ataxin 2-like (ATXN2L), transcript variant A, mRNA."
"Homo sapiens ataxin 3 (ATXN3), transcript variant 1, mRNA."
"Homo sapiens ataxin 7-like 2 (ATXN7L2), mRNA."
"Homo sapiens ataxin 7-like 3 (ATXN7L3), transcript variant 2, mRNA."
"Homo sapiens AU RNA binding protein/enoyl-Coenzyme A hydratase (AUH), nuclear gene enc
"Homo sapiens ancient ubiquitous protein 1 (AUP1), transcript variant 1, mRNA."
"Homo sapiens aurora kinase A (AURKA), transcript variant 5, mRNA."
"Homo sapiens aurora kinase A interacting protein 1 (AURKAIP1), mRNA."
"Homo sapiens aurora kinase A pseudogene 1 (AURKAPS1), non-coding RNA."
"Homo sapiens aurora kinase B (AURKB), mRNA."
"Homo sapiens autism susceptibility candidate 2 (AUTS2), mRNA."
"Homo sapiens apoptosis, caspase activation inhibitor (AVEN), mRNA."
"Homo sapiens advillin (AVIL), mRNA."
"Homo sapiens AVL9 homolog (S. cerevisiase) (AVL9), mRNA."
"Homo sapiens arginine vasopressin (neurophysin II, antidiuretic hormone, diabetes insipidus, n
"Homo sapiens arginine vasopressin-induced 1 (AVPI1), mRNA."
"Homo sapiens axin 1 (AXIN1), transcript variant 2, mRNA."
"Homo sapiens axin 2 (conductin, axil) (AXIN2), mRNA."
"Homo sapiens AXIN1 up-regulated 1 (AXUD1), mRNA."
"PREDICTED: Homo sapiens AYP1 pseudogene 1 (AYP1p1), misc RNA."
"Homo sapiens alpha-2-glycoprotein 1, zinc-binding (AZGP1), mRNA."
"Homo sapiens 5-azacytidine induced 1 (AZI1), transcript variant 1, mRNA."
"Homo sapiens 5-azacytidine induced 2 (AZI2), mRNA."
"Homo sapiens antizyme inhibitor 1 (AZIN1), transcript variant 1, mRNA."
"Homo sapiens beta-2-microglobulin (B2M), mRNA."
"Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group) (B3GALN
"Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 2 (B3GALNT2), mRNA."
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2 (B3GALT2),
"Homo sapiens UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6 (B3GALT6), mR
"Homo sapiens beta 1,3-galactosyltransferase-like (B3GALTL), mRNA."
"Homo sapiens beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) (B3GAT3), mRNA."
"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 (B3GNT2), m
"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (B3GNT3), m
"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4 (B3GNT4), m
"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (B3GNT6), m
"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8 (B3GNT8), m

"Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1 (B3GNTL
"Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 1 (B4GALNT1), mRNA."
"Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 3 (B4GALNT3), mRNA."
"Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 4 (B4GALNT4), mRNA."
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 (B4GALT1)
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 (B4GALT2)
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3 (B4GALT3)
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4 (B4GALT4)
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5 (B4GALT5)
"Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6 (B4GALT6)
"Homo sapiens xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransfera
"Homo sapiens B9 protein domain 1 (B9D1), mRNA."
"Homo sapiens B9 protein domain 2 (B9D2), mRNA."
"Homo sapiens beta-site APP-cleaving enzyme 2 (BACE2), transcript variant b, mRNA."
"Homo sapiens BTB and CNC homology 1, basic leucine zipper transcription factor 2 (BACH2),
"Homo sapiens BCL2-antagonist of cell death (BAD), transcript variant 2, mRNA."
"Homo sapiens BCL2-associated athanogene (BAG1), mRNA."
"Homo sapiens BCL2-associated athanogene 2 (BAG2), mRNA."
"Homo sapiens BCL2-associated athanogene 3 (BAG3), mRNA."
"Homo sapiens BCL2-associated athanogene 5 (BAG5), transcript variant 2, mRNA."
"Homo sapiens B melanoma antigen family, member 2 (BAGE2), mRNA."
"Homo sapiens B melanoma antigen family, member 4 (BAGE4), mRNA."
"Homo sapiens brain-specific angiogenesis inhibitor 3 (BAI3), mRNA."
"Homo sapiens BAI1-associated protein 2 (BAIAP2), transcript variant 1, mRNA."
"Homo sapiens BAI1-associated protein 2-like 1 (BAIAP2L1), mRNA."
"Homo sapiens BAI1-associated protein 2-like 2 (BAIAP2L2), mRNA."
"Homo sapiens BAI1-associated protein 3 (BAIAP3), mRNA."
"Homo sapiens BMP and activin membrane-bound inhibitor homolog (Xenopus laevis) (BAMBI),
"Homo sapiens barrier to autointegration factor 1 (BANF1), mRNA."
"Homo sapiens barrier to autointegration factor 2 (BANF2), transcript variant 2, mRNA."
"Homo sapiens B-cell scaffold protein with ankyrin repeats 1 (BANK1), transcript variant 2, mRN
"Homo sapiens BTG3 associated nuclear protein (BANP), transcript variant 1, mRNA."
"Homo sapiens BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase) (BAP1), mR
"Homo sapiens bagpipe homeobox homolog 1 (Drosophila) (BAPX1), mRNA."
"Homo sapiens BRCA1 associated RING domain 1 (BARD1), mRNA."
"Homo sapiens BARX homeobox 1 (BARX1), mRNA."
"Homo sapiens brain abundant, membrane attached signal protein 1 (BASP1), mRNA."
"Homo sapiens HLA-B associated transcript 1 (BAT1), transcript variant 1, mRNA."
"Homo sapiens HLA-B associated transcript 2-like (BAT2L), mRNA."
"Homo sapiens HLA-B associated transcript 3 (BAT3), transcript variant 3, mRNA."
"Homo sapiens HLA-B associated transcript 4 (BAT4), mRNA."
"Homo sapiens HLA-B associated transcript 5 (BAT5), mRNA."
"Homo sapiens basic leucine zipper transcription factor, ATF-like (BATF), mRNA."
"Homo sapiens basic leucine zipper transcription factor, ATF-like 2 (BATF2), mRNA."

"Homo sapiens basic leucine zipper transcription factor, ATF-like 3 (BATF3), mRNA."
"Homo sapiens BCL2-associated X protein (BAX), transcript variant sigma, mRNA."
"Homo sapiens bromodomain adjacent to zinc finger domain, 1A (BAZ1A), transcript variant 2, r
"Homo sapiens bromodomain adjacent to zinc finger domain, 1B (BAZ1B), transcript variant 1, r
"Homo sapiens bromodomain adjacent to zinc finger domain, 2B (BAZ2B), mRNA."
"Homo sapiens BCL2 binding component 3 (BBC3), mRNA."
"Homo sapiens butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hyd
"Homo sapiens Bardet-Biedl syndrome 1 (BBS1), mRNA."
"Homo sapiens Bardet-Biedl syndrome 10 (BBS10), mRNA."
"Homo sapiens Bardet-Biedl syndrome 12 (BBS12), mRNA."
"Homo sapiens Bardet-Biedl syndrome 2 (BBS2), mRNA."
"Homo sapiens Bardet-Biedl syndrome 4 (BBS4), mRNA."
"Homo sapiens Bardet-Biedl syndrome 7 (BBS7), transcript variant 1, mRNA."
"Homo sapiens Bardet-Biedl syndrome 9 (BBS9), transcript variant 2, mRNA."
"Homo sapiens bobby sox homolog (Drosophila) (BBX), mRNA."
"Homo sapiens basal cell adhesion molecule (Lutheran blood group) (BCAM), transcript variant
"Homo sapiens brevican (BCAN), transcript variant 1, mRNA."
"Homo sapiens B-cell receptor-associated protein 29 (BCAP29), transcript variant 4, mRNA."
"Homo sapiens B-cell receptor-associated protein 31 (BCAP31), mRNA."
"Homo sapiens breast cancer anti-estrogen resistance 1 (BCAR1), mRNA."
"Homo sapiens breast cancer anti-estrogen resistance 3 (BCAR3), mRNA."
"Homo sapiens breast cancer anti-estrogen resistance 4 (BCAR4), non-coding RNA."
"Homo sapiens breast carcinoma amplified sequence 1 (BCAS1), mRNA."
"Homo sapiens breast carcinoma amplified sequence 4 (BCAS4), transcript variant 1, mRNA."
"Homo sapiens branched chain aminotransferase 1, cytosolic (BCAT1), mRNA."
"Homo sapiens branched chain aminotransferase 2, mitochondrial (BCAT2), nuclear gene enco
"Homo sapiens BRCA2 and CDKN1A interacting protein (BCCIP), transcript variant C, mRNA."
"Homo sapiens BCDIN3 domain containing (BCDIN3D), mRNA."
"Homo sapiens butyrylcholinesterase (BCHE), mRNA."
"Homo sapiens branched chain keto acid dehydrogenase E1, alpha polypeptide (BCKDHA), mR
"Homo sapiens branched chain keto acid dehydrogenase E1, beta polypeptide (maple syrup uri
"Homo sapiens branched chain ketoacid dehydrogenase kinase (BCKDK), mRNA."
"Homo sapiens B-cell CLL/lymphoma 10 (BCL10), mRNA."
"Homo sapiens B-cell CLL/lymphoma 11A (zinc finger protein) (BCL11A), transcript variant 1, m
"Homo sapiens B-cell CLL/lymphoma 2 (BCL2), nuclear gene encoding mitochondrial protein, tr
"Homo sapiens BCL2-related protein A1 (BCL2A1), mRNA."
"Homo sapiens BCL2-like 1 (BCL2L1), nuclear gene encoding mitochondrial protein, transcript v
"Homo sapiens BCL2-like 10 (apoptosis facilitator) (BCL2L10), mRNA."
"Homo sapiens BCL2-like 11 (apoptosis facilitator) (BCL2L11), transcript variant 9, mRNA."
"Homo sapiens BCL2-like 12 (proline rich) (BCL2L12), transcript variant 3, mRNA."
"Homo sapiens BCL2-like 13 (apoptosis facilitator) (BCL2L13), nuclear gene encoding mitochon
"Homo sapiens B-cell CLL/lymphoma 3 (BCL3), mRNA."
"Homo sapiens B-cell CLL/lymphoma 6 (zinc finger protein 51) (BCL6), transcript variant 1, mRN
"Homo sapiens B-cell CLL/lymphoma 6, member B (zinc finger protein) (BCL6B), mRNA."

"Homo sapiens B-cell CLL/lymphoma 7A (BCL7A), transcript variant 1, mRNA."
"Homo sapiens B-cell CLL/lymphoma 7B (BCL7B), transcript variant 2, mRNA."
"Homo sapiens B-cell CLL/lymphoma 7C (BCL7C), mRNA."
"Homo sapiens B-cell CLL/lymphoma 9 (BCL9), mRNA."
"Homo sapiens B-cell CLL/lymphoma 9-like (BCL9L), mRNA."
"Homo sapiens BCL2-associated transcription factor 1 (BCLAF1), transcript variant 2, mRNA."
"Homo sapiens BCL6 co-repressor (BCOR), transcript variant 1, mRNA."
"Homo sapiens BCL6 co-repressor-like 1 (BCORL1), mRNA."
"Homo sapiens breakpoint cluster region (BCR), transcript variant 2, mRNA."
"Homo sapiens BCS1-like (yeast) (BCS1L), nuclear gene encoding mitochondrial protein, transc
"Homo sapiens brain cytoplasmic RNA 1 (non-protein coding) (BCYRN1), non-coding RNA."
"Homo sapiens bradykinin receptor B2 (BDKRB2), mRNA."
"PREDICTED: Homo sapiens brain expressed, associated with Nedd4 (BEAN), mRNA."
"Homo sapiens beclin 1, autophagy related (BECN1), mRNA."
"Homo sapiens brain-enriched guanylate kinase-associated homolog (rat) (BEGAIN), mRNA."
"Homo sapiens BEN domain containing 3 (BEND3), mRNA."
"Homo sapiens BEN domain containing 4 (BEND4), mRNA."
"Homo sapiens BEN domain containing 5 (BEND5), mRNA."
"Homo sapiens BEN domain containing 6 (BEND6), mRNA."
"Homo sapiens BEN domain containing 7 (BEND7), transcript variant 1, mRNA."
"Homo sapiens bestrophin 1 (BEST1), mRNA."
"Homo sapiens bestrophin 3 (BEST3), transcript variant 2, mRNA."
"Homo sapiens bestrophin 4 (BEST4), mRNA."
"Homo sapiens blocked early in transport 1 homolog (S. cerevisiae) (BET1), mRNA."
"Homo sapiens blocked early in transport 1 homolog (S. cerevisiae)-like (BET1L), mRNA."
"Homo sapiens brain expressed X-linked 2 (BEX2), mRNA."
"Homo sapiens BEX family member 4 (BEX4), mRNA."
"Homo sapiens brain expressed, X-linked 5 (BEX5), mRNA."
"PREDICTED: Homo sapiens brain expressed X-linked-like 1 (BEXL1), mRNA."
"Homo sapiens bifunctional apoptosis regulator (BFAR), mRNA."
"Homo sapiens beaded filament structural protein 2, phakinin (BFSP2), mRNA."
"Homo sapiens bone gamma-carboxyglutamate (gla) protein (osteocalcin) (BGLAP), mRNA."
"Homo sapiens biglycan (BGN), mRNA."
"Homo sapiens basic helix-loop-helix domain containing, class B, 2 (BHLHB2), mRNA."
"Homo sapiens basic helix-loop-helix domain containing, class B, 3 (BHLHB3), mRNA."
"Homo sapiens basic helix-loop-helix domain containing, class B, 9 (BHLHB9), mRNA."
"Homo sapiens basic helix-loop-helix family, member e22 (BHLHE22), mRNA."
"Homo sapiens bicaudal C homolog 1 (Drosophila) (BICC1), mRNA."
"Homo sapiens bicaudal D homolog 1 (Drosophila) (BICD1), transcript variant 1, mRNA."
"Homo sapiens bicaudal D homolog 2 (Drosophila) (BICD2), transcript variant 1, mRNA."
"Homo sapiens BH3 interacting domain death agonist (BID), transcript variant 1, mRNA."
"Homo sapiens BCL2-interacting killer (apoptosis-inducing) (BIK), mRNA."
"Homo sapiens bridging integrator 1 (BIN1), transcript variant 1, mRNA."
"Homo sapiens bridging integrator 3 (BIN3), mRNA."

"Homo sapiens baculoviral IAP repeat-containing 2 (BIRC2), mRNA."
"Homo sapiens baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 2, mRNA."
"Homo sapiens baculoviral IAP repeat-containing 5 (BIRC5), transcript variant 3, mRNA."
"Homo sapiens basic, immunoglobulin-like variable motif containing (BIVM), mRNA."
"Homo sapiens bladder cancer associated protein (BLCAP), mRNA."
"Homo sapiens B lymphoid tyrosine kinase (BLK), mRNA."
"Homo sapiens Bloom syndrome, RecQ helicase-like (BLM), mRNA."
"Homo sapiens bleomycin hydrolase (BLMH), mRNA."
"Homo sapiens B-cell linker (BLNK), mRNA."
"Homo sapiens biogenesis of lysosome-related organelles complex-1, subunit 1 (BLOC1S1), mR
"Homo sapiens biogenesis of lysosomal organelles complex-1, subunit 2 (BLOC1S2), transcript
"Homo sapiens Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) rec
"Homo sapiens biliverdin reductase A (BLVRA), mRNA."
"Homo sapiens biliverdin reductase B (flavin reductase (NADPH)) (BLVRB), mRNA."
"Homo sapiens basic leucine zipper nuclear factor 1 (BLZF1), mRNA."
"Homo sapiens Bcl2 modifying factor (BMF), transcript variant 1, mRNA."
"Homo sapiens BMI1 polycomb ring finger oncogene (BMI1), mRNA."
"Homo sapiens BMP2 inducible kinase (BMP2K), transcript variant 1, mRNA."
"Homo sapiens bone morphogenetic protein 3 (BMP3), mRNA."
"Homo sapiens bone morphogenetic protein 4 (BMP4), transcript variant 1, mRNA."
"Homo sapiens bone morphogenetic protein 5 (BMP5), mRNA."
"Homo sapiens bone morphogenetic protein 6 (BMP6), mRNA."
"Homo sapiens bone morphogenetic protein 7 (osteogenic protein 1) (BMP7), mRNA."
"Homo sapiens bone morphogenetic protein 8b (BMP8B), mRNA."
"Homo sapiens bone morphogenetic protein receptor, type IA (BMPR1A), mRNA."
"Homo sapiens bone morphogenetic protein receptor, type II (serine/threonine kinase) (BMPR2)
"Homo sapiens BMS1 pseudogene 5 (BMS1P5), non-coding RNA."
"Homo sapiens BMX non-receptor tyrosine kinase (BMX), mRNA."
"Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 1 (BNIP1), transcript variant BN
"Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 2 (BNIP2), mRNA."
"Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 3 (BNIP3), nuclear gene encod
"Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP3L), mRNA."
"Homo sapiens bolA homolog 2 (E. coli) (BOLA2), mRNA."
"Homo sapiens bolA homolog 3 (E. coli) (BOLA3), transcript variant 1, mRNA."
"Homo sapiens block of proliferation 1 (BOP1), mRNA."
Homo sapiens bromodomain containing protein 75 kDa pseudogene (BP75) on chromosome 6.
"Homo sapiens 2,3-bisphosphoglycerate mutase (BPGM), transcript variant 2, mRNA."
"Homo sapiens biphenyl hydrolase-like (serine hydrolase) (BPHL), mRNA."
"Homo sapiens bactericidal/permeability-increasing protein-like 1 (BPIL1), mRNA."
"Homo sapiens 3'(2'), 5'-bisphosphate nucleotidase 1 (BPNT1), mRNA."
"Homo sapiens basic charge, Y-linked, 2B (BPY2B), mRNA."
"Homo sapiens v-raf murine sarcoma viral oncogene homolog B1 (BRAF), mRNA."
"Homo sapiens breast cancer 1, early onset (BRCA1), transcript variant BRCA1-delta11b, mRN
"Homo sapiens breast cancer 2, early onset (BRCA2), mRNA."

"Homo sapiens BRCA1/BRCA2-containing complex, subunit 3 (BRCC3), transcript variant 1, mF
"Homo sapiens bromodomain containing 1 (BRD1), mRNA."
"Homo sapiens bromodomain containing 2 (BRD2), mRNA."
"Homo sapiens bromodomain containing 3 (BRD3), mRNA."
"Homo sapiens bromodomain containing 4 (BRD4), transcript variant long, mRNA."
"Homo sapiens bromodomain containing 7 (BRD7), mRNA."
"PREDICTED: Homo sapiens misc_RNA (BRD7P2), miscRNA."
"Homo sapiens bromodomain containing 8 (BRD8), transcript variant 3, mRNA."
"Homo sapiens bromodomain containing 9 (BRD9), transcript variant 1, mRNA."
"Homo sapiens BCR downstream signaling 1 (BRDG1), mRNA."
"Homo sapiens brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE), transcri
"Homo sapiens BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like (BI
"Homo sapiens brain protein I3 (BRI3), mRNA."
"PREDICTED: Homo sapiens BRI3 binding protein (BRI3BP), mRNA."
"PREDICTED: Homo sapiens misc_RNA (BRI3P1), miscRNA."
"Homo sapiens BRX1, biogenesis of ribosomes, homolog (S. cerevisiae) (BRIX1), mRNA."
"Homo sapiens breast cancer metastasis suppressor 1 (BRMS1), transcript variant 1, mRNA."
"Homo sapiens breast cancer metastasis-suppressor 1-like (BRMS1L), mRNA."
"Homo sapiens brain protein 44 (BRP44), transcript variant 2, mRNA."
"Homo sapiens brain protein 44-like (BRP44L), mRNA."
"Homo sapiens bromodomain and PHD finger containing, 1 (BRPF1), transcript variant 1, mRNA
"Homo sapiens bromodomain and PHD finger containing, 3 (BRPF3), mRNA."
"Homo sapiens BR serine/threonine kinase 1 (BRSK1), mRNA."
"Homo sapiens bruno-like 6, RNA binding protein (Drosophila) (BRUNOL6), mRNA."
"Homo sapiens bromodomain and WD repeat domain containing 1 (BRWD1), transcript variant
"Homo sapiens bromodomain and WD repeat domain containing 2 (BRWD2), mRNA."
"Homo sapiens bromodomain and WD repeat domain containing 3 (BRWD3), mRNA."
"Homo sapiens Bernardinelli-Seip congenital lipodystrophy 2 (seipin) (BSCL2), mRNA."
"Homo sapiens BSD domain containing 1 (BSDC1), mRNA."
"Homo sapiens basigin (Ok blood group) (BSG), transcript variant 1, mRNA."
"Homo sapiens bassoon (presynaptic cytomatrix protein) (BSN), mRNA."
"Homo sapiens Bartter syndrome, infantile, with sensorineural deafness (Barttin) (BSND), mRNA
"Homo sapiens B-box and SPRY domain containing (BSPRY), mRNA."
"Homo sapiens bone marrow stromal cell antigen 2 (BST2), mRNA."
"Homo sapiens BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mo
"Homo sapiens BTB (POZ) domain containing 10 (BTBD10), mRNA."
"Homo sapiens BTB (POZ) domain containing 12 (BTBD12), mRNA."
"Homo sapiens BTB (POZ) domain containing 2 (BTBD2), mRNA."
"Homo sapiens BTB (POZ) domain containing 3 (BTBD3), transcript variant 2, mRNA."
"Homo sapiens BTB (POZ) domain containing 6 (BTBD6), mRNA."
"Homo sapiens BTB (POZ) domain containing 9 (BTBD9), transcript variant 1, mRNA."
"Homo sapiens biotinidase (BTD), mRNA."
"Homo sapiens basic transcription factor 3 (BTF3), mRNA."
"Homo sapiens basic transcription factor 3-like 4 (BTF3L4), mRNA."

"Homo sapiens B-cell translocation gene 1, anti-proliferative (BTG1), mRNA."
"Homo sapiens BTG family, member 2 (BTG2), mRNA."
"Homo sapiens BTG family, member 3 (BTG3), mRNA."
"Homo sapiens Bruton agammaglobulinemia tyrosine kinase (BTK), mRNA."
"Homo sapiens B and T lymphocyte associated (BTLA), transcript variant 1, mRNA."
"Homo sapiens butyrophilin, subfamily 1, member A1 (BTN1A1), mRNA."
"Homo sapiens butyrophilin, subfamily 2, member A1 (BTN2A1), transcript variant 1, mRNA."
"Homo sapiens butyrophilin, subfamily 2, member A2 (BTN2A2), transcript variant 1, mRNA."
"Homo sapiens butyrophilin, subfamily 2, member A3 (BTN2A3), mRNA."
"Homo sapiens butyrophilin, subfamily 3, member A1 (BTN3A1), transcript variant 2, mRNA."
"Homo sapiens butyrophilin, subfamily 3, member A2 (BTN3A2), mRNA."
"Homo sapiens butyrophilin, subfamily 3, member A3 (BTN3A3), transcript variant 2, mRNA."
"Homo sapiens butyrophilin-like 9 (BTNL9), mRNA."
"Homo sapiens beta-transducin repeat containing (BTRC), transcript variant 1, mRNA."
"Homo sapiens BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) (BUB1), mRNA
"Homo sapiens BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast) (BUB1B),
"Homo sapiens BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) (BUB3), transc
"Homo sapiens BUD13 homolog (S. cerevisiae) (BUD13), mRNA."
"Homo sapiens BUD31 homolog (S. cerevisiae) (BUD31), mRNA."
"Homo sapiens bystin-like (BYSL), mRNA."
"Homo sapiens benzodiazapine receptor (peripheral) associated protein 1 (BZRAP1), mRNA."
"Homo sapiens benzodiazapine receptor (peripheral)-like 1 (BZRPL1), mRNA."
"PREDICTED: Homo sapiens basic leucine zipper and W2 domains 1, transcript variant 5 (BZW
"Homo sapiens basic leucine zipper and W2 domains 2 (BZW2), mRNA."
"Homo sapiens chromosome 10 open reading frame 10 (C10orf10), mRNA."
"Homo sapiens chromosome 10 open reading frame 104 (C10orf104), mRNA."
"Homo sapiens chromosome 10 open reading frame 108 (C10orf108), mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 112 (C10orf112), mRNA."
"Homo sapiens chromosome 10 open reading frame 114 (C10orf114), mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 115 (C10orf115), mRNA."
"Homo sapiens chromosome 10 open reading frame 118 (C10orf118), mRNA."
"Homo sapiens chromosome 10 open reading frame 119 (C10orf119), mRNA."
"Homo sapiens chromosome 10 open reading frame 12 (C10orf12), mRNA."
"Homo sapiens chromosome 10 open reading frame 125 (C10orf125), transcript variant 2, mRN
"PREDICTED: Homo sapiens chromosome 10 open reading frame 128, transcript variant 5 (C1
"PREDICTED: Homo sapiens chromosome 10 open reading frame 136 (C10orf136), mRNA."
"Homo sapiens chromosome 10 open reading frame 137 (C10orf137), mRNA."
"Homo sapiens chromosome 10 open reading frame 140 (C10orf140), mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 18, transcript variant 1 (C10
"Homo sapiens chromosome 10 open reading frame 2 (C10orf2), mRNA."
"Homo sapiens chromosome 10 open reading frame 26 (C10orf26), transcript variant 1, mRNA.
"Homo sapiens chromosome 10 open reading frame 28 (C10orf28), mRNA."
"Homo sapiens chromosome 10 open reading frame 32 (C10orf32), mRNA."
"Homo sapiens chromosome 10 open reading frame 33 (C10orf33), mRNA."

"Homo sapiens chromosome 10 open reading frame 47 (C10orf47), mRNA."
"Homo sapiens chromosome 10 open reading frame 54 (C10orf54), mRNA."
"Homo sapiens chromosome 10 open reading frame 57 (C10orf57), mRNA."
"Homo sapiens chromosome 10 open reading frame 58 (C10orf58), transcript variant 1, mRNA."
"Homo sapiens chromosome 10 open reading frame 59 (C10orf59), transcript variant 1, mRNA."
"Homo sapiens chromosome 10 open reading frame 6 (C10orf6), mRNA."
"Homo sapiens chromosome 10 open reading frame 61 (C10orf61), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 64 (C10orf64), mRNA."
"Homo sapiens chromosome 10 open reading frame 65 (C10orf65), mRNA."
"Homo sapiens chromosome 10 open reading frame 67 (C10orf67), mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 73 (C10orf73), mRNA."
"PREDICTED: Homo sapiens misc_RNA (C10orf75), miscRNA."
"Homo sapiens chromosome 10 open reading frame 78 (C10orf78), transcript variant 2, mRNA."
"Homo sapiens chromosome 10 open reading frame 84 (C10orf84), mRNA."
"Homo sapiens chromosome 10 open reading frame 88 (C10orf88), mRNA."
"PREDICTED: Homo sapiens chromosome 10 open reading frame 93, transcript variant 3 (C10
"Homo sapiens chromosome 11 open reading frame 1 (C11orf1), mRNA."
"Homo sapiens chromosome 11 open reading frame 10 (C11orf10), mRNA."
"Homo sapiens chromosome 11 open reading frame 17 (C11orf17), transcript variant 2, mRNA."
"Homo sapiens chromosome 11 open reading frame 2 (C11orf2), mRNA."
"Homo sapiens chromosome 11 open reading frame 24 (C11orf24), mRNA."
"Homo sapiens chromosome 11 open reading frame 30 (C11orf30), mRNA."
"Homo sapiens chromosome 11 open reading frame 31 (C11orf31), mRNA."
"Homo sapiens chromosome 11 open reading frame 35 (C11orf35), mRNA."
"Homo sapiens chromosome 11 open reading frame 39 (C11orf39), mRNA."
"Homo sapiens chromosome 11 open reading frame 41 (C11orf41), mRNA."
"Homo sapiens chromosome 11 open reading frame 46 (C11orf46), mRNA."
"Homo sapiens chromosome 11 open reading frame 47 (C11orf47), mRNA."
"Homo sapiens chromosome 11 open reading frame 48 (C11orf48), mRNA."
"Homo sapiens chromosome 11 open reading frame 49 (C11orf49), transcript variant 2, mRNA."
"Homo sapiens chromosome 11 open reading frame 51 (C11orf51), mRNA."
"Homo sapiens chromosome 11 open reading frame 54 (C11orf54), mRNA."
"Homo sapiens chromosome 11 open reading frame 57 (C11orf57), transcript variant 1, mRNA."
"Homo sapiens chromosome 11 open reading frame 58 (C11orf58), mRNA."
"Homo sapiens chromosome 11 open reading frame 59 (C11orf59), mRNA."
"Homo sapiens chromosome 11 open reading frame 60 (C11orf60), mRNA."
"Homo sapiens chromosome 11 open reading frame 61 (C11orf61), mRNA."
"Homo sapiens chromosome 11 open reading frame 63 (C11orf63), transcript variant 1, mRNA."
"Homo sapiens chromosome 11 open reading frame 65 (C11orf65), mRNA."
"Homo sapiens chromosome 11 open reading frame 67 (C11orf67), mRNA."
"Homo sapiens chromosome 11 open reading frame 68 (C11orf68), mRNA."
"Homo sapiens chromosome 11 open reading frame 70 (C11orf70), mRNA."
"Homo sapiens chromosome 11 open reading frame 71 (C11orf71), mRNA."
"Homo sapiens chromosome 11 open reading frame 73 (C11orf73), mRNA."

"Homo sapiens chromosome 11 open reading frame 74 (C11orf74), mRNA."
"Homo sapiens chromosome 11 open reading frame 75 (C11orf75), mRNA."
"Homo sapiens chromosome 11 open reading frame 80 (C11orf80), mRNA."
"Homo sapiens chromosome 11 open reading frame 82 (C11orf82), mRNA."
"Homo sapiens chromosome 11 open reading frame 83 (C11orf83), mRNA."
"Homo sapiens chromosome 11 open reading frame 84 (C11orf84), mRNA."
"Homo sapiens chromosome 11 open reading frame 85 (C11orf85), mRNA."
"Homo sapiens chromosome 11 open reading frame 86 (C11orf86), mRNA."
"Homo sapiens chromosome 11 open reading frame 88 (C11orf88), transcript variant 2, mRNA.'
"Homo sapiens chromosome 12 open reading frame 10 (C12orf10), mRNA."
"Homo sapiens chromosome 12 open reading frame 23 (C12orf23), mRNA."
"Homo sapiens chromosome 12 open reading frame 24 (C12orf24), mRNA."
"Homo sapiens chromosome 12 open reading frame 26 (C12orf26), mRNA."
"Homo sapiens chromosome 12 open reading frame 28 (C12orf28), mRNA."
"Homo sapiens chromosome 12 open reading frame 29 (C12orf29), mRNA."
"Homo sapiens chromosome 12 open reading frame 30 (C12orf30), mRNA."
"Homo sapiens chromosome 12 open reading frame 31 (C12orf31), mRNA."
"Homo sapiens chromosome 12 open reading frame 32 (C12orf32), mRNA."
"Homo sapiens chromosome 12 open reading frame 34 (C12orf34), mRNA."
"Homo sapiens chromosome 12 open reading frame 35 (C12orf35), mRNA."
"Homo sapiens chromosome 12 open reading frame 36 (C12orf36), mRNA."
"PREDICTED: Homo sapiens chromosome 12 open reading frame 37 (C12orf37), mRNA."
"Homo sapiens chromosome 12 open reading frame 4 (C12orf4), mRNA."
"Homo sapiens chromosome 12 open reading frame 41 (C12orf41), mRNA."
"Homo sapiens chromosome 12 open reading frame 42 (C12orf42), transcript variant 2, mRNA.'
"Homo sapiens chromosome 12 open reading frame 43 (C12orf43), mRNA."
"Homo sapiens chromosome 12 open reading frame 44 (C12orf44), transcript variant 2, mRNA.'
"Homo sapiens chromosome 12 open reading frame 45 (C12orf45), mRNA."
"PREDICTED: Homo sapiens chromosome 12 open reading frame 47 (C12orf47), misc RNA."
"Homo sapiens chromosome 12 open reading frame 48 (C12orf48), mRNA."
"Homo sapiens chromosome 12 open reading frame 49 (C12orf49), mRNA."
"Homo sapiens chromosome 12 open reading frame 5 (C12orf5), mRNA."
"Homo sapiens chromosome 12 open reading frame 51 (C12orf51), mRNA."
"Homo sapiens chromosome 12 open reading frame 52 (C12orf52), mRNA."
"Homo sapiens chromosome 12 open reading frame 54 (C12orf54), mRNA."
"Homo sapiens chromosome 12 open reading frame 57 (C12orf57), mRNA."
"Homo sapiens chromosome 12 open reading frame 59 (C12orf59), mRNA."
"Homo sapiens chromosome 12 open reading frame 60 (C12orf60), mRNA."
"Homo sapiens chromosome 12 open reading frame 62 (C12orf62), mRNA."
"Homo sapiens chromosome 12 open reading frame 65 (C12orf65), mRNA."
"Homo sapiens chromosome 12 open reading frame 66 (C12orf66), mRNA."
"Homo sapiens chromosome 12 open reading frame 67 (C12orf67), mRNA."
"Homo sapiens chromosome 12 open reading frame 68 (C12orf68), mRNA."
"Homo sapiens chromosome 12 open reading frame 69 (C12orf69), mRNA."

"Homo sapiens chromosome 12 open reading frame 71 (C12orf71), mRNA."
"Homo sapiens chromosome 12 open reading frame 72 (C12orf72), mRNA."
"Homo sapiens chromosome 12 open reading frame 73 (C12orf73), mRNA."
"Homo sapiens chromosome 12 open reading frame 76 (C12orf76), mRNA."
"Homo sapiens chromosome 12 open reading frame 77 (C12orf77), mRNA."
"Homo sapiens chromosome 13 open reading frame 1 (C13orf1), mRNA."
"Homo sapiens chromosome 13 open reading frame 15 (C13orf15), mRNA."
"Homo sapiens chromosome 13 open reading frame 18 (C13orf18), mRNA."
"Homo sapiens chromosome 13 open reading frame 23 (C13orf23), transcript variant 1, mRNA.'
"PREDICTED: Homo sapiens chromosome 13 open reading frame 25 (C13orf25), mRNA."
"Homo sapiens chromosome 13 open reading frame 3 (C13orf3), mRNA."
"Homo sapiens chromosome 13 open reading frame 31 (C13orf31), mRNA."
"Homo sapiens chromosome 13 open reading frame 34 (C13orf34), mRNA."
"Homo sapiens chromosome 13 open reading frame 37 (C13orf37), mRNA."
"Homo sapiens chromosome 14 open reading frame 100 (C14orf100), mRNA."
"Homo sapiens chromosome 14 open reading frame 101 (C14orf101), mRNA."
"Homo sapiens chromosome 14 open reading frame 102 (C14orf102), transcript variant 2, mRN
"Homo sapiens chromosome 14 open reading frame 104 (C14orf104), transcript variant 1, mRN
"Homo sapiens chromosome 14 open reading frame 106 (C14orf106), mRNA."
"Homo sapiens chromosome 14 open reading frame 109 (C14orf109), transcript variant 2, mRN
"Homo sapiens chromosome 14 open reading frame 112 (C14orf112), mRNA."
"Homo sapiens chromosome 14 open reading frame 118 (C14orf118), transcript variant 1, mRN
"Homo sapiens chromosome 14 open reading frame 121 (C14orf121), mRNA."
"Homo sapiens chromosome 14 open reading frame 126 (C14orf126), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 128 (C14orf128), misc RNA.
"Homo sapiens chromosome 14 open reading frame 129 (C14orf129), mRNA."
"Homo sapiens chromosome 14 open reading frame 131 (C14orf131), mRNA."
"Homo sapiens chromosome 14 open reading frame 132 (C14orf132), mRNA."
"Homo sapiens chromosome 14 open reading frame 133 (C14orf133), mRNA."
"Homo sapiens chromosome 14 open reading frame 135 (C14orf135), mRNA."
"Homo sapiens chromosome 14 open reading frame 138 (C14orf138), transcript variant 2, mRN
"Homo sapiens chromosome 14 open reading frame 143 (C14orf143), mRNA."
"Homo sapiens chromosome 14 open reading frame 145 (C14orf145), mRNA."
"Homo sapiens chromosome 14 open reading frame 147 (C14orf147), mRNA."
"Homo sapiens chromosome 14 open reading frame 149 (C14orf149), mRNA."
"Homo sapiens chromosome 14 open reading frame 153 (C14orf153), mRNA."
"Homo sapiens chromosome 14 open reading frame 156 (C14orf156), mRNA."
"Homo sapiens chromosome 14 open reading frame 159 (C14orf159), mRNA."
"Homo sapiens chromosome 14 open reading frame 162 (C14orf162), mRNA."
"Homo sapiens chromosome 14 open reading frame 166 (C14orf166), mRNA."
"Homo sapiens chromosome 14 open reading frame 167 (C14orf167), transcript variant 1, non-c
"Homo sapiens chromosome 14 open reading frame 169 (C14orf169), mRNA."
"Homo sapiens chromosome 14 open reading frame 173 (C14orf173), transcript variant 2, mRN
"Homo sapiens chromosome 14 open reading frame 174 (C14orf174), mRNA."

"Homo sapiens chromosome 14 open reading frame 179 (C14orf179), mRNA."
"Homo sapiens chromosome 14 open reading frame 180 (C14orf180), mRNA."
"Homo sapiens chromosome 14 open reading frame 181 (C14orf181), mRNA."
"Homo sapiens chromosome 14 open reading frame 184 (C14orf184), mRNA."
Homo sapiens chromosome 14 open reading frame 19 (C14orf19) on chromosome 14.
"Homo sapiens chromosome 14 open reading frame 2 (C14orf2), mRNA."
"Homo sapiens chromosome 14 open reading frame 21 (C14orf21), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 23 (C14orf23), mRNA."
"Homo sapiens chromosome 14 open reading frame 28 (C14orf28), mRNA."
"Homo sapiens chromosome 14 open reading frame 32 (C14orf32), mRNA."
"Homo sapiens chromosome 14 open reading frame 37 (C14orf37), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 38 (C14orf38), mRNA."
"Homo sapiens chromosome 14 open reading frame 4 (C14orf4), mRNA."
"Homo sapiens chromosome 14 open reading frame 43 (C14orf43), transcript variant 1, mRNA.'
"Homo sapiens chromosome 14 open reading frame 45 (C14orf45), mRNA."
"Homo sapiens chromosome 14 open reading frame 68 (C14orf68), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 72 (C14orf72), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 78 (C14orf78), mRNA."
"Homo sapiens chromosome 14 open reading frame 79 (C14orf79), mRNA."
"Homo sapiens chromosome 14 open reading frame 80 (C14orf80), mRNA."
"PREDICTED: Homo sapiens chromosome 14 open reading frame 82 (C14orf82), mRNA."
"Homo sapiens chromosome 14 open reading frame 85 (C14orf85), non-coding RNA."
"Homo sapiens chromosome 14 open reading frame 93 (C14orf93), mRNA."
"Homo sapiens chromosome 15 open reading frame 17 (C15orf17), mRNA."
"Homo sapiens chromosome 15 open reading frame 21 (C15orf21), transcript variant 2, mRNA.'
"Homo sapiens chromosome 15 open reading frame 23 (C15orf23), mRNA."
"Homo sapiens chromosome 15 open reading frame 24 (C15orf24), mRNA."
"Homo sapiens chromosome 15 open reading frame 26 (C15orf26), mRNA."
"Homo sapiens chromosome 15 open reading frame 27 (C15orf27), mRNA."
"PREDICTED: Homo sapiens chromosome 15 open reading frame 28 (C15orf28), misc RNA."
"Homo sapiens chromosome 15 open reading frame 29 (C15orf29), mRNA."
"Homo sapiens chromosome 15 open reading frame 33 (C15orf33), mRNA."
"Homo sapiens chromosome 15 open reading frame 39 (C15orf39), mRNA."
"Homo sapiens chromosome 15 open reading frame 40 (C15orf40), mRNA."
"Homo sapiens chromosome 15 open reading frame 41 (C15orf41), mRNA."
"Homo sapiens chromosome 15 open reading frame 42 (C15orf42), mRNA."
"PREDICTED: Homo sapiens chromosome 15 open reading frame 44 (C15orf44), mRNA."
"Homo sapiens chromosome 15 open reading frame 48 (C15orf48), transcript variant 2, mRNA.'
"Homo sapiens chromosome 15 open reading frame 52 (C15orf52), mRNA."
"Homo sapiens chromosome 15 open reading frame 53 (C15orf53), mRNA."
"Homo sapiens chromosome 15 open reading frame 57 (C15orf57), transcript variant 2, mRNA.'
"Homo sapiens chromosome 15 open reading frame 63 (C15orf63), mRNA."
"Homo sapiens chromosome 16 open reading frame 13 (C16orf13), transcript variant 4, mRNA.'
"Homo sapiens chromosome 16 open reading frame 33 (C16orf33), mRNA."

"Homo sapiens chromosome 16 open reading frame 35 (C16orf35), transcript variant 2, mRNA.'
"Homo sapiens chromosome 16 open reading frame 38 (C16orf38), mRNA."
"Homo sapiens chromosome 16 open reading frame 42 (C16orf42), mRNA."
"Homo sapiens chromosome 16 open reading frame 46 (C16orf46), mRNA."
"Homo sapiens chromosome 16 open reading frame 48 (C16orf48), mRNA."
"Homo sapiens chromosome 16 open reading frame 5 (C16orf5), mRNA."
"PREDICTED: Homo sapiens chromosome 16 open reading frame 50, transcript variant 3 (C16
"Homo sapiens chromosome 16 open reading frame 52 (C16orf52), mRNA."
"Homo sapiens chromosome 16 open reading frame 53 (C16orf53), mRNA."
"Homo sapiens chromosome 16 open reading frame 54 (C16orf54), mRNA."
"Homo sapiens chromosome 16 open reading frame 56 (C16orf56), mRNA."
"Homo sapiens chromosome 16 open reading frame 57 (C16orf57), mRNA."
"Homo sapiens chromosome 16 open reading frame 58 (C16orf58), mRNA."
"Homo sapiens chromosome 16 open reading frame 59 (C16orf59), mRNA."
"Homo sapiens chromosome 16 open reading frame 61 (C16orf61), mRNA."
"Homo sapiens chromosome 16 open reading frame 62 (C16orf62), mRNA."
"Homo sapiens chromosome 16 open reading frame 63 (C16orf63), mRNA."
"Homo sapiens chromosome 16 open reading frame 68 (C16orf68), mRNA."
"Homo sapiens chromosome 16 open reading frame 69 (C16orf69), mRNA."
"Homo sapiens chromosome 16 open reading frame 7 (C16orf7), mRNA."
"Homo sapiens chromosome 16 open reading frame 70 (C16orf70), mRNA."
"Homo sapiens chromosome 16 open reading frame 72 (C16orf72), mRNA."
"Homo sapiens chromosome 16 open reading frame 73 (C16orf73), mRNA."
"Homo sapiens chromosome 16 open reading frame 74 (C16orf74), mRNA."
"Homo sapiens chromosome 16 open reading frame 75 (C16orf75), mRNA."
"Homo sapiens chromosome 16 open reading frame 79 (C16orf79), mRNA."
"Homo sapiens chromosome 16 open reading frame 80 (C16orf80), mRNA."
"Homo sapiens chromosome 16 open reading frame 85 (C16orf85), mRNA."
"Homo sapiens chromosome 16 open reading frame 86 (C16orf86), mRNA."
"Homo sapiens chromosome 16 open reading frame 87 (C16orf87), mRNA."
"Homo sapiens chromosome 16 open reading frame 88 (C16orf88), mRNA."
"Homo sapiens chromosome 16 open reading frame 91 (C16orf91), mRNA."
"Homo sapiens chromosome 16 open reading frame 93 (C16orf93), mRNA."
"Homo sapiens chromosome 17 open reading frame 100 (C17orf100), mRNA."
"Homo sapiens chromosome 17 open reading frame 101 (C17orf101), transcript variant 1, mRN
"Homo sapiens chromosome 17 open reading frame 106 (C17orf106), mRNA."
"Homo sapiens chromosome 17 open reading frame 108 (C17orf108), mRNA."
"Homo sapiens chromosome 17 open reading frame 28 (C17orf28), mRNA."
"Homo sapiens chromosome 17 open reading frame 37 (C17orf37), mRNA."
"Homo sapiens chromosome 17 open reading frame 39 (C17orf39), mRNA."
"PREDICTED: Homo sapiens chromosome 17 open reading frame 41 (C17orf41), mRNA."
"Homo sapiens chromosome 17 open reading frame 42 (C17orf42), mRNA."
"Homo sapiens chromosome 17 open reading frame 44 (C17orf44), mRNA."
"Homo sapiens chromosome 17 open reading frame 45 (C17orf45), mRNA."

"Homo sapiens chromosome 17 open reading frame 48 (C17orf48), mRNA."
"Homo sapiens chromosome 17 open reading frame 49 (C17orf49), mRNA."
"Homo sapiens chromosome 17 open reading frame 53 (C17orf53), mRNA."
"Homo sapiens chromosome 17 open reading frame 56 (C17orf56), mRNA."
"Homo sapiens chromosome 17 open reading frame 58 (C17orf58), transcript variant 2, mRNA.'
"Homo sapiens chromosome 17 open reading frame 59 (C17orf59), mRNA."
"Homo sapiens chromosome 17 open reading frame 60 (C17orf60), mRNA."
"Homo sapiens chromosome 17 open reading frame 61 (C17orf61), mRNA."
"Homo sapiens chromosome 17 open reading frame 62 (C17orf62), transcript variant 3, mRNA.'
"Homo sapiens chromosome 17 open reading frame 63 (C17orf63), transcript variant 1, mRNA.'
"Homo sapiens chromosome 17 open reading frame 64 (C17orf64), mRNA."
"Homo sapiens chromosome 17 open reading frame 65 (C17orf65), mRNA."
"Homo sapiens chromosome 17 open reading frame 67 (C17orf67), mRNA."
"PREDICTED: Homo sapiens chromosome 17 open reading frame 68 (C17orf68), mRNA."
"Homo sapiens chromosome 17 open reading frame 70 (C17orf70), mRNA."
"Homo sapiens chromosome 17 open reading frame 71 (C17orf71), mRNA."
"Homo sapiens chromosome 17 open reading frame 74 (C17orf74), mRNA."
"Homo sapiens chromosome 17 open reading frame 79 (C17orf79), mRNA."
"Homo sapiens chromosome 17 open reading frame 80 (C17orf80), mRNA."
"Homo sapiens chromosome 17 open reading frame 81 (C17orf81), transcript variant 2, mRNA.'
"Homo sapiens chromosome 17 open reading frame 82 (C17orf82), mRNA."
"Homo sapiens chromosome 17 open reading frame 85 (C17orf85), mRNA."
"PREDICTED: Homo sapiens misc_RNA (C17orf86), miscRNA."
"Homo sapiens chromosome 17 open reading frame 87 (C17orf87), mRNA."
"PREDICTED: Homo sapiens misc_RNA (C17orf88), miscRNA."
"Homo sapiens chromosome 17 open reading frame 89 (C17orf89), mRNA."
"Homo sapiens chromosome 17 open reading frame 90 (C17orf90), mRNA."
"Homo sapiens chromosome 17 open reading frame 91 (C17orf91), transcript variant 2, mRNA.'
"Homo sapiens chromosome 17 open reading frame 95 (C17orf95), mRNA."
"Homo sapiens chromosome 17 open reading frame 96 (C17orf96), mRNA."
"Homo sapiens chromosome 17 open reading frame 97 (C17orf97), mRNA."
"Homo sapiens chromosome 18 open reading frame 1 (C18orf1), transcript variant b2, mRNA."
"PREDICTED: Homo sapiens chromosome 18 open reading frame 18 (C18orf18), mRNA."
"Homo sapiens chromosome 18 open reading frame 19 (C18orf19), mRNA."
"Homo sapiens chromosome 18 open reading frame 20 (C18orf20), mRNA."
"Homo sapiens chromosome 18 open reading frame 21 (C18orf21), mRNA."
"Homo sapiens chromosome 18 open reading frame 22 (C18orf22), mRNA."
"Homo sapiens chromosome 18 open reading frame 25 (C18orf25), transcript variant 2, mRNA.'
"Homo sapiens chromosome 18 open reading frame 26 (C18orf26), mRNA."
"Homo sapiens chromosome 18 open reading frame 32 (C18orf32), mRNA."
"Homo sapiens chromosome 18 open reading frame 45 (C18orf45), mRNA."
"Homo sapiens chromosome 18 open reading frame 54 (C18orf54), mRNA."
"Homo sapiens chromosome 18 open reading frame 55 (C18orf55), mRNA."
"Homo sapiens chromosome 18 open reading frame 56 (C18orf56), mRNA."

"Homo sapiens chromosome 18 open reading frame 58 (C18orf58), mRNA."
"Homo sapiens chromosome 18 open reading frame 8 (C18orf8), mRNA."
"Homo sapiens chromosome 19 open reading frame 10 (C19orf10), mRNA."
"Homo sapiens chromosome 19 open reading frame 12 (C19orf12), transcript variant 1, mRNA.'
"Homo sapiens chromosome 19 open reading frame 2 (C19orf2), transcript variant 2, mRNA."
"Homo sapiens chromosome 19 open reading frame 20 (C19orf20), mRNA."
"Homo sapiens chromosome 19 open reading frame 22 (C19orf22), mRNA."
"Homo sapiens chromosome 19 open reading frame 23 (C19orf23), mRNA."
"Homo sapiens chromosome 19 open reading frame 24 (C19orf24), mRNA."
"Homo sapiens chromosome 19 open reading frame 25 (C19orf25), mRNA."
"Homo sapiens chromosome 19 open reading frame 26 (C19orf26), mRNA."
"Homo sapiens chromosome 19 open reading frame 28 (C19orf28), transcript variant 3, mRNA.'
"Homo sapiens chromosome 19 open reading frame 29 (C19orf29), transcript variant 1, mRNA.'
"PREDICTED: Homo sapiens chromosome 19 open reading frame 29 opposite strand (C19orf2
"Homo sapiens chromosome 19 open reading frame 30 (C19orf30), mRNA."
"Homo sapiens chromosome 19 open reading frame 31 (C19orf31), mRNA."
"Homo sapiens chromosome 19 open reading frame 36 (C19orf36), transcript variant 3, mRNA.'
"Homo sapiens chromosome 19 open reading frame 39 (C19orf39), mRNA."
"Homo sapiens chromosome 19 open reading frame 4 (C19orf4), mRNA."
"Homo sapiens chromosome 19 open reading frame 40 (C19orf40), mRNA."
"Homo sapiens chromosome 19 open reading frame 42 (C19orf42), mRNA."
"Homo sapiens chromosome 19 open reading frame 43 (C19orf43), mRNA."
"Homo sapiens chromosome 19 open reading frame 44 (C19orf44), mRNA."
"Homo sapiens chromosome 19 open reading frame 45 (C19orf45), mRNA."
"Homo sapiens chromosome 19 open reading frame 47 (C19orf47), mRNA."
"Homo sapiens chromosome 19 open reading frame 48 (C19orf48), mRNA."
"Homo sapiens chromosome 19 open reading frame 50 (C19orf50), mRNA."
"Homo sapiens chromosome 19 open reading frame 51 (C19orf51), mRNA."
"Homo sapiens chromosome 19 open reading frame 52 (C19orf52), mRNA."
"Homo sapiens chromosome 19 open reading frame 53 (C19orf53), mRNA."
"Homo sapiens chromosome 19 open reading frame 54 (C19orf54), mRNA."
"Homo sapiens chromosome 19 open reading frame 55 (C19orf55), mRNA."
"Homo sapiens chromosome 19 open reading frame 56 (C19orf56), mRNA."
"Homo sapiens chromosome 19 open reading frame 59 (C19orf59), mRNA."
"Homo sapiens chromosome 19 open reading frame 6 (C19orf6), transcript variant 1, mRNA."
"Homo sapiens chromosome 19 open reading frame 60 (C19orf60), transcript variant 2, mRNA.'
"Homo sapiens chromosome 19 open reading frame 61 (C19orf61), mRNA."
"Homo sapiens chromosome 19 open reading frame 62 (C19orf62), transcript variant 2, mRNA.'
"PREDICTED: Homo sapiens chromosome 19 open reading frame 64 (C19orf64), mRNA."
"Homo sapiens chromosome 19 open reading frame 66 (C19orf66), mRNA."
"Homo sapiens chromosome 19 open reading frame 70 (C19orf70), mRNA."
"Homo sapiens chromosome 19 open reading frame 71 (C19orf71), mRNA."
"Homo sapiens chromosome 19 open reading frame 73 (C19orf73), mRNA."
"Homo sapiens core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransfera

"Homo sapiens C1GALT1-specific chaperone 1 (C1GALT1C1), transcript variant 1, mRNA."
"Homo sapiens chromosome 1 open reading frame 100 (C1orf100), mRNA."
"Homo sapiens chromosome 1 open reading frame 102 (C1orf102), transcript variant 1, mRNA.'
"Homo sapiens chromosome 1 open reading frame 103 (C1orf103), transcript variant 2, mRNA.'
"Homo sapiens chromosome 1 open reading frame 106 (C1orf106), mRNA."
"Homo sapiens chromosome 1 open reading frame 107 (C1orf107), mRNA."
"Homo sapiens chromosome 1 open reading frame 109 (C1orf109), mRNA."
"Homo sapiens chromosome 1 open reading frame 112 (C1orf112), mRNA."
"Homo sapiens chromosome 1 open reading frame 120 (C1orf120), mRNA."
"Homo sapiens chromosome 1 open reading frame 122 (C1orf122), mRNA."
"Homo sapiens chromosome 1 open reading frame 123 (C1orf123), mRNA."
"Homo sapiens chromosome 1 open reading frame 124 (C1orf124), transcript variant 1, mRNA.'
"Homo sapiens chromosome 1 open reading frame 126 (C1orf126), mRNA."
"Homo sapiens chromosome 1 open reading frame 127 (C1orf127), mRNA."
"Homo sapiens chromosome 1 open reading frame 128 (C1orf128), mRNA."
"Homo sapiens chromosome 1 open reading frame 131 (C1orf131), mRNA."
"PREDICTED: Homo sapiens chromosome 1 open reading frame 132 (C1orf132), misc RNA."
"Homo sapiens chromosome 1 open reading frame 133 (C1orf133), non-coding RNA. XM_0017
"Homo sapiens chromosome 1 open reading frame 135 (C1orf135), mRNA."
"Homo sapiens chromosome 1 open reading frame 144 (C1orf144), mRNA."
"Homo sapiens chromosome 1 open reading frame 149 (C1orf149), mRNA."
"Homo sapiens chromosome 1 open reading frame 151 (C1orf151), mRNA."
"Homo sapiens chromosome 1 open reading frame 156 (C1orf156), mRNA."
"Homo sapiens chromosome 1 open reading frame 159 (C1orf159), mRNA."
"Homo sapiens chromosome 1 open reading frame 161 (C1orf161), mRNA."
"Homo sapiens chromosome 1 open reading frame 162 (C1orf162), mRNA."
"Homo sapiens chromosome 1 open reading frame 163 (C1orf163), mRNA."
"Homo sapiens chromosome 1 open reading frame 165 (C1orf165), mRNA."
"Homo sapiens chromosome 1 open reading frame 166 (C1orf166), mRNA."
"Homo sapiens chromosome 1 open reading frame 173 (C1orf173), mRNA."
"Homo sapiens chromosome 1 open reading frame 174 (C1orf174), mRNA."
"Homo sapiens chromosome 1 open reading frame 182 (C1orf182), mRNA."
"Homo sapiens chromosome 1 open reading frame 186 (C1orf186), mRNA."
"Homo sapiens chromosome 1 open reading frame 187 (C1orf187), mRNA."
"Homo sapiens chromosome 1 open reading frame 188 (C1orf188), mRNA."
"Homo sapiens chromosome 1 open reading frame 19 (C1orf19), mRNA."
"Homo sapiens chromosome 1 open reading frame 192 (C1orf192), mRNA."
"Homo sapiens chromosome 1 open reading frame 198 (C1orf198), mRNA."
"Homo sapiens chromosome 1 open reading frame 200 (C1orf200), mRNA."
"Homo sapiens chromosome 1 open reading frame 203 (C1orf203), non-coding RNA."
"Homo sapiens chromosome 1 open reading frame 21 (C1orf21), mRNA."
"Homo sapiens chromosome 1 open reading frame 210 (C1orf210), mRNA."
"Homo sapiens chromosome 1 open reading frame 212 (C1orf212), mRNA."
"Homo sapiens chromosome 1 open reading frame 213 (C1orf213), transcript variant 2, mRNA.'

"Homo sapiens chromosome 1 open reading frame 216 (C1orf216), mRNA."
"Homo sapiens chromosome 1 open reading frame 218 (C1orf218), mRNA."
"Homo sapiens chromosome 1 open reading frame 220 (C1orf220), mRNA."
"Homo sapiens chromosome 1 open reading frame 24 (C1orf24), transcript variant 2, mRNA."
"Homo sapiens chromosome 1 open reading frame 25 (C1orf25), mRNA."
"Homo sapiens chromosome 1 open reading frame 26 (C1orf26), mRNA."
"Homo sapiens chromosome 1 open reading frame 31 (C1orf31), mRNA."
"Homo sapiens chromosome 1 open reading frame 35 (C1orf35), mRNA."
"Homo sapiens chromosome 1 open reading frame 38 (C1orf38), transcript variant 1, mRNA."
"Homo sapiens chromosome 1 open reading frame 41 (C1orf41), mRNA."
"Homo sapiens chromosome 1 open reading frame 43 (C1orf43), transcript variant 1, mRNA."
"Homo sapiens chromosome 1 open reading frame 49 (C1orf49), mRNA."
"Homo sapiens chromosome 1 open reading frame 50 (C1orf50), mRNA."
"Homo sapiens chromosome 1 open reading frame 52 (C1orf52), mRNA."
"Homo sapiens chromosome 1 open reading frame 53 (C1orf53), mRNA."
"Homo sapiens chromosome 1 open reading frame 54 (C1orf54), mRNA."
"Homo sapiens chromosome 1 open reading frame 55 (C1orf55), mRNA."
"Homo sapiens chromosome 1 open reading frame 56 (C1orf56), mRNA."
"Homo sapiens chromosome 1 open reading frame 57 (C1orf57), mRNA."
"Homo sapiens chromosome 1 open reading frame 58 (C1orf58), mRNA."
"Homo sapiens chromosome 1 open reading frame 59 (C1orf59), mRNA."
"Homo sapiens chromosome 1 open reading frame 61 (C1orf61), mRNA."
"Homo sapiens chromosome 1 open reading frame 63 (C1orf63), transcript variant 1, mRNA."
"Homo sapiens chromosome 1 open reading frame 65 (C1orf65), mRNA."
"Homo sapiens chromosome 1 open reading frame 66 (C1orf66), mRNA."
"Homo sapiens chromosome 1 open reading frame 69 (C1orf69), mRNA."
"Homo sapiens chromosome 1 open reading frame 74 (C1orf74), mRNA."
"Homo sapiens chromosome 1 open reading frame 77 (C1orf77), mRNA."
"Homo sapiens chromosome 1 open reading frame 83 (C1orf83), mRNA."
"Homo sapiens chromosome 1 open reading frame 85 (C1orf85), mRNA."
"Homo sapiens chromosome 1 open reading frame 86 (C1orf86), transcript variant 2, mRNA."
"Homo sapiens chromosome 1 open reading frame 9 (C1orf9), transcript variant 1, mRNA."
"Homo sapiens chromosome 1 open reading frame 91 (C1orf91), mRNA."
"Homo sapiens chromosome 1 open reading frame 93 (C1orf93), mRNA."
"Homo sapiens chromosome 1 open reading frame 97 (C1orf97), mRNA."
"Homo sapiens complement component 1, q subcomponent, alpha polypeptide (C1QA), mRNA.
"Homo sapiens complement component 1, q subcomponent binding protein (C1QBP), nuclear g
"Homo sapiens complement component 1, q subcomponent-like 1 (C1QL1), mRNA."
"Homo sapiens complement component 1, q subcomponent-like 2 (C1QL2), mRNA."
"Homo sapiens complement component 1, q subcomponent-like 4 (C1QL4), mRNA."
"Homo sapiens C1q and tumor necrosis factor related protein 2 (C1QTNF2), mRNA."
"Homo sapiens C1q and tumor necrosis factor related protein 3 (C1QTNF3), transcript variant 1
"Homo sapiens C1q and tumor necrosis factor related protein 6 (C1QTNF6), transcript variant 1
"Homo sapiens C1q and tumor necrosis factor related protein 7 (C1QTNF7), mRNA."

"Homo sapiens C1q and tumor necrosis factor related protein 9 (C1QTNF9), mRNA."
"Homo sapiens chromosome 20 open reading frame 100 (C20orf100), mRNA."
"Homo sapiens chromosome 20 open reading frame 103 (C20orf103), mRNA."
"Homo sapiens chromosome 20 open reading frame 106 (C20orf106), mRNA."
"Homo sapiens chromosome 20 open reading frame 107 (C20orf107), mRNA."
"Homo sapiens chromosome 20 open reading frame 108 (C20orf108), mRNA."
"Homo sapiens chromosome 20 open reading frame 11 (C20orf11), mRNA."
"Homo sapiens chromosome 20 open reading frame 111 (C20orf111), mRNA."
"Homo sapiens chromosome 20 open reading frame 112 (C20orf112), mRNA."
"Homo sapiens chromosome 20 open reading frame 117 (C20orf117), transcript variant 1, mRN
"Homo sapiens chromosome 20 open reading frame 12 (C20orf12), mRNA."
"Homo sapiens chromosome 20 open reading frame 127 (C20orf127), mRNA."
"Homo sapiens chromosome 20 open reading frame 134 (C20orf134), mRNA."
"Homo sapiens chromosome 20 open reading frame 141 (C20orf141), mRNA."
"Homo sapiens chromosome 20 open reading frame 160 (C20orf160), mRNA."
"Homo sapiens chromosome 20 open reading frame 165 (C20orf165), mRNA."
"Homo sapiens chromosome 20 open reading frame 177 (C20orf177), mRNA."
"Homo sapiens chromosome 20 open reading frame 191 (C20orf191), mRNA."
"Homo sapiens chromosome 20 open reading frame 196 (C20orf196), mRNA."
"Homo sapiens chromosome 20 open reading frame 199 (C20orf199), transcript variant 3, non-c
"Homo sapiens chromosome 20 open reading frame 20 (C20orf20), mRNA."
"Homo sapiens chromosome 20 open reading frame 24 (C20orf24), transcript variant 2, mRNA.
"Homo sapiens chromosome 20 open reading frame 29 (C20orf29), mRNA."
"Homo sapiens chromosome 20 open reading frame 3 (C20orf3), mRNA."
"Homo sapiens chromosome 20 open reading frame 30 (C20orf30), transcript variant 1, mRNA.
"Homo sapiens chromosome 20 open reading frame 4 (C20orf4), mRNA."
"Homo sapiens chromosome 20 open reading frame 43 (C20orf43), mRNA."
"Homo sapiens chromosome 20 open reading frame 46 (C20orf46), mRNA."
"Homo sapiens chromosome 20 open reading frame 51 (C20orf51), mRNA."
"Homo sapiens chromosome 20 open reading frame 52 (C20orf52), mRNA."
"Homo sapiens chromosome 20 open reading frame 55 (C20orf55), transcript variant 1, mRNA.
"Homo sapiens chromosome 20 open reading frame 7 (C20orf7), transcript variant 1, mRNA."
"Homo sapiens chromosome 20 open reading frame 72 (C20orf72), mRNA."
"Homo sapiens chromosome 20 open reading frame 75 (C20orf75), mRNA."
"PREDICTED: Homo sapiens chromosome 20 open reading frame 86 (C20orf86), mRNA."
"Homo sapiens chromosome 20 open reading frame 96 (C20orf96), mRNA."
"Homo sapiens chromosome 21 open reading frame 119 (C21orf119), mRNA."
"PREDICTED: Homo sapiens chromosome 21 open reading frame 122 (C21orf122), mRNA."
"Homo sapiens chromosome 21 open reading frame 124 (C21orf124), mRNA."
"Homo sapiens chromosome 21 open reading frame 129 (C21orf129), mRNA."
"Homo sapiens chromosome 21 open reading frame 2 (C21orf2), mRNA."
"Homo sapiens chromosome 21 open reading frame 24 (C21orf24), mRNA."
"PREDICTED: Homo sapiens chromosome 21 open reading frame 30 (C21orf30), mRNA."
"Homo sapiens chromosome 21 open reading frame 33 (C21orf33), nuclear gene encoding mitc

"Homo sapiens chromosome 21 open reading frame 34 (C21orf34), transcript variant 3, mRNA.'
"Homo sapiens chromosome 21 open reading frame 37 (C21orf37), mRNA."
"Homo sapiens chromosome 21 open reading frame 42 (C21orf42), mRNA."
"Homo sapiens chromosome 21 open reading frame 45 (C21orf45), mRNA."
"Homo sapiens chromosome 21 open reading frame 51 (C21orf51), transcript variant 2, mRNA.'
"Homo sapiens chromosome 21 open reading frame 54 (C21orf54), non-coding RNA."
"Homo sapiens chromosome 21 open reading frame 55 (C21orf55), mRNA."
"Homo sapiens chromosome 21 open reading frame 56 (C21orf56), mRNA."
"Homo sapiens chromosome 21 open reading frame 57 (C21orf57), transcript variant 1, mRNA.'
"Homo sapiens chromosome 21 open reading frame 58 (C21orf58), transcript variant 2, mRNA.'
"Homo sapiens chromosome 21 open reading frame 59 (C21orf59), transcript variant 1, mRNA.'
"Homo sapiens chromosome 21 open reading frame 63 (C21orf63), mRNA."
"Homo sapiens chromosome 21 open reading frame 66 (C21orf66), transcript variant 4, mRNA.'
"Homo sapiens chromosome 21 open reading frame 67 (C21orf67), mRNA."
"Homo sapiens chromosome 21 open reading frame 69 (C21orf69), mRNA."
"Homo sapiens chromosome 21 open reading frame 7 (C21orf7), mRNA."
"Homo sapiens chromosome 21 open reading frame 70 (C21orf70), mRNA."
"Homo sapiens chromosome 21 open reading frame 77 (C21orf77), mRNA."
"Homo sapiens chromosome 21 open reading frame 84 (C21orf84), mRNA."
"Homo sapiens chromosome 21 open reading frame 91 (C21orf91), transcript variant 2, mRNA.'
"Homo sapiens chromosome 21 open reading frame 93 (C21orf93), mRNA."
"PREDICTED: Homo sapiens misc_RNA (C21orf96), miscRNA."
"Homo sapiens chromosome 22 open reading frame 13 (C22orf13), mRNA."
"Homo sapiens chromosome 22 open reading frame 23 (C22orf23), mRNA."
"Homo sapiens chromosome 22 open reading frame 24 (C22orf24), mRNA."
"Homo sapiens chromosome 22 open reading frame 25 (C22orf25), mRNA."
"Homo sapiens chromosome 22 open reading frame 26 (C22orf26), mRNA."
"Homo sapiens chromosome 22 open reading frame 28 (C22orf28), mRNA."
"Homo sapiens chromosome 22 open reading frame 29 (C22orf29), mRNA."
"Homo sapiens chromosome 22 open reading frame 30 (C22orf30), mRNA."
"Homo sapiens chromosome 22 open reading frame 32 (C22orf32), mRNA."
"Homo sapiens chromosome 22 open reading frame 33 (C22orf33), mRNA."
"Homo sapiens chromosome 22 open reading frame 34 (C22orf34), mRNA."
"Homo sapiens chromosome 22 open reading frame 36 (C22orf36), mRNA."
"Homo sapiens chromosome 22 open reading frame 39 (C22orf39), mRNA."
"Homo sapiens chromosome 22 open reading frame 40 (C22orf40), mRNA."
"Homo sapiens chromosome 22 open reading frame 9 (C22orf9), transcript variant 2, mRNA."
"Homo sapiens C2 calcium-dependent domain containing 2 (C2CD2), transcript variant 1, mRNA
"Homo sapiens C2CD2-like (C2CD2L), mRNA."
"Homo sapiens C2 calcium-dependent domain containing 3 (C2CD3), mRNA."
"Homo sapiens C2 calcium-dependent domain containing 4D (C2CD4D), mRNA."
"Homo sapiens chromosome 2 open reading frame 15 (C2orf15), mRNA."
"Homo sapiens chromosome 2 open reading frame 18 (C2orf18), mRNA."
"Homo sapiens chromosome 2 open reading frame 21 (C2orf21), mRNA."

"Homo sapiens chromosome 2 open reading frame 24 (C2orf24), mRNA."
"Homo sapiens chromosome 2 open reading frame 25 (C2orf25), mRNA."
"Homo sapiens chromosome 2 open reading frame 27A (C2orf27A), mRNA."
"Homo sapiens chromosome 2 open reading frame 28 (C2orf28), transcript variant 2, mRNA."
"Homo sapiens chromosome 2 open reading frame 30 (C2orf30), mRNA."
"Homo sapiens chromosome 2 open reading frame 37 (C2orf37), mRNA."
"Homo sapiens chromosome 2 open reading frame 42 (C2orf42), mRNA."
"Homo sapiens chromosome 2 open reading frame 43 (C2orf43), mRNA."
"Homo sapiens chromosome 2 open reading frame 44 (C2orf44), mRNA."
"Homo sapiens chromosome 2 open reading frame 47 (C2orf47), mRNA."
"Homo sapiens chromosome 2 open reading frame 48 (C2orf48), mRNA."
"Homo sapiens chromosome 2 open reading frame 49 (C2orf49), mRNA."
"Homo sapiens chromosome 2 open reading frame 52 (C2orf52), mRNA."
"Homo sapiens chromosome 2 open reading frame 56 (C2orf56), transcript variant 3, mRNA."
"Homo sapiens chromosome 2 open reading frame 63 (C2orf63), mRNA."
"Homo sapiens chromosome 2 open reading frame 64 (C2orf64), mRNA."
"Homo sapiens chromosome 2 open reading frame 65 (C2orf65), mRNA."
"Homo sapiens chromosome 2 open reading frame 68 (C2orf68), mRNA."
"Homo sapiens chromosome 2 open reading frame 69 (C2orf69), mRNA."
"Homo sapiens chromosome 2 open reading frame 7 (C2orf7), mRNA."
"Homo sapiens chromosome 2 open reading frame 73 (C2orf73), mRNA."
"Homo sapiens chromosome 2 open reading frame 76 (C2orf76), mRNA."
"Homo sapiens chromosome 2 open reading frame 77 (C2orf77), mRNA."
"Homo sapiens chromosome 2 open reading frame 79 (C2orf79), mRNA."
"Homo sapiens chromosome 2 open reading frame 80 (C2orf80), mRNA."
"Homo sapiens chromosome 2 open reading frame 82 (C2orf82), mRNA."
"Homo sapiens chromosome 2 open reading frame 88 (C2orf88), transcript variant 1, mRNA."
"Homo sapiens chromosome 2 open reading frame 89 (C2orf89), mRNA."
"Homo sapiens chromosome 3 open reading frame 1 (C3orf1), mRNA."
"Homo sapiens chromosome 3 open reading frame 10 (C3orf10), mRNA."
"Homo sapiens chromosome 3 open reading frame 14 (C3orf14), mRNA."
"Homo sapiens chromosome 3 open reading frame 15 (C3orf15), mRNA."
"Homo sapiens chromosome 3 open reading frame 17 (C3orf17), transcript variant 2, mRNA."
"Homo sapiens chromosome 3 open reading frame 18 (C3orf18), mRNA."
"Homo sapiens chromosome 3 open reading frame 19 (C3orf19), mRNA."
"Homo sapiens chromosome 3 open reading frame 21 (C3orf21), mRNA."
"Homo sapiens chromosome 3 open reading frame 23 (C3orf23), transcript variant 2, mRNA."
"Homo sapiens chromosome 3 open reading frame 25 (C3orf25), mRNA."
"Homo sapiens chromosome 3 open reading frame 26 (C3orf26), mRNA."
"Homo sapiens chromosome 3 open reading frame 31 (C3orf31), mRNA."
"Homo sapiens chromosome 3 open reading frame 32 (C3orf32), mRNA."
"Homo sapiens chromosome 3 open reading frame 34 (C3orf34), mRNA."
"Homo sapiens chromosome 3 open reading frame 37 (C3orf37), transcript variant 1, mRNA."
"Homo sapiens chromosome 3 open reading frame 38 (C3orf38), mRNA."

"Homo sapiens chromosome 3 open reading frame 39 (C3orf39), mRNA."
"Homo sapiens chromosome 3 open reading frame 42 (C3orf42), mRNA."
"PREDICTED: Homo sapiens chromosome 3 open reading frame 46 (C3orf46), mRNA."
"Homo sapiens chromosome 3 open reading frame 52 (C3orf52), mRNA."
"Homo sapiens chromosome 3 open reading frame 54 (C3orf54), mRNA."
"Homo sapiens chromosome 3 open reading frame 57 (C3orf57), mRNA."
"Homo sapiens chromosome 3 open reading frame 58 (C3orf58), mRNA."
"Homo sapiens chromosome 3 open reading frame 59 (C3orf59), mRNA."
"Homo sapiens chromosome 3 open reading frame 60 (C3orf60), transcript variant 5, mRNA."
"Homo sapiens chromosome 3 open reading frame 62 (C3orf62), mRNA."
"Homo sapiens chromosome 3 open reading frame 63 (C3orf63), mRNA."
"Homo sapiens chromosome 3 open reading frame 64 (C3orf64), mRNA."
"Homo sapiens chromosome 3 open reading frame 70 (C3orf70), mRNA."
"Homo sapiens chromosome 3 open reading frame 71 (C3orf71), mRNA."
"Homo sapiens chromosome 3 open reading frame 74 (C3orf74), mRNA."
"Homo sapiens chromosome 3 open reading frame 75 (C3orf75), mRNA."
"Homo sapiens complement component 4 binding protein, beta (C4BPB), transcript variant 5, m
"Homo sapiens chromosome 4 open reading frame 12 (C4orf12), mRNA."
"Homo sapiens chromosome 4 open reading frame 14 (C4orf14), mRNA."
"Homo sapiens chromosome 4 open reading frame 16 (C4orf16), mRNA."
"Homo sapiens chromosome 4 open reading frame 18 (C4orf18), transcript variant 2, mRNA."
"Homo sapiens chromosome 4 open reading frame 22 (C4orf22), mRNA."
"Homo sapiens chromosome 4 open reading frame 23 (C4orf23), transcript variant 2, mRNA."
"Homo sapiens chromosome 4 open reading frame 26 (C4orf26), mRNA."
"Homo sapiens chromosome 4 open reading frame 27 (C4orf27), mRNA."
"Homo sapiens chromosome 4 open reading frame 29 (C4orf29), mRNA."
"Homo sapiens chromosome 4 open reading frame 32 (C4orf32), mRNA."
"Homo sapiens chromosome 4 open reading frame 33 (C4orf33), transcript variant 2, mRNA."
"Homo sapiens chromosome 4 open reading frame 34 (C4orf34), mRNA."
"Homo sapiens chromosome 4 open reading frame 39 (C4orf39), mRNA."
"Homo sapiens chromosome 4 open reading frame 41 (C4orf41), transcript variant 1, mRNA."
"Homo sapiens chromosome 4 open reading frame 43 (C4orf43), mRNA."
"Homo sapiens chromosome 4 open reading frame 46 (C4orf46), mRNA."
"Homo sapiens chromosome 4 open reading frame 47 (C4orf47), mRNA."
"Homo sapiens chromosome 4 open reading frame 49 (C4orf49), mRNA."
"Homo sapiens complement component 5 (C5), mRNA."
"Homo sapiens complement component 5a receptor 1 (C5AR1), mRNA."
"Homo sapiens chromosome 5 open reading frame 13 (C5orf13), mRNA."
"Homo sapiens chromosome 5 open reading frame 15 (C5orf15), mRNA."
"Homo sapiens chromosome 5 open reading frame 20 (C5orf20), mRNA."
"Homo sapiens chromosome 5 open reading frame 21 (C5orf21), mRNA."
"Homo sapiens chromosome 5 open reading frame 22 (C5orf22), mRNA."
"Homo sapiens chromosome 5 open reading frame 24 (C5orf24), mRNA."
"Homo sapiens chromosome 5 open reading frame 25 (C5orf25), mRNA."

"PREDICTED: Homo sapiens misc_RNA (C5orf27), miscRNA."
"Homo sapiens chromosome 5 open reading frame 28 (C5orf28), mRNA."
"Homo sapiens chromosome 5 open reading frame 30 (C5orf30), mRNA."
"Homo sapiens chromosome 5 open reading frame 32 (C5orf32), mRNA."
"Homo sapiens chromosome 5 open reading frame 33 (C5orf33), transcript variant 2, mRNA."
"Homo sapiens chromosome 5 open reading frame 34 (C5orf34), mRNA."
"Homo sapiens chromosome 5 open reading frame 35 (C5orf35), mRNA."
"Homo sapiens chromosome 5 open reading frame 36 (C5orf36), mRNA."
"Homo sapiens chromosome 5 open reading frame 37 (C5orf37), mRNA."
"Homo sapiens chromosome 5 open reading frame 39 (C5orf39), mRNA."
"Homo sapiens chromosome 5 open reading frame 41 (C5orf41), mRNA."
"Homo sapiens chromosome 5 open reading frame 42 (C5orf42), mRNA."
"Homo sapiens chromosome 5 open reading frame 44 (C5orf44), transcript variant 3, mRNA."
"Homo sapiens chromosome 5 open reading frame 45 (C5orf45), transcript variant 2, mRNA."
"Homo sapiens chromosome 5 open reading frame 5 (C5orf5), mRNA."
"Homo sapiens chromosome 5 open reading frame 51 (C5orf51), mRNA."
"Homo sapiens chromosome 5 open reading frame 53 (C5orf53), mRNA."
"Homo sapiens complement component 6 (C6), mRNA."
"Homo sapiens chromosome 6 open reading frame 1 (C6orf1), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens misc_RNA (C6orf100), miscRNA."
"Homo sapiens chromosome 6 open reading frame 105 (C6orf105), mRNA."
"Homo sapiens chromosome 6 open reading frame 106 (C6orf106), transcript variant 1, mRNA.'
"Homo sapiens chromosome 6 open reading frame 107 (C6orf107), mRNA."
"Homo sapiens chromosome 6 open reading frame 108 (C6orf108), transcript variant 2, mRNA.'
"Homo sapiens chromosome 6 open reading frame 111 (C6orf111), mRNA."
"Homo sapiens chromosome 6 open reading frame 114 (C6orf114), mRNA."
"Homo sapiens chromosome 6 open reading frame 115 (C6orf115), mRNA."
"Homo sapiens chromosome 6 open reading frame 117 (C6orf117), mRNA."
"Homo sapiens chromosome 6 open reading frame 120 (C6orf120), mRNA."
"Homo sapiens chromosome 6 open reading frame 124 (C6orf124), mRNA."
"Homo sapiens chromosome 6 open reading frame 125 (C6orf125), mRNA."
"Homo sapiens chromosome 6 open reading frame 129 (C6orf129), mRNA."
"Homo sapiens chromosome 6 open reading frame 130 (C6orf130), mRNA."
"Homo sapiens chromosome 6 open reading frame 136 (C6orf136), mRNA."
"Homo sapiens chromosome 6 open reading frame 138 (C6orf138), mRNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 140 (C6orf140), mRNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 145 (C6orf145), mRNA."
"Homo sapiens chromosome 6 open reading frame 148 (C6orf148), mRNA."
"Homo sapiens chromosome 6 open reading frame 150 (C6orf150), mRNA."
"Homo sapiens chromosome 6 open reading frame 154 (C6orf154), mRNA."
"Homo sapiens chromosome 6 open reading frame 155 (C6orf155), mRNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 160, transcript variant 4 (C6or
"Homo sapiens chromosome 6 open reading frame 162 (C6orf162), transcript variant 2, mRNA.'
"Homo sapiens chromosome 6 open reading frame 163 (C6orf163), mRNA."

"Homo sapiens chromosome 6 open reading frame 170 (C6orf170), mRNA."
"Homo sapiens chromosome 6 open reading frame 173 (C6orf173), mRNA."
"Homo sapiens chromosome 6 open reading frame 182 (C6orf182), transcript variant 2, mRNA.
"PREDICTED: Homo sapiens chromosome 6 open reading frame 184, transcript variant 2 (C6o
"Homo sapiens chromosome 6 open reading frame 191 (C6orf191), mRNA."
"Homo sapiens chromosome 6 open reading frame 192 (C6orf192), mRNA."
"Homo sapiens chromosome 6 open reading frame 199 (C6orf199), mRNA."
"Homo sapiens chromosome 6 open reading frame 203 (C6orf203), mRNA."
"Homo sapiens chromosome 6 open reading frame 204 (C6orf204), transcript variant 2, mRNA.
"Homo sapiens chromosome 6 open reading frame 211 (C6orf211), mRNA."
"Homo sapiens chromosome 6 open reading frame 218 (C6orf218), mRNA."
"Homo sapiens chromosome 6 open reading frame 222 (C6orf222), mRNA."
"Homo sapiens chromosome 6 open reading frame 223 (C6orf223), mRNA."
"Homo sapiens chromosome 6 open reading frame 224 (C6orf224), mRNA."
"Homo sapiens chromosome 6 open reading frame 225 (C6orf225), mRNA."
"Homo sapiens chromosome 6 open reading frame 26 (C6orf26), mRNA."
"Homo sapiens chromosome 6 open reading frame 47 (C6orf47), mRNA."
"Homo sapiens chromosome 6 open reading frame 48 (C6orf48), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 52 (C6orf52), mRNA."
"Homo sapiens chromosome 6 open reading frame 57 (C6orf57), mRNA."
"Homo sapiens chromosome 6 open reading frame 58 (C6orf58), mRNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 59 (C6orf59), misc RNA."
"PREDICTED: Homo sapiens chromosome 6 open reading frame 61 (C6orf61), mRNA."
"Homo sapiens chromosome 6 open reading frame 62 (C6orf62), mRNA."
"Homo sapiens chromosome 6 open reading frame 66 (C6orf66), mRNA."
"Homo sapiens chromosome 6 open reading frame 72 (C6orf72), mRNA."
"Homo sapiens chromosome 6 open reading frame 81 (C6orf81), mRNA."
"Homo sapiens chromosome 6 open reading frame 89 (C6orf89), mRNA."
"Homo sapiens chromosome 7 open reading frame 10 (C7orf10), mRNA."
"Homo sapiens chromosome 7 open reading frame 11 (C7orf11), mRNA."
"Homo sapiens chromosome 7 open reading frame 13 (C7orf13), mRNA."
"PREDICTED: Homo sapiens chromosome 7 open reading frame 20, transcript variant 8 (C7orf
"Homo sapiens chromosome 7 open reading frame 23 (C7orf23), mRNA."
"Homo sapiens chromosome 7 open reading frame 25 (C7orf25), transcript variant 1, mRNA."
"Homo sapiens chromosome 7 open reading frame 26 (C7orf26), mRNA."
"Homo sapiens chromosome 7 open reading frame 27 (C7orf27), mRNA."
"PREDICTED: Homo sapiens chromosome 7 open reading frame 28A (C7orf28A), mRNA."
"PREDICTED: Homo sapiens chromosome 7 open reading frame 28B (C7orf28B), mRNA."
"Homo sapiens chromosome 7 open reading frame 29 (C7orf29), mRNA."
"Homo sapiens chromosome 7 open reading frame 30 (C7orf30), mRNA."
"Homo sapiens chromosome 7 open reading frame 31 (C7orf31), mRNA."
"Homo sapiens chromosome 7 open reading frame 36 (C7orf36), mRNA."
"Homo sapiens chromosome 7 open reading frame 38 (C7orf38), mRNA."
"Homo sapiens chromosome 7 open reading frame 40 (C7orf40), non-coding RNA."

"Homo sapiens chromosome 7 open reading frame 41 (C7orf41), mRNA."
"Homo sapiens chromosome 7 open reading frame 42 (C7orf42), mRNA."
"Homo sapiens chromosome 7 open reading frame 43 (C7orf43), mRNA."
"Homo sapiens chromosome 7 open reading frame 44 (C7orf44), mRNA."
"Homo sapiens chromosome 7 open reading frame 47 (C7orf47), mRNA."
"Homo sapiens chromosome 7 open reading frame 49 (C7orf49), mRNA."
"Homo sapiens chromosome 7 open reading frame 50 (C7orf50), mRNA."
"Homo sapiens chromosome 7 open reading frame 51 (C7orf51), mRNA."
"Homo sapiens chromosome 7 open reading frame 53 (C7orf53), mRNA."
"Homo sapiens chromosome 7 open reading frame 54 (C7orf54), mRNA."
"Homo sapiens chromosome 7 open reading frame 55 (C7orf55), nuclear gene encoding mitoch
"Homo sapiens chromosome 7 open reading frame 57 (C7orf57), mRNA."
"Homo sapiens chromosome 7 open reading frame 58 (C7orf58), transcript variant 2, mRNA."
"Homo sapiens chromosome 7 open reading frame 59 (C7orf59), mRNA."
"Homo sapiens chromosome 7 open reading frame 61 (C7orf61), mRNA."
"Homo sapiens chromosome 7 open reading frame 65 (C7orf65), mRNA."
"Homo sapiens chromosome 7 open reading frame 68 (C7orf68), transcript variant 1, mRNA."
"Homo sapiens chromosome 7 open reading frame 70 (C7orf70), mRNA."
"PREDICTED: Homo sapiens misc_RNA (C8orf12), miscRNA."
"Homo sapiens chromosome 8 open reading frame 13 (C8orf13), mRNA."
"Homo sapiens chromosome 8 open reading frame 17 (C8orf17), mRNA."
"PREDICTED: Homo sapiens chromosome 8 open reading frame 30A (C8orf30A), mRNA."
"PREDICTED: Homo sapiens chromosome 8 open reading frame 30B (C8orf30B), mRNA."
"Homo sapiens chromosome 8 open reading frame 33 (C8orf33), mRNA."
"Homo sapiens chromosome 8 open reading frame 37 (C8orf37), mRNA."
"Homo sapiens chromosome 8 open reading frame 38 (C8orf38), mRNA."
"Homo sapiens chromosome 8 open reading frame 40 (C8orf40), mRNA."
"Homo sapiens chromosome 8 open reading frame 41 (C8orf41), mRNA."
"Homo sapiens chromosome 8 open reading frame 44 (C8orf44), mRNA."
"Homo sapiens chromosome 8 open reading frame 45 (C8orf45), mRNA."
"Homo sapiens chromosome 8 open reading frame 46 (C8orf46), mRNA."
"Homo sapiens chromosome 8 open reading frame 51 (C8orf51), mRNA."
"Homo sapiens chromosome 8 open reading frame 55 (C8orf55), mRNA."
"Homo sapiens chromosome 8 open reading frame 58 (C8orf58), mRNA."
"Homo sapiens chromosome 8 open reading frame 59 (C8orf59), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens chromosome 8 open reading frame 71 (C8orf71), mRNA."
"PREDICTED: Homo sapiens chromosome 8 open reading frame 77 (C8orf77), misc RNA."
"Homo sapiens chromosome 8 open reading frame 80 (C8orf80), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC340393 (C8ORFK29), misc RNA."
"Homo sapiens chromosome 9 open reading frame 100 (C9orf100), mRNA."
"Homo sapiens chromosome 9 open reading frame 102 (C9orf102), mRNA."
"Homo sapiens chromosome 9 open reading frame 103 (C9orf103), mRNA."
"Homo sapiens chromosome 9 open reading frame 106 (C9orf106), mRNA."
"Homo sapiens chromosome 9 open reading frame 10 opposite strand (C9orf10OS), mRNA."

"Homo sapiens chromosome 9 open reading frame 114 (C9orf114), mRNA."
"Homo sapiens chromosome 9 open reading frame 116 (C9orf116), transcript variant 2, mRNA.'
"Homo sapiens chromosome 9 open reading frame 119 (C9orf119), mRNA."
"Homo sapiens chromosome 9 open reading frame 123 (C9orf123), mRNA."
"Homo sapiens chromosome 9 open reading frame 126 (C9orf126), mRNA."
"Homo sapiens chromosome 9 open reading frame 127 (C9orf127), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 130 (C9orf130), mRNA."
"Homo sapiens chromosome 9 open reading frame 135 (C9orf135), mRNA."
"Homo sapiens chromosome 9 open reading frame 140 (C9orf140), mRNA."
"Homo sapiens chromosome 9 open reading frame 142 (C9orf142), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 144 (C9orf144), mRNA."
"Homo sapiens hypothetical protein LOC259308 (C9orf144B), mRNA."
"Homo sapiens chromosome 9 open reading frame 152 (C9orf152), mRNA."
"Homo sapiens chromosome 9 open reading frame 156 (C9orf156), mRNA."
"Homo sapiens chromosome 9 open reading frame 16 (C9orf16), mRNA."
"Homo sapiens chromosome 9 open reading frame 167 (C9orf167), mRNA."
"Homo sapiens chromosome 9 open reading frame 169 (C9orf169), mRNA."
"Homo sapiens chromosome 9 open reading frame 171 (C9orf171), mRNA."
"Homo sapiens chromosome 9 open reading frame 173 (C9orf173), mRNA."
"Homo sapiens chromosome 9 open reading frame 21 (C9orf21), mRNA."
"Homo sapiens chromosome 9 open reading frame 23 (C9orf23), transcript variant 1, mRNA."
"Homo sapiens chromosome 9 open reading frame 24 (C9orf24), transcript variant 2, mRNA."
"Homo sapiens chromosome 9 open reading frame 25 (C9orf25), mRNA."
"Homo sapiens chromosome 9 open reading frame 3 (C9orf3), mRNA."
"Homo sapiens chromosome 9 open reading frame 30 (C9orf30), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 31 (C9orf31), mRNA."
"Homo sapiens chromosome 9 open reading frame 37 (C9orf37), mRNA."
"Homo sapiens chromosome 9 open reading frame 40 (C9orf40), mRNA."
"Homo sapiens chromosome 9 open reading frame 41 (C9orf41), mRNA."
"Homo sapiens chromosome 9 open reading frame 43 (C9orf43), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 45 (C9orf45), misc RNA."
"Homo sapiens chromosome 9 open reading frame 46 (C9orf46), mRNA."
"Homo sapiens chromosome 9 open reading frame 5 (C9orf5), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 53 (C9orf53), mRNA."
"Homo sapiens chromosome 9 open reading frame 6 (C9orf6), mRNA."
"Homo sapiens chromosome 9 open reading frame 64 (C9orf64), mRNA."
"Homo sapiens chromosome 9 open reading frame 66 (C9orf66), mRNA."
"Homo sapiens chromosome 9 open reading frame 69 (C9orf69), mRNA."
"Homo sapiens chromosome 9 open reading frame 7 (C9orf7), mRNA."
"PREDICTED: Homo sapiens chromosome 9 open reading frame 70 (C9orf70), mRNA."
"Homo sapiens chromosome 9 open reading frame 72 (C9orf72), transcript variant 1, mRNA."
"Homo sapiens chromosome 9 open reading frame 75 (C9orf75), mRNA."
"Homo sapiens chromosome 9 open reading frame 78 (C9orf78), mRNA."
"Homo sapiens chromosome 9 open reading frame 80 (C9orf80), mRNA."

"Homo sapiens chromosome 9 open reading frame 82 (C9orf82), mRNA."
"Homo sapiens chromosome 9 open reading frame 85 (C9orf85), mRNA."
"Homo sapiens chromosome 9 open reading frame 86 (C9orf86), mRNA."
"Homo sapiens chromosome 9 open reading frame 89 (C9orf89), mRNA."
"Homo sapiens chromosome 9 open reading frame 9 (C9orf9), mRNA."
"Homo sapiens chromosome 9 open reading frame 90 (C9orf90), mRNA."
"Homo sapiens chromosome 9 open reading frame 91 (C9orf91), mRNA."
"Homo sapiens chromosome 9 open reading frame 95 (C9orf95), mRNA."
"Homo sapiens chromosome 9 open reading frame 96 (C9orf96), mRNA."
"Homo sapiens carbonic anhydrase X (CA10), mRNA."
"Homo sapiens carbonic anhydrase XI (CA11), mRNA."
"Homo sapiens carbonic anhydrase XIII (CA13), mRNA."
"Homo sapiens carbonic anhydrase II (CA2), mRNA."
"Homo sapiens carbonic anhydrase VB, mitochondrial (CA5B), nuclear gene encoding mitochor
"Homo sapiens carbonic anhydrase VIII (CA8), mRNA."
"Homo sapiens calcium binding protein 39 (CAB39), mRNA."
"Homo sapiens calcium binding protein 39-like (CAB39L), transcript variant 2, mRNA."
"Homo sapiens chaperone, ABC1 activity of bc1 complex homolog (S. pombe) (CABC1), nuclea
"Homo sapiens Cdk5 and Abl enzyme substrate 1 (CABLES1), transcript variant 1, mRNA."
"Homo sapiens Cdk5 and Abl enzyme substrate 2 (CABLES2), mRNA."
"Homo sapiens calcium binding protein 4 (CABP4), mRNA."
"Homo sapiens calcium binding protein 7 (CABP7), mRNA."
"Homo sapiens calcium channel, voltage-dependent, P/Q type, alpha 1A subunit (CACNA1A), tr
"Homo sapiens calcium channel, voltage-dependent, N type, alpha 1B subunit (CACNA1B), mR
"Homo sapiens calcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), mR
"Homo sapiens calcium channel, voltage-dependent, L type, alpha 1S subunit (CACNA1S), mRI
"Homo sapiens calcium channel, voltage-dependent, beta 1 subunit (CACNB1), transcript variar
"Homo sapiens calcium channel, voltage-dependent, beta 2 subunit (CACNB2), transcript variar
"Homo sapiens calcium channel, voltage-dependent, beta 3 subunit (CACNB3), mRNA."
"Homo sapiens calcium channel, voltage-dependent, gamma subunit 3 (CACNG3), mRNA."
"Homo sapiens calcyclin binding protein (CACYBP), transcript variant 2, mRNA."
"Homo sapiens carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroor
"Homo sapiens cell adhesion molecule 1 (CADM1), transcript variant 1, mRNA."
"Homo sapiens cell adhesion molecule 4 (CADM4), mRNA."
"Homo sapiens calbindin 2 (CALB2), transcript variant CALB2c, mRNA."
"Homo sapiens calcitonin-related polypeptide alpha (CALCA), transcript variant 1, mRNA."
"Homo sapiens calcitonin-related polypeptide beta (CALCB), mRNA."
"Homo sapiens calcium binding and coiled-coil domain 1 (CALCOCO1), mRNA."
"Homo sapiens calcium binding and coiled-coil domain 2 (CALCOCO2), mRNA."
"Homo sapiens calcitonin receptor-like (CALCRL), mRNA."
"Homo sapiens caldesmon 1 (CALD1), transcript variant 3, mRNA."
"Homo sapiens calcium homeostasis modulator 1 (CALHM1), mRNA."
"Homo sapiens calcium homeostasis modulator 2 (CALHM2), mRNA."
"Homo sapiens calcium homeostasis modulator 3 (CALHM3), mRNA."

"Homo sapiens calmodulin 1 (phosphorylase kinase, delta) (CALM1), mRNA."
"Homo sapiens calmodulin 2 (phosphorylase kinase, delta) (CALM2), mRNA."
"Homo sapiens calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA."
"Homo sapiens calmodulin-like 4 (CALML4), transcript variant 2, mRNA."
"Homo sapiens calmodulin-like 5 (CALML5), mRNA."
"Homo sapiens calreticulin (CALR), mRNA."
"Homo sapiens calumenin (CALU), mRNA."
"Homo sapiens calcyon neuron-specific vesicular protein (CALY), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase I (CAMK1), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase ID (CAMK1D), transcript variant 2
"Homo sapiens calcium/calmodulin-dependent protein kinase IG (CAMK1G), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase (CaM kinase) II beta (CAMK2B), t
"Homo sapiens calcium/calmodulin-dependent protein kinase (CaM kinase) II delta (CAMK2D),
"Homo sapiens calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma (CAMK2G
"Homo sapiens calcium/calmodulin-dependent protein kinase II inhibitor 1 (CAMK2N1), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase II inhibitor 2 (CAMK2N2), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase IV (CAMK4), mRNA."
"Homo sapiens calcium/calmodulin-dependent protein kinase kinase 1, alpha (CAMKK1), transc
"Homo sapiens calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2), transcr
"Homo sapiens CaM kinase-like vesicle-associated (CAMKV), mRNA."
"Homo sapiens calcium modulating ligand (CAMLG), mRNA."
"Homo sapiens cathelicidin antimicrobial peptide (CAMP), mRNA."
"Homo sapiens calmodulin regulated spectrin-associated protein 1-like 1 (CAMSAP1L1), mRNA
"Homo sapiens calcium activated nucleotidase 1 (CANT1), mRNA."
"Homo sapiens calnexin (CANX), transcript variant 2, mRNA."
"Homo sapiens CAP, adenylate cyclase-associated protein 1 (yeast) (CAP1), mRNA."
"Homo sapiens capping protein (actin filament), gelsolin-like (CAPG), mRNA."
"Homo sapiens calpain 1, (mu/I) large subunit (CAPN1), mRNA."
"Homo sapiens calpain 10 (CAPN10), transcript variant 1, mRNA."
"Homo sapiens calpain 11 (CAPN11), mRNA."
"Homo sapiens calpain 12 (CAPN12), mRNA."
"PREDICTED: Homo sapiens misc_RNA (CAPN14), miscRNA."
"Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 3, mRNA."
"Homo sapiens calpain 5 (CAPN5), mRNA."
"Homo sapiens calpain 6 (CAPN6), mRNA."
"Homo sapiens calpain 7 (CAPN7), mRNA."
"Homo sapiens calpain, small subunit 1 (CAPNS1), transcript variant 2, mRNA."
"Homo sapiens cell cycle associated protein 1 (CAPRIN1), transcript variant 1, mRNA."
"Homo sapiens caprin family member 2 (CAPRIN2), transcript variant 2, mRNA."
"Homo sapiens calcyphosine (CAPS), transcript variant 2, mRNA."
"Homo sapiens calcyphosine-like (CAPSL), transcript variant 1, mRNA."
"Homo sapiens capping protein (actin filament) muscle Z-line, alpha 1 (CAPZA1), mRNA."
"Homo sapiens capping protein (actin filament) muscle Z-line, alpha 2 (CAPZA2), mRNA."
"Homo sapiens capping protein (actin filament) muscle Z-line, alpha 3 (CAPZA3), mRNA."

"Homo sapiens capping protein (actin filament) muscle Z-line, beta (CAPZB), mRNA."
"Homo sapiens caspase recruitment domain family, member 10 (CARD10), mRNA."
"Homo sapiens caspase recruitment domain family, member 11 (CARD11), mRNA."
"Homo sapiens caspase recruitment domain family, member 16 (CARD16), transcript variant 1,
"Homo sapiens caspase recruitment domain family, member 6 (CARD6), mRNA."
"Homo sapiens caspase recruitment domain family, member 8 (CARD8), mRNA."
"Homo sapiens caspase recruitment domain family, member 9 (CARD9), mRNA."
"Homo sapiens calcium regulated heat stable protein 1, 24kDa (CARHSP1), transcript variant 2,
"Homo sapiens carbohydrate kinase domain containing (CARKD), mRNA."
"Homo sapiens coactivator-associated arginine methyltransferase 1 (CARM1), mRNA."
"Homo sapiens cysteinyl-tRNA synthetase (CARS), transcript variant 4, mRNA."
"Homo sapiens cysteinyl-tRNA synthetase 2, mitochondrial (putative) (CARS2), nuclear gene er
"Homo sapiens cancer susceptibility candidate 1 (CASC1), transcript variant 3, mRNA."
"Homo sapiens cancer susceptibility candidate 4 (CASC4), transcript variant 2, mRNA."
"Homo sapiens cancer susceptibility candidate 5 (CASC5), transcript variant 2, mRNA."
"Homo sapiens CAS1 domain containing 1 (CASD1), mRNA."
"Homo sapiens calcium/calmodulin-dependent serine protein kinase (MAGUK family) (CASK), n
"Homo sapiens caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase
"Homo sapiens caspase 10, apoptosis-related cysteine peptidase (CASP10), transcript variant [
"Homo sapiens caspase 14, apoptosis-related cysteine peptidase (CASP14), mRNA."
"Homo sapiens caspase 2, apoptosis-related cysteine peptidase (CASP2), transcript variant 3, r
"Homo sapiens caspase 3, apoptosis-related cysteine peptidase (CASP3), transcript variant bet
"Homo sapiens caspase 4, apoptosis-related cysteine peptidase (CASP4), transcript variant del
"Homo sapiens caspase 6, apoptosis-related cysteine peptidase (CASP6), transcript variant alp
"Homo sapiens caspase 7, apoptosis-related cysteine peptidase (CASP7), transcript variant del
"Homo sapiens caspase 9, apoptosis-related cysteine peptidase (CASP9), transcript variant bet
"PREDICTED: Homo sapiens calcium-sensing receptor like 1 (CASRL1), mRNA."
"Homo sapiens calpastatin (CAST), transcript variant 4, mRNA."
"Homo sapiens castor zinc finger 1 (CASZ1), transcript variant 1, mRNA."
"Homo sapiens catalase (CAT), mRNA."
"Homo sapiens cation channel, sperm associated 2 (CATSPER2), transcript variant 4, mRNA."
"Homo sapiens cation channel, sperm associated 2 pseudogene 1 (CATSPER2P1), non-coding
"Homo sapiens caveolin 1, caveolae protein, 22kDa (CAV1), mRNA."
"Homo sapiens caveolin 2 (CAV2), transcript variant 1, mRNA."
"Homo sapiens calcium binding atopy-related autoantigen 1 (CBARA1), mRNA."
"Homo sapiens core-binding factor, runt domain, alpha subunit 2; translocated to, 2 (CBFA2T2),
"Homo sapiens core-binding factor, runt domain, alpha subunit 2; translocated to, 3 (CBFA2T3),
"Homo sapiens core-binding factor, beta subunit (CBFB), transcript variant 2, mRNA."
"Homo sapiens Cas-Br-M (murine) ecotropic retroviral transforming sequence (CBL), mRNA."
"Homo sapiens Cas-Br-M (murine) ecotropic retroviral transforming sequence b (CBLB), mRNA.
"Homo sapiens Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1 (CBLL1), m
"Homo sapiens cerebellin 1 precursor (CBLN1), mRNA."
"Homo sapiens cerebellin 3 precursor (CBLN3), mRNA."
"Homo sapiens carbonyl reductase 1 (CBR1), mRNA."

"Homo sapiens carbonyl reductase 3 (CBR3), mRNA."
"Homo sapiens carbonyl reductase 4 (CBR4), mRNA."
"Homo sapiens cystathionine-beta-synthase (CBS), mRNA."
"Homo sapiens COBW domain containing 3 (CBWD3), mRNA."
"Homo sapiens COBW domain containing 5 (CBWD5), mRNA."
"Homo sapiens COBW domain containing 6 (CBWD6), mRNA."
"Homo sapiens chromobox homolog 1 (HP1 beta homolog Drosophila) (CBX1), mRNA."
"Homo sapiens chromobox homolog 2 (Pc class homolog, Drosophila) (CBX2), transcript varian
"Homo sapiens chromobox homolog 3 (HP1 gamma homolog, Drosophila) (CBX3), transcript va
"Homo sapiens chromobox homolog 4 (Pc class homolog, Drosophila) (CBX4), mRNA."
"Homo sapiens chromobox homolog 5 (HP1 alpha homolog, Drosophila) (CBX5), mRNA."
"Homo sapiens chromobox homolog 6 (CBX6), mRNA."
"Homo sapiens chromobox homolog 7 (CBX7), mRNA."
"Homo sapiens chromobox homolog 8 (Pc class homolog, Drosophila) (CBX8), mRNA."
"Homo sapiens chibby homolog 1 (Drosophila) (CBY1), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens chibby homolog 3 (Drosophila) (CBY3), mRNA."
"Homo sapiens coiled-coil and C2 domain containing 1B (CC2D1B), mRNA."
"Homo sapiens cell division cycle and apoptosis regulator 1 (CCAR1), mRNA."
"Homo sapiens collagen and calcium binding EGF domains 1 (CCBE1), mRNA."
"Homo sapiens cysteine conjugate-beta lyase, cytoplasmic (CCBL1), transcript variant 1, mRNA
"Homo sapiens cysteine conjugate-beta lyase 2 (CCBL2), transcript variant 1, mRNA."
"Homo sapiens chemokine binding protein 2 (CCBP2), mRNA."
"Homo sapiens coiled-coil domain containing 101 (CCDC101), mRNA."
"Homo sapiens coiled-coil domain containing 102A (CCDC102A), mRNA."
"Homo sapiens coiled-coil domain containing 103 (CCDC103), mRNA."
"Homo sapiens coiled-coil domain containing 104 (CCDC104), mRNA."
"Homo sapiens coiled-coil domain containing 106 (CCDC106), mRNA."
"Homo sapiens coiled-coil domain containing 107 (CCDC107), mRNA."
"Homo sapiens coiled-coil domain containing 109A (CCDC109A), mRNA."
"Homo sapiens coiled-coil domain containing 109B (CCDC109B), mRNA."
"Homo sapiens coiled-coil domain containing 11 (CCDC11), mRNA."
"Homo sapiens coiled-coil domain containing 110 (CCDC110), mRNA."
"Homo sapiens coiled-coil domain containing 111 (CCDC111), mRNA."
"Homo sapiens coiled-coil domain containing 112 (CCDC112), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 113 (CCDC113), mRNA."
"Homo sapiens coiled-coil domain containing 115 (CCDC115), mRNA."
"Homo sapiens coiled-coil domain containing 117 (CCDC117), mRNA."
"Homo sapiens coiled-coil domain containing 12 (CCDC12), mRNA."
"Homo sapiens coiled-coil domain containing 120 (CCDC120), transcript variant 3, mRNA."
"Homo sapiens coiled-coil domain containing 121 (CCDC121), mRNA."
"Homo sapiens coiled-coil domain containing 123 (CCDC123), mRNA."
"Homo sapiens coiled-coil domain containing 124 (CCDC124), mRNA."
"Homo sapiens coiled-coil domain containing 125 (CCDC125), mRNA."
"Homo sapiens coiled-coil domain containing 126 (CCDC126), mRNA."

"Homo sapiens coiled-coil domain containing 127 (CCDC127), mRNA."
"Homo sapiens coiled-coil domain containing 128 (CCDC128), mRNA."
"Homo sapiens coiled-coil domain containing 130 (CCDC130), mRNA."
"Homo sapiens coiled-coil domain containing 132 (CCDC132), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 136 (CCDC136), mRNA."
"Homo sapiens coiled-coil domain containing 137 (CCDC137), mRNA."
"Homo sapiens coiled-coil domain containing 138 (CCDC138), mRNA."
"Homo sapiens coiled-coil domain containing 14 (CCDC14), mRNA."
"Homo sapiens coiled-coil domain containing 140 (CCDC140), mRNA."
"Homo sapiens coiled-coil domain containing 142 (CCDC142), mRNA."
"Homo sapiens coiled-coil domain containing 146 (CCDC146), mRNA."
"Homo sapiens coiled-coil domain containing 147 (CCDC147), mRNA."
"Homo sapiens coiled-coil domain containing 148 (CCDC148), mRNA."
"Homo sapiens coiled-coil domain containing 15 (CCDC15), mRNA."
"Homo sapiens coiled-coil domain containing 150 (CCDC150), mRNA."
"Homo sapiens coiled-coil domain containing 151 (CCDC151), mRNA."
"Homo sapiens coiled-coil domain containing 152 (CCDC152), mRNA."
"Homo sapiens coiled-coil domain containing 155 (CCDC155), mRNA."
"Homo sapiens coiled-coil domain containing 16 (CCDC16), mRNA."
"Homo sapiens coiled-coil domain containing 18 (CCDC18), mRNA."
"Homo sapiens coiled-coil domain containing 19 (CCDC19), mRNA."
"Homo sapiens coiled-coil domain containing 22 (CCDC22), mRNA."
"Homo sapiens coiled-coil domain containing 23 (CCDC23), mRNA."
"Homo sapiens coiled-coil domain containing 24 (CCDC24), mRNA."
"Homo sapiens coiled-coil domain containing 25 (CCDC25), mRNA."
"Homo sapiens coiled-coil domain containing 27 (CCDC27), mRNA."
"Homo sapiens coiled-coil domain containing 28A (CCDC28A), mRNA."
"Homo sapiens coiled-coil domain containing 28B (CCDC28B), mRNA."
"Homo sapiens coiled-coil domain containing 3 (CCDC3), mRNA."
"Homo sapiens coiled-coil domain containing 34 (CCDC34), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 36 (CCDC36), mRNA."
"Homo sapiens coiled-coil domain containing 39 (CCDC39), mRNA."
"PREDICTED: Homo sapiens coiled-coil domain containing 4 (CCDC4), mRNA."
"Homo sapiens coiled-coil domain containing 41 (CCDC41), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 43 (CCDC43), transcript variant 2, mRNA."
"Homo sapiens coiled-coil domain containing 45 (CCDC45), mRNA."
"Homo sapiens coiled-coil domain containing 46 (CCDC46), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 47 (CCDC47), mRNA."
"Homo sapiens coiled-coil domain containing 48 (CCDC48), mRNA."
"Homo sapiens coiled-coil domain containing 49 (CCDC49), mRNA."
"Homo sapiens coiled-coil domain containing 5 (spindle associated) (CCDC5), mRNA."
"Homo sapiens coiled-coil domain containing 50 (CCDC50), transcript variant 1, mRNA."
"Homo sapiens coiled-coil domain containing 51 (CCDC51), mRNA."
"Homo sapiens coiled-coil domain containing 52 (CCDC52), mRNA."

"Homo sapiens coiled-coil domain containing 53 (CCDC53), mRNA."
"Homo sapiens coiled-coil domain containing 54 (CCDC54), mRNA."
"Homo sapiens coiled-coil domain containing 55 (CCDC55), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens coiled-coil domain containing 56 (CCDC56), misc RNA."
"Homo sapiens coiled-coil domain containing 57 (CCDC57), mRNA."
"Homo sapiens coiled-coil domain containing 58 (CCDC58), mRNA."
"Homo sapiens coiled-coil domain containing 59 (CCDC59), mRNA."
"Homo sapiens coiled-coil domain containing 6 (CCDC6), mRNA."
"Homo sapiens coiled-coil domain containing 64 (CCDC64), mRNA."
"Homo sapiens coiled-coil domain containing 65 (CCDC65), mRNA."
"Homo sapiens coiled-coil domain containing 66 (CCDC66), mRNA."
"Homo sapiens coiled-coil domain containing 68 (CCDC68), mRNA."
"Homo sapiens coiled-coil domain containing 69 (CCDC69), mRNA."
"Homo sapiens coiled-coil domain containing 71 (CCDC71), mRNA."
"Homo sapiens coiled-coil domain containing 72 (CCDC72), mRNA."
"Homo sapiens coiled-coil domain containing 74A (CCDC74A), mRNA."
"Homo sapiens coiled-coil domain containing 74B (CCDC74B), mRNA."
"Homo sapiens coiled-coil domain containing 76 (CCDC76), mRNA."
"Homo sapiens coiled-coil domain containing 77 (CCDC77), mRNA."
"Homo sapiens coiled-coil domain containing 8 (CCDC8), mRNA."
"Homo sapiens coiled-coil domain containing 84 (CCDC84), mRNA."
"Homo sapiens coiled-coil domain containing 85A (CCDC85A), mRNA."
"Homo sapiens coiled-coil domain containing 85B (CCDC85B), mRNA."
"Homo sapiens coiled-coil domain containing 86 (CCDC86), mRNA."
"Homo sapiens coiled-coil domain containing 88B (CCDC88B), mRNA."
"Homo sapiens coiled-coil domain containing 88C (CCDC88C), mRNA."
"Homo sapiens coiled-coil domain containing 89 (CCDC89), mRNA."
"Homo sapiens coiled-coil domain containing 90A (CCDC90A), mRNA."
"Homo sapiens coiled-coil domain containing 90B (CCDC90B), mRNA."
"Homo sapiens coiled-coil domain containing 91 (CCDC91), mRNA."
"Homo sapiens coiled-coil domain containing 92 (CCDC92), mRNA."
"Homo sapiens coiled-coil domain containing 94 (CCDC94), mRNA."
"Homo sapiens coiled-coil domain containing 97 (CCDC97), mRNA."
"Homo sapiens coiled-coil domain containing 99 (CCDC99), mRNA."
"Homo sapiens coiled-coil alpha-helical rod protein 1 (CCHCR1), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 1 (CCL1), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 17 (CCL17), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 20 (CCL20), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 22 (CCL22), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 26 (CCL26), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 3 (CCL3), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 3-like 1 (CCL3L1), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 3-like 3 (CCL3L3), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 4-like 1 (CCL4L1), mRNA."

"Homo sapiens chemokine (C-C motif) ligand 4-like 2 (CCL4L2), mRNA."
"Homo sapiens chemokine (C-C motif) ligand 5 (CCL5), mRNA."
"Homo sapiens cerebral cavernous malformation 2 (CCM2), transcript variant 2, mRNA."
"Homo sapiens cyclin A1 (CCNA1), mRNA."
"Homo sapiens cyclin A2 (CCNA2), mRNA."
"Homo sapiens cyclin B1 (CCNB1), mRNA."
"Homo sapiens cyclin B1 interacting protein 1 (CCNB1IP1), transcript variant 3, mRNA."
"Homo sapiens cyclin B2 (CCNB2), mRNA."
"Homo sapiens cyclin B3 (CCNB3), transcript variant 3, mRNA."
"Homo sapiens cyclin C (CCNC), transcript variant 2, mRNA."
"Homo sapiens cyclin D1 (CCND1), mRNA."
"Homo sapiens cyclin D2 (CCND2), mRNA."
"Homo sapiens cyclin D3 (CCND3), mRNA."
"Homo sapiens cyclin D-type binding-protein 1 (CCNDBP1), transcript variant 1, mRNA."
"Homo sapiens cyclin E1 (CCNE1), transcript variant 2, mRNA."
"Homo sapiens cyclin E2 (CCNE2), transcript variant 2, mRNA."
"Homo sapiens cyclin F (CCNF), mRNA."
"Homo sapiens cyclin G1 (CCNG1), transcript variant 2, mRNA."
"Homo sapiens cyclin G2 (CCNG2), mRNA."
"Homo sapiens cyclin I (CCNI), mRNA."
"Homo sapiens cyclin J (CCNJ), mRNA."
"Homo sapiens cyclin K (CCNK), transcript variant 2, mRNA."
"Homo sapiens cyclin L1 (CCNL1), mRNA."
"Homo sapiens cyclin L2 (CCNL2), mRNA."
"Homo sapiens cyclin O (CCNO), mRNA."
"Homo sapiens cyclin T2 (CCNT2), transcript variant a, mRNA."
"Homo sapiens cyclin Y-like 1 (CCNYL1), mRNA."
"Homo sapiens cell cycle progression 1 (CCPG1), transcript variant 2, mRNA."
"Homo sapiens chemokine (C-C motif) receptor 10 (CCR10), mRNA."
"Homo sapiens chemokine (C-C motif) receptor 2 (CCR2), transcript variant A, mRNA."
"Homo sapiens chemokine (C-C motif) receptor 6 (CCR6), transcript variant 2, mRNA."
"Homo sapiens chemokine (C-C motif) receptor 7 (CCR7), mRNA."
"Homo sapiens chemokine (C-C motif) receptor 8 (CCR8), mRNA."
"Homo sapiens chemokine (C-C motif) receptor-like 1 (CCRL1), transcript variant 1, mRNA."
"Homo sapiens chemokine (C-C motif) receptor-like 2 (CCRL2), transcript variant 2, mRNA."
"Homo sapiens CCR4 carbon catabolite repression 4-like (S. cerevisiae) (CCRN4L), mRNA."
"PREDICTED: Homo sapiens copper chaperone for superoxide dismutase (CCS), mRNA."
"Homo sapiens chaperonin containing TCP1, subunit 2 (beta) (CCT2), mRNA."
"Homo sapiens chaperonin containing TCP1, subunit 3 (gamma) (CCT3), transcript variant 1, m
"Homo sapiens chaperonin containing TCP1, subunit 4 (delta) (CCT4), mRNA."
"Homo sapiens chaperonin containing TCP1, subunit 5 (epsilon) (CCT5), mRNA."
"Homo sapiens chaperonin containing TCP1, subunit 6A (zeta 1) (CCT6A), transcript variant 1,
"Homo sapiens chaperonin containing TCP1, subunit 6B (zeta 2) (CCT6B), mRNA."
"Homo sapiens chaperonin containing TCP1, subunit 6 (zeta) pseudogene 1 (CCT6P1), non-co

"Homo sapiens chaperonin containing TCP1, subunit 7 (eta) (CCT7), transcript variant 2, mRNA
"Homo sapiens chaperonin containing TCP1, subunit 8 (theta) (CCT8), mRNA."
"Homo sapiens CD14 molecule (CD14), transcript variant 1, mRNA."
"Homo sapiens CD151 molecule (Raph blood group) (CD151), transcript variant 4, mRNA."
"Homo sapiens CD163 molecule-like 1 (CD163L1), mRNA."
"Homo sapiens CD180 molecule (CD180), mRNA."
"Homo sapiens CD19 molecule (CD19), mRNA."
"Homo sapiens CD1a molecule (CD1A), mRNA."
"Homo sapiens CD1b molecule (CD1B), mRNA."
"Homo sapiens CD1c molecule (CD1C), mRNA."
"Homo sapiens CD1d molecule (CD1D), mRNA."
"Homo sapiens CD1e molecule (CD1E), transcript variant 3, mRNA."
"Homo sapiens CD2 molecule (CD2), mRNA."
"Homo sapiens CD200 receptor 1 (CD200R1), transcript variant 3, mRNA."
"Homo sapiens CD22 molecule (CD22), mRNA."
"Homo sapiens CD24 molecule (CD24), mRNA."
"Homo sapiens CD244 molecule, natural killer cell receptor 2B4 (CD244), mRNA."
"Homo sapiens CD247 molecule (CD247), transcript variant 2, mRNA."
"Homo sapiens CD248 molecule, endosialin (CD248), mRNA."
"Homo sapiens CD27 molecule (CD27), mRNA."
"Homo sapiens CD274 molecule (CD274), mRNA."
"Homo sapiens CD276 molecule (CD276), transcript variant 1, mRNA. XM_945872 XM_945874
"Homo sapiens CD28 molecule (CD28), mRNA."
"Homo sapiens CD2-associated protein (CD2AP), mRNA."
"Homo sapiens CD2 (cytoplasmic tail) binding protein 2 (CD2BP2), mRNA."
"Homo sapiens CD300c molecule (CD300C), mRNA."
"Homo sapiens CD302 molecule (CD302), mRNA."
"Homo sapiens CD320 molecule (CD320), mRNA."
"Homo sapiens CD33 molecule (CD33), transcript variant 1, mRNA."
"Homo sapiens CD36 molecule (thrombospondin receptor) (CD36), transcript variant 1, mRNA."
"Homo sapiens CD37 antigen (CD37), mRNA."
"Homo sapiens CD38 molecule (CD38), mRNA."
"Homo sapiens CD3D antigen, delta polypeptide (TiT3 complex) (CD3D), mRNA."
"Homo sapiens CD3e molecule, epsilon associated protein (CD3EAP), mRNA."
"Homo sapiens CD3g molecule, gamma (CD3-TCR complex) (CD3G), mRNA."
"Homo sapiens CD40 molecule, TNF receptor superfamily member 5 (CD40), transcript variant
"Homo sapiens CD44 molecule (Indian blood group) (CD44), transcript variant 4, mRNA."
"Homo sapiens CD46 molecule, complement regulatory protein (CD46), transcript variant m, mR
"Homo sapiens CD47 molecule (CD47), transcript variant 2, mRNA."
"Homo sapiens CD48 molecule (CD48), mRNA."
"Homo sapiens CD52 molecule (CD52), mRNA."
"Homo sapiens CD53 molecule (CD53), transcript variant 2, mRNA."
"Homo sapiens CD55 molecule, decay accelerating factor for complement (Cromer blood group
"Homo sapiens CD58 molecule (CD58), mRNA."

"Homo sapiens CD59 molecule, complement regulatory protein (CD59), transcript variant 2, mR
"Homo sapiens CD63 molecule (CD63), transcript variant 2, mRNA."
"Homo sapiens CD68 molecule (CD68), transcript variant 1, mRNA."
"Homo sapiens CD69 molecule (CD69), mRNA."
"Homo sapiens CD7 molecule (CD7), mRNA."
"Homo sapiens CD70 molecule (CD70), mRNA."
"Homo sapiens CD72 molecule (CD72), mRNA."
"Homo sapiens CD74 molecule, major histocompatibility complex, class II invariant chain (CD74
"Homo sapiens CD79a molecule, immunoglobulin-associated alpha (CD79A), transcript variant
"Homo sapiens CD79b molecule, immunoglobulin-associated beta (CD79B), transcript variant 3
"Homo sapiens CD80 molecule (CD80), mRNA."
"Homo sapiens CD81 molecule (CD81), mRNA."
"Homo sapiens CD82 molecule (CD82), transcript variant 1, mRNA."
"Homo sapiens CD83 molecule (CD83), transcript variant 1, mRNA."
"Homo sapiens CD84 molecule (CD84), mRNA."
"Homo sapiens CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) (CD86), transcript variant 1
"Homo sapiens CD8a molecule (CD8A), transcript variant 2, mRNA."
"Homo sapiens CD9 molecule (CD9), mRNA."
"Homo sapiens CD96 molecule (CD96), transcript variant 1, mRNA."
"Homo sapiens CD97 molecule (CD97), transcript variant 1, mRNA."
"Homo sapiens CD99 molecule (CD99), transcript variant 1, mRNA."
"Homo sapiens CD99 molecule-like 2 (CD99L2), transcript variant 3, mRNA."
"Homo sapiens cytidine deaminase (CDA), mRNA."
"PREDICTED: Homo sapiens congenital dyserythropoietic anemia, type I (CDAN1), mRNA."
"Homo sapiens cell division cycle 123 homolog (S. cerevisiae) (CDC123), mRNA."
"Homo sapiens CDC14 cell division cycle 14 homolog B (S. cerevisiae) (CDC14B), transcript va
"Homo sapiens cell division cycle 16 homolog (S. cerevisiae) (CDC16), transcript variant 2, mRN
"Homo sapiens cell division cycle 2, G1 to S and G2 to M (CDC2), transcript variant 1, mRNA."
"Homo sapiens cell division cycle 20 homolog (S. cerevisiae) (CDC20), mRNA."
"Homo sapiens cell division cycle 23 homolog (S. cerevisiae) (CDC23), mRNA."
"Homo sapiens cell division cycle 25 homolog A (S. pombe) (CDC25A), transcript variant 1, mRI
"Homo sapiens cell division cycle 25B (CDC25B), transcript variant 4, mRNA."
"Homo sapiens cell division cycle 25 homolog C (S. pombe) (CDC25C), transcript variant 1, mR
"Homo sapiens cell division cycle 26 homolog (S. cerevisiae) (CDC26), mRNA."
"Homo sapiens cell division cycle 2-like 1 (PITSLRE proteins) (CDC2L1), transcript variant 3, mI
"Homo sapiens cell division cycle 2-like 5 (cholinesterase-related cell division controller) (CDC2L
"Homo sapiens cell division cycle 2-like 6 (CDK8-like) (CDC2L6), mRNA."
"Homo sapiens cell division cycle 34 homolog (S. cerevisiae) (CDC34), mRNA."
"Homo sapiens cell division cycle 37 homolog (S. cerevisiae) (CDC37), mRNA."
"Homo sapiens cell division cycle 37 homolog (S. cerevisiae)-like 1 (CDC37L1), mRNA."
"Homo sapiens cell division cycle 40 homolog (S. cerevisiae) (CDC40), mRNA."
"Homo sapiens cell division cycle 42 (GTP binding protein, 25kDa) (CDC42), transcript variant 3
"Homo sapiens CDC42 binding protein kinase alpha (DMPK-like) (CDC42BPA), transcript variar
"Homo sapiens CDC42 binding protein kinase beta (DMPK-like) (CDC42BPB), mRNA."

"Homo sapiens CDC42 binding protein kinase gamma (DMPK-like) (CDC42BPG), mRNA."
"Homo sapiens CDC42 effector protein (Rho GTPase binding) 2 (CDC42EP2), mRNA."
"Homo sapiens CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3), mRNA."
"Homo sapiens CDC42 effector protein (Rho GTPase binding) 4 (CDC42EP4), mRNA."
"Homo sapiens CDC42 effector protein (Rho GTPase binding) 5 (CDC42EP5), mRNA."
"Homo sapiens CDC42 small effector 1 (CDC42SE1), transcript variant 1, mRNA."
"Homo sapiens CDC42 small effector 2 (CDC42SE2), transcript variant 2, mRNA."
"Homo sapiens CDC45 cell division cycle 45-like (S. cerevisiae) (CDC45L), mRNA."
"Homo sapiens CDC5 cell division cycle 5-like (S. pombe) (CDC5L), mRNA."
"Homo sapiens cell division cycle 6 homolog (S. cerevisiae) (CDC6), mRNA."
"Homo sapiens cell division cycle 7 homolog (S. cerevisiae) (CDC7), mRNA."
"Homo sapiens cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S
"Homo sapiens cell division cycle associated 1 (CDCA1), transcript variant 1, mRNA."
"Homo sapiens cell division cycle associated 2 (CDCA2), mRNA."
"Homo sapiens cell division cycle associated 3 (CDCA3), mRNA."
"Homo sapiens cell division cycle associated 4 (CDCA4), transcript variant 13, mRNA."
"Homo sapiens cell division cycle associated 5 (CDCA5), mRNA."
"Homo sapiens cell division cycle associated 7 (CDCA7), transcript variant 1, mRNA."
"Homo sapiens cell division cycle associated 7-like (CDCA7L), mRNA."
"Homo sapiens cell division cycle associated 8 (CDCA8), mRNA."
"Homo sapiens CUB domain containing protein 1 (CDCP1), transcript variant 1, mRNA."
"Homo sapiens cadherin 12, type 2 (N-cadherin 2) (CDH12), mRNA."
"Homo sapiens cadherin 15, type 1, M-cadherin (myotubule) (CDH15), mRNA."
"Homo sapiens cadherin 17, LI cadherin (liver-intestine) (CDH17), mRNA."
"Homo sapiens cadherin 18, type 2 (CDH18), mRNA."
"Homo sapiens cadherin 2, type 1, N-cadherin (neuronal) (CDH2), mRNA."
"Homo sapiens cadherin-like 24 (CDH24), transcript variant 1, mRNA."
"Homo sapiens cadherin 8, type 2 (CDH8), mRNA."
"Homo sapiens cadherin 9, type 2 (T1-cadherin) (CDH9), mRNA."
"Homo sapiens CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synt
"Homo sapiens cyclin-dependent kinase 10 (CDK10), transcript variant c, mRNA."
"Homo sapiens cyclin-dependent kinase 2 (CDK2), transcript variant 1, mRNA."
"Homo sapiens cyclin-dependent kinase 2 associated protein 1 (CDK2AP1), mRNA."
"Homo sapiens cyclin-dependent kinase 2 associated protein 2 (CDK2AP2), mRNA."
"Homo sapiens cyclin-dependent kinase 3 (CDK3), mRNA."
"Homo sapiens cyclin-dependent kinase 4 (CDK4), mRNA."
"Homo sapiens cyclin-dependent kinase 5 (CDK5), mRNA."
"Homo sapiens cyclin-dependent kinase 5, regulatory subunit 1 (p35) (CDK5R1), mRNA."
"Homo sapiens cyclin-dependent kinase 5, regulatory subunit 2 (p39) (CDK5R2), mRNA."
"Homo sapiens CDK5 regulatory subunit associated protein 1 (CDK5RAP1), transcript variant 1,
"Homo sapiens CDK5 regulatory subunit associated protein 2 (CDK5RAP2), transcript variant 1,
"Homo sapiens CDK5 regulatory subunit associated protein 3 (CDK5RAP3), mRNA."
"Homo sapiens cyclin-dependent kinase 6 (CDK6), mRNA."
"Homo sapiens cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinas

"Homo sapiens cyclin-dependent kinase 8 (CDK8), mRNA."
"Homo sapiens cyclin-dependent kinase 9 (CDC2-related kinase) (CDK9), mRNA."
"Homo sapiens CDK5 regulatory subunit associated protein 1-like 1 (CDKAL1), mRNA."
"Homo sapiens cyclin-dependent kinase-like 1 (CDC2-related kinase) (CDKL1), mRNA."
"Homo sapiens cyclin-dependent kinase-like 2 (CDC2-related kinase) (CDKL2), mRNA."
"Homo sapiens cyclin-dependent kinase-like 3 (CDKL3), mRNA."
"Homo sapiens cyclin-dependent kinase inhibitor 1A (p21, Cip1) (CDKN1A), transcript variant 2,
"Homo sapiens cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B), mRNA."
"Homo sapiens cyclin-dependent kinase inhibitor 1C (p57, Kip2) (CDKN1C), mRNA."
"Homo sapiens cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) (CDKN2A)
"Homo sapiens CDKN2A interacting protein (CDKN2AIP), mRNA."
"Homo sapiens CDKN2A interacting protein N-terminal like (CDKN2AIPNL), mRNA."
"Homo sapiens cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4) (CDKN2B), transcript
"Homo sapiens cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) (CDKN2C), transcript
"Homo sapiens cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) (CDKN2D), transcript
"Homo sapiens cyclin-dependent kinase inhibitor 3 (CDK2-associated dual specificity phosphata
"Homo sapiens cerebral dopamine neurotrophic factor (CDNF), mRNA."
"Homo sapiens cysteine dioxygenase, type I (CDO1), mRNA."
"Homo sapiens cerebellar degeneration-related protein 2, 62kDa (CDR2), mRNA."
"Homo sapiens cerebellar degeneration-related protein 2-like (CDR2L), mRNA."
"PREDICTED: Homo sapiens CMT1A duplicated region transcript 1 (CDRT1), mRNA."
"Homo sapiens CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 2 (CDS2), mR
"Homo sapiens chromatin licensing and DNA replication factor 1 (CDT1), mRNA."
"PREDICTED: Homo sapiens CDV3 homolog (mouse), transcript variant 3 (CDV3), mRNA."
"Homo sapiens chromodomain protein, Y-linked, 1 (CDY1), transcript variant 2, mRNA."
"Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
"Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 21 (CEACAM21), trans
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), alpha (CEBPA), mRNA."
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), beta (CEBPB), mRNA."
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), delta (CEBPD), mRNA."
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), epsilon (CEBPE), mRNA."
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), gamma (CEBPG), mRNA."
"Homo sapiens CCAAT/enhancer binding protein (C/EBP), zeta (CEBPZ), mRNA."
"Homo sapiens cat eye syndrome chromosome region, candidate 1 (CECR1), transcript variant
"Homo sapiens cat eye syndrome chromosome region, candidate 5 (CECR5), transcript variant
"Homo sapiens cat eye syndrome chromosome region, candidate 6 (CECR6), mRNA."
"PREDICTED: Homo sapiens cat eye syndrome chromosome region, candidate 7 (CECR7), mR
"Homo sapiens carboxyl ester lipase (bile salt-stimulated lipase) (CEL), mRNA."
"Homo sapiens carboxyl ester lipase pseudogene (CELP), non-coding RNA."
"Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophi
"Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosophi
"Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophi
"Homo sapiens cementum protein 1 (CEMP1), mRNA."
"Homo sapiens cell cycle exit and neuronal differentiation 1 (CEND1), mRNA."

"Homo sapiens centromere protein A (CENPA), transcript variant 2, mRNA."
"Homo sapiens centromere protein B, 80kDa (CENPB), mRNA."
"Homo sapiens CENPB DNA-binding domains containing 1 (CENPBD1), mRNA."
"Homo sapiens centromere protein C 1 (CENPC1), mRNA."
"Homo sapiens centromere protein E, 312kDa (CENPE), mRNA."
"Homo sapiens centromere protein F, 350/400ka (mitosin) (CENPF), mRNA."
"Homo sapiens centromere protein H (CENPH), mRNA."
"Homo sapiens centromere protein I (CENPI), mRNA."
"Homo sapiens centromere protein J (CENPJ), mRNA."
"Homo sapiens centromere protein K (CENPK), mRNA."
"Homo sapiens centromere protein L (CENPL), mRNA."
"Homo sapiens centromere protein M (CENPM), transcript variant 1, mRNA."
"Homo sapiens centromere protein N (CENPN), mRNA."
"Homo sapiens centromere protein O (CENPO), mRNA."
"Homo sapiens centromere protein P (CENPP), mRNA."
"Homo sapiens centromere protein Q (CENPQ), mRNA."
"Homo sapiens centromere protein T (CENPT), mRNA."
"Homo sapiens centromere protein V (CENPV), mRNA."
"Homo sapiens centaurin, alpha 1 (CENTA1), mRNA."
"Homo sapiens centaurin, beta 2 (CENTB2), mRNA."
"Homo sapiens centaurin, gamma 3 (CENTG3), mRNA."
"Homo sapiens centrosomal protein 110kDa (CEP110), mRNA."
"Homo sapiens centrosomal protein 135kDa (CEP135), mRNA."
"Homo sapiens centrosomal protein 152kDa (CEP152), mRNA."
"Homo sapiens centrosomal protein 164kDa (CEP164), mRNA."
"Homo sapiens centrosomal protein 192kDa (CEP192), mRNA."
"Homo sapiens centrosomal protein 250kDa (CEP250), mRNA."
"Homo sapiens centrosomal protein 290kDa (CEP290), mRNA."
"Homo sapiens centrosomal protein 350kDa (CEP350), mRNA."
"Homo sapiens centrosomal protein 55kDa (CEP55), mRNA."
"Homo sapiens centrosomal protein 57kDa (CEP57), mRNA."
"Homo sapiens centrosomal protein 68kDa (CEP68), mRNA."
"Homo sapiens centrosomal protein 70kDa (CEP70), mRNA."
"Homo sapiens centrosomal protein 72kDa (CEP72), mRNA."
"Homo sapiens centrosomal protein 76kDa (CEP76), mRNA."
"Homo sapiens centrosomal protein 78kDa (CEP78), transcript variant 1, mRNA."
"Homo sapiens centrosomal protein 97kDa (CEP97), mRNA."
"Homo sapiens choline/ethanolamine phosphotransferase 1 (CEPT1), transcript variant 1, mRN
"Homo sapiens cerebral endothelial cell adhesion molecule (CERCAM), mRNA."
"Homo sapiens ceramide kinase (CERK), transcript variant 2, mRNA."
"Homo sapiens ceramide kinase-like (CERKL), transcript variant 1, mRNA."
"Homo sapiens carboxylesterase 2 (intestine, liver) (CES2), transcript variant 1, mRNA."
"Homo sapiens carboxylesterase 3 (brain) (CES3), mRNA."
"Homo sapiens carboxylesterase 8 (putative) (CES8), mRNA."

"Homo sapiens centrin, EF-hand protein, 2 (CETN2), mRNA."
"Homo sapiens centrin, EF-hand protein, 3 (CDC31 homolog, yeast) (CETN3), mRNA."
"Homo sapiens cholesteryl ester transfer protein, plasma (CETP), mRNA."
"Homo sapiens complement factor B (CFB), mRNA."
"Homo sapiens cripto, FRL-1, cryptic family 1 (CFC1), mRNA."
"Homo sapiens complement factor D (adipsin) (CFD), mRNA."
"Homo sapiens craniofacial development protein 1 (CFDP1), mRNA."
"Homo sapiens complement factor H (CFH), transcript variant 1, mRNA."
"Homo sapiens cofilin 1 (non-muscle) (CFL1), mRNA."
"Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 1, mRNA."
"Homo sapiens CASP8 and FADD-like apoptosis regulator (CFLAR), mRNA."
"Homo sapiens chorionic gonadotropin, beta polypeptide (CGB), mRNA."
"Homo sapiens chorionic gonadotropin, beta polypeptide 1 (CGB1), mRNA."
"Homo sapiens chorionic gonadotropin, beta polypeptide 2 (CGB2), mRNA."
"Homo sapiens chorionic gonadotropin, beta polypeptide 5 (CGB5), mRNA."
"Homo sapiens CGG triplet repeat binding protein 1 (CGGBP1), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens CGI-96 protein (CGI-96), mRNA."
"Homo sapiens cingulin (CGN), mRNA."
"Homo sapiens cingulin-like 1 (CGNL1), mRNA."
"Homo sapiens cell growth regulator with ring finger domain 1 (CGRRF1), mRNA."
"Homo sapiens cholesterol 25-hydroxylase (CH25H), mRNA."
"Homo sapiens ChaC, cation transport regulator homolog 1 (E. coli) (CHAC1), mRNA."
"Homo sapiens ChaC, cation transport regulator homolog 2 (E. coli) (CHAC2), mRNA."
"Homo sapiens chromatin assembly factor 1, subunit A (p150) (CHAF1A), mRNA."
"Homo sapiens chromatin assembly factor 1, subunit B (p60) (CHAF1B), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 1 (CHCHD1), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 10 (CHCHD10), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 2 (CHCHD2), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 3 (CHCHD3), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 4 (CHCHD4), nuclear gene e
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 5 (CHCHD5), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 6 (CHCHD6), mRNA."
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 7 (CHCHD7), transcript varia
"Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 8 (CHCHD8), mRNA."
"PREDICTED: Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 9 (CHCHD9), r
"Homo sapiens chromodomain helicase DNA binding protein 1 (CHD1), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 1-like (CHD1L), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 2 (CHD2), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 3 (CHD3), transcript variant 3, mR
"Homo sapiens chromodomain helicase DNA binding protein 4 (CHD4), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 6 (CHD6), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 7 (CHD7), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 8 (CHD8), mRNA."
"Homo sapiens chromodomain helicase DNA binding protein 9 (CHD9), mRNA."

"Homo sapiens choline dehydrogenase (CHDH), mRNA."
"Homo sapiens CHK1 checkpoint homolog (S. pombe) (CHEK1), mRNA."
"Homo sapiens CHK2 checkpoint homolog (S. pombe) (CHEK2), transcript variant 1, mRNA."
"Homo sapiens calcium homeostasis endoplasmic reticulum protein (CHERP), mRNA."
"Homo sapiens checkpoint suppressor 1 (CHES1), mRNA."
"Homo sapiens chromogranin A (parathyroid secretory protein 1) (CHGA), mRNA."
"Homo sapiens chromogranin B (secretogranin 1) (CHGB), mRNA."
"Homo sapiens chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1), mRNA."
"Homo sapiens chitinase 3-like 2 (CHI3L2), transcript variant 1, mRNA."
"Homo sapiens cysteine-rich hydrophobic domain 2 (CHIC2), mRNA."
"PREDICTED: Homo sapiens choline kinase alpha, transcript variant 4 (CHKA), mRNA."
"Homo sapiens choline kinase beta (CHKB), transcript variant 2, mRNA."
"Homo sapiens choroideremia (Rab escort protein 1) (CHM), transcript variant 1, mRNA."
"Homo sapiens choroideremia-like (Rab escort protein 2) (CHML), mRNA."
"Homo sapiens chromatin modifying protein 1A (CHMP1A), transcript variant 2, mRNA."
"Homo sapiens chromatin modifying protein 1B (CHMP1B), mRNA."
"Homo sapiens chromatin modifying protein 2A (CHMP2A), transcript variant 2, mRNA."
"Homo sapiens chromatin modifying protein 2B (CHMP2B), mRNA."
"Homo sapiens chromatin modifying protein 4A (CHMP4A), mRNA."
"Homo sapiens chromatin modifying protein 4B (CHMP4B), mRNA."
"Homo sapiens chromatin modifying protein 4C (CHMP4C), mRNA."
"Homo sapiens chromatin modifying protein 5 (CHMP5), mRNA."
"PREDICTED: Homo sapiens chromatin modifying protein 6 (CHMP6), mRNA."
"Homo sapiens CHMP family, member 7 (CHMP7), mRNA."
"Homo sapiens chimerin (chimaerin) 2 (CHN2), transcript variant 2, mRNA."
"Homo sapiens chondrolectin (CHODL), mRNA."
"Homo sapiens cysteine and histidine-rich domain (CHORD)-containing 1 (CHORDC1), mRNA."
"Homo sapiens calcium binding protein P22 (CHP), mRNA."
"Homo sapiens chondroitin polymerizing factor (CHPF), mRNA."
"Homo sapiens chondroitin polymerizing factor 2 (CHPF2), mRNA."
"Homo sapiens choline phosphotransferase 1 (CHPT1), mRNA."
"Homo sapiens chromatin accessibility complex 1 (CHRAC1), mRNA."
"Homo sapiens chordin (CHRD), mRNA."
"Homo sapiens cholinergic receptor, nicotinic, alpha 1 (muscle) (CHRNA1), transcript variant 2,
"Homo sapiens cholinergic receptor, nicotinic, alpha 10 (CHRNA10), mRNA."
"Homo sapiens cholinergic receptor, nicotinic, alpha 3 (CHRNA3), mRNA."
"Homo sapiens cholinergic receptor, nicotinic, alpha 5 (CHRNA5), mRNA."
"Homo sapiens cholinergic receptor, nicotinic, alpha 6 (CHRNA6), mRNA."
"PREDICTED: Homo sapiens cholinergic receptor, nicotinic, alpha 7 (CHRNA7), mRNA."
"Homo sapiens cholinergic receptor, nicotinic, beta 1 (muscle) (CHRNB1), mRNA."
"Homo sapiens carbohydrate (keratan sulfate Gal-6) sulfotransferase 1 (CHST1), mRNA."
"Homo sapiens carbohydrate sulfotransferase 10 (CHST10), mRNA."
"Homo sapiens carbohydrate (chondroitin 4) sulfotransferase 12 (CHST12), mRNA."
"Homo sapiens carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 14 (CHST14), mRNA

"Homo sapiens carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15 (CHST1
"Homo sapiens carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2 (CHST2), mRNA."
"Homo sapiens carbohydrate (chondroitin 6) sulfotransferase 3 (CHST3), mRNA."
"Homo sapiens carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7 (CHST7), mRNA."
"Homo sapiens carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 9 (CHST9), mRNA."
"Homo sapiens chondroitin sulfate synthase 1 (CHSY1), mRNA."
"Homo sapiens CTF18, chromosome transmission fidelity factor 18 homolog (S. cerevisiae) (CH
"Homo sapiens CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae) (CHTF
"Homo sapiens conserved helix-loop-helix ubiquitous kinase (CHUK), mRNA."
"Homo sapiens churchill domain containing 1 (CHURC1), mRNA."
"Homo sapiens cytosolic iron-sulfur protein assembly 1 homolog (S. cerevisiae) (CIAO1), mRNA
"Homo sapiens cytokine induced apoptosis inhibitor 1 (CIAPIN1), mRNA."
"Homo sapiens calcium and integrin binding 1 (calmyrin) (CIB1), mRNA."
"Homo sapiens calcium and integrin binding family member 2 (CIB2), mRNA."
"Homo sapiens capicua homolog (Drosophila) (CIC), mRNA."
"PREDICTED: Homo sapiens cell death-inducing CIDE-like effector pseudogene (CICE), misc R
"Homo sapiens cell death-inducing DFFA-like effector b (CIDEB), mRNA."
"Homo sapiens cell death-inducing DFFA-like effector c pseudogene (CIDECP), non-coding RNA
"Homo sapiens class II, major histocompatibility complex, transactivator (CIITA), mRNA."
"Homo sapiens cartilage intermediate layer protein, nucleotide pyrophosphohydrolase (CILP), m
"Homo sapiens cyclin-dependent kinase 2 interacting protein (CINP), mRNA."
"Homo sapiens cytokine induced protein 29 kDa (CIP29), mRNA."
"Homo sapiens corepressor interacting with RBPJ, 1 (CIR1), mRNA."
"Homo sapiens cold inducible RNA binding protein (CIRBP), mRNA."
"Homo sapiens cirrhosis, autosomal recessive 1A (cirhin) (CIRH1A), mRNA."
"Homo sapiens CDGSH iron sulfur domain 1 (CISD1), mRNA."
"Homo sapiens CDGSH iron sulfur domain 2 (CISD2), mRNA."
"Homo sapiens cytokine inducible SH2-containing protein (CISH), mRNA."
"Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain,
"Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain,
"Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain,
"Homo sapiens cytoskeleton associated protein 2 (CKAP2), transcript variant 2, mRNA."
"Homo sapiens cytoskeleton associated protein 2-like (CKAP2L), mRNA."
"Homo sapiens cytoskeleton-associated protein 4 (CKAP4), mRNA."
"Homo sapiens cytoskeleton associated protein 5 (CKAP5), transcript variant 1, mRNA."
"Homo sapiens creatine kinase, brain (CKB), mRNA."
"Homo sapiens chemokine-like factor (CKLF), transcript variant 5, mRNA."
"Homo sapiens creatine kinase, mitochondrial 1A (CKMT1A), nuclear gene encoding mitochond
"Homo sapiens creatine kinase, mitochondrial 1B (CKMT1B), nuclear gene encoding mitochond
"Homo sapiens creatine kinase, mitochondrial 2 (sarcomeric) (CKMT2), nuclear gene encoding
"Homo sapiens CDC28 protein kinase regulatory subunit 1B (CKS1B), mRNA."
"Homo sapiens CDC28 protein kinase regulatory subunit 2 (CKS2), mRNA."
"Homo sapiens cytoplasmic linker associated protein 1 (CLASP1), mRNA."
"Homo sapiens cytoplasmic linker associated protein 2 (CLASP2), mRNA."

"Homo sapiens Charcot-Leyden crystal protein (CLC), mRNA."
"Homo sapiens chloride channel accessory 1 (CLCA1), mRNA."
"Homo sapiens chloride channel, calcium activated, family member 4 (CLCA4), mRNA."
"Homo sapiens chloride channel CLIC-like 1 (CLCC1), mRNA."
"Homo sapiens cardiotrophin-like cytokine factor 1 (CLCF1), transcript variant 1, mRNA."
"Homo sapiens chloride channel 1, skeletal muscle (CLCN1), mRNA."
"Homo sapiens chloride channel 2 (CLCN2), mRNA."
"Homo sapiens chloride channel 3 (CLCN3), transcript variant e, mRNA."
"Homo sapiens chloride channel 4 (CLCN4), mRNA."
"Homo sapiens chloride channel 5 (CLCN5), transcript variant 3, mRNA."
"Homo sapiens chloride channel 6 (CLCN6), transcript variant ClC-6d, mRNA."
"Homo sapiens chloride channel 7 (CLCN7), mRNA."
"Homo sapiens chloride channel Ka (CLCNKA), transcript variant 1, mRNA."
"Homo sapiens claudin 11 (oligodendrocyte transmembrane protein) (CLDN11), mRNA."
"Homo sapiens claudin 12 (CLDN12), mRNA."
"Homo sapiens claudin 14 (CLDN14), transcript variant 1, mRNA."
"Homo sapiens claudin 15 (CLDN15), mRNA."
"Homo sapiens claudin 19 (CLDN19), mRNA."
"Homo sapiens claudin 2 (CLDN2), mRNA."
"PREDICTED: Homo sapiens claudin 22 (CLDN22), mRNA."
"Homo sapiens claudin 23 (CLDN23), mRNA."
"PREDICTED: Homo sapiens claudin-24-like (CLDN24), mRNA."
"Homo sapiens claudin 4 (CLDN4), mRNA."
"Homo sapiens claudin 5 (transmembrane protein deleted in velocardiofacial syndrome) (CLDN5
"Homo sapiens claudin 7 (CLDN7), mRNA."
"Homo sapiens claudin domain containing 1 (CLDND1), transcript variant 1, mRNA."
"Homo sapiens claudin domain containing 2 (CLDND2), mRNA."
"Homo sapiens C-type lectin domain family 10, member A (CLEC10A), transcript variant 1, mRN
"Homo sapiens C-type lectin domain family 11, member A (CLEC11A), mRNA."
"Homo sapiens C-type lectin domain family 14, member A (CLEC14A), mRNA."
"Homo sapiens C-type lectin domain family 16, member A (CLEC16A), mRNA."
"Homo sapiens C-type lectin domain family 17, member A (CLEC17A), mRNA."
"Homo sapiens C-type lectin domain family 18, member C (CLEC18C), mRNA."
"Homo sapiens C-type lectin domain family 2, member B (CLEC2B), mRNA."
"Homo sapiens C-type lectin domain family 2, member D (CLEC2D), transcript variant 1, mRNA
"PREDICTED: Homo sapiens C-type lectin domain family 2, member L (CLEC2L), mRNA."
"Homo sapiens C-type lectin domain family 4, member A (CLEC4A), transcript variant 4, mRNA.
"Homo sapiens C-type lectin domain family 4, member C (CLEC4C), transcript variant 1, mRNA
"Homo sapiens C-type lectin domain family 4, member D (CLEC4D), mRNA."
"Homo sapiens C-type lectin domain family 4, member F (CLEC4F), mRNA."
"Homo sapiens C-type lectin superfamily 4, member G (CLEC4G), mRNA."
"Homo sapiens C-type lectin domain family 6, member A (CLEC6A), mRNA."
"Homo sapiens C-type lectin domain family 7, member A (CLEC7A), transcript variant 3, mRNA.
"Homo sapiens C-type lectin domain family 9, member A (CLEC9A), mRNA."

"Homo sapiens C-type lectin-like 1 (CLECL1), mRNA."
"Homo sapiens calmegin (CLGN), mRNA."
"Homo sapiens chloride intracellular channel 1 (CLIC1), mRNA."
"Homo sapiens chloride intracellular channel 2 (CLIC2), mRNA."
"Homo sapiens chloride intracellular channel 3 (CLIC3), mRNA."
"Homo sapiens chloride intracellular channel 4 (CLIC4), nuclear gene encoding mitochondrial pr
"Homo sapiens chloride intracellular channel 6 (CLIC6), mRNA."
"Homo sapiens clathrin interactor 1 (CLINT1), mRNA."
"Homo sapiens CAP-GLY domain containing linker protein 1 (CLIP1), transcript variant 1, mRNA
"Homo sapiens CAP-GLY domain containing linker protein 2 (CLIP2), transcript variant 2, mRNA
"Homo sapiens CAP-GLY domain containing linker protein 3 (CLIP3), mRNA."
"Homo sapiens CDC-like kinase 1 (CLK1), mRNA."
"PREDICTED: Homo sapiens CDC-like kinase 2, transcript variant 3 (CLK2), mRNA."
"Homo sapiens CDC-like kinase 3 (CLK3), transcript variant phclk3, mRNA."
"Homo sapiens CDC-like kinase 4 (CLK4), mRNA."
"Homo sapiens calmin (calponin-like, transmembrane) (CLMN), mRNA."
"Homo sapiens ceroid-lipofuscinosis, neuronal 3 (CLN3), transcript variant 1, mRNA."
"Homo sapiens ceroid-lipofuscinosis, neuronal 5 (CLN5), mRNA."
"Homo sapiens ceroid-lipofuscinosis, neuronal 6, late infantile, variant (CLN6), mRNA."
"Homo sapiens CLP1, cleavage and polyadenylation factor I subunit, homolog (S. cerevisiae) (C
"Homo sapiens ClpB caseinolytic peptidase B homolog (E. coli) (CLPB), mRNA."
"Homo sapiens ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. co
"Homo sapiens cleft lip and palate associated transmembrane protein 1 (CLPTM1), mRNA."
"Homo sapiens CLPTM1-like (CLPTM1L), mRNA."
"Homo sapiens ClpX caseinolytic peptidase X homolog (E. coli) (CLPX), mRNA."
"Homo sapiens claspin homolog (Xenopus laevis) (CLSPN), mRNA."
"Homo sapiens calsyntenin 1 (CLSTN1), transcript variant 1, mRNA."
"Homo sapiens calsyntenin 2 (CLSTN2), mRNA."
"Homo sapiens calsyntenin 3 (CLSTN3), mRNA."
"Homo sapiens clathrin, light chain (Lca) (CLTA), transcript variant 2, mRNA."
"Homo sapiens clathrin, light chain (Lcb) (CLTB), transcript variant 2, mRNA."
"Homo sapiens clathrin, heavy chain (Hc) (CLTC), mRNA."
"Homo sapiens clathrin, heavy chain-like 1 (CLTCL1), mRNA."
"Homo sapiens clusterin associated protein 1 (CLUAP1), transcript variant 2, mRNA."
"Homo sapiens clavesin 2 (CLVS2), mRNA."
"Homo sapiens citrate lyase beta like (CLYBL), transcript variant 1, mRNA."
Homo sapiens cytidine monophosphate-N-acetylneuraminic acid hydroxylase (CMP-N-acetylneu
"Homo sapiens cytidine monophosphate N-acetylneuraminic acid synthetase (CMAS), mRNA."
"Homo sapiens carboxymethylenebutenolidase homolog (Pseudomonas) (CMBL), mRNA."
"Homo sapiens COX assembly mitochondrial protein homolog (S. cerevisiae) (CMC1), nuclear g
"Homo sapiens c-Maf-inducing protein (CMIP), transcript variant C-mip, mRNA."
"Homo sapiens cytidine monophosphate (UMP-CMP) kinase 1, cytosolic (CMPK1), mRNA."
"Homo sapiens CKLF-like MARVEL transmembrane domain containing 1 (CMTM1), transcript v
"Homo sapiens CKLF-like MARVEL transmembrane domain containing 3 (CMTM3), transcript v

"Homo sapiens CKLF-like MARVEL transmembrane domain containing 4 (CMTM4), transcript v
"Homo sapiens CKLF-like MARVEL transmembrane domain containing 6 (CMTM6), mRNA."
"Homo sapiens CKLF-like MARVEL transmembrane domain containing 7 (CMTM7), transcript v
"Homo sapiens CKLF-like MARVEL transmembrane domain containing 8 (CMTM8), mRNA."
"Homo sapiens CCHC-type zinc finger, nucleic acid binding protein (CNBP), transcript variant 3,
"Homo sapiens CNDP dipeptidase 2 (metallopeptidase M20 family) (CNDP2), mRNA."
"Homo sapiens cornifelin (CNFN), mRNA."
"PREDICTED: Homo sapiens cornichon homolog 2 (Drosophila) (CNIH2), mRNA."
"Homo sapiens cornichon homolog 4 (Drosophila) (CNIH4), mRNA."
"Homo sapiens connector enhancer of kinase suppressor of Ras 2 (CNKSR2), mRNA."
"Homo sapiens calponin 2 (CNN2), transcript variant 2, mRNA."
"Homo sapiens calponin 3, acidic (CNN3), mRNA."
"Homo sapiens cyclin M2 (CNNM2), transcript variant 3, mRNA."
"Homo sapiens cyclin M3 (CNNM3), transcript variant 1, mRNA."
"Homo sapiens cyclin M4 (CNNM4), mRNA."
"Homo sapiens cappuccino homolog (mouse) (CNO), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 1 (CNOT1), transcript variant 2, mRN
"Homo sapiens CCR4-NOT transcription complex, subunit 10 (CNOT10), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 2 (CNOT2), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 3 (CNOT3), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 4 (CNOT4), transcript variant 1, mRN
"Homo sapiens CCR4-NOT transcription complex, subunit 6 (CNOT6), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 6-like (CNOT6L), mRNA."
"Homo sapiens CCR4-NOT transcription complex, subunit 7 (CNOT7), transcript variant 2, mRN
"Homo sapiens CCR4-NOT transcription complex, subunit 8 (CNOT8), mRNA."
"Homo sapiens 2',3'-cyclic nucleotide 3' phosphodiesterase (CNP), mRNA."
"Homo sapiens canopy 2 homolog (zebrafish) (CNPY2), mRNA."
"Homo sapiens canopy 3 homolog (zebrafish) (CNPY3), mRNA."
"Homo sapiens canopy 4 homolog (zebrafish) (CNPY4), mRNA."
"Homo sapiens cannabinoid receptor 1 (brain) (CNR1), transcript variant 1, mRNA."
"Homo sapiens cannabinoid receptor 2 (macrophage) (CNR2), mRNA."
"Homo sapiens cannabinoid receptor interacting protein 1 (CNRIP1), transcript variant CRIP1b,
"Homo sapiens centlein, centrosomal protein (CNTLN), transcript variant 1, mRNA."
"Homo sapiens contactin 2 (axonal) (CNTN2), mRNA."
"Homo sapiens contactin 6 (CNTN6), mRNA."
"Homo sapiens contactin associated protein 1 (CNTNAP1), mRNA."
"Homo sapiens contactin associated protein-like 3 (CNTNAP3), mRNA."
"Homo sapiens Coenzyme A synthase (COASY), nuclear gene encoding mitochondrial protein,
"Homo sapiens cordon-bleu homolog (mouse) (COBL), mRNA."
"Homo sapiens COBL-like 1 (COBLL1), mRNA."
"PREDICTED: Homo sapiens cofactor of BRCA1 (COBRA1), mRNA."
"Homo sapiens coagulation factor C homolog, cochlin (Limulus polyphemus) (COCH), mRNA."
"Homo sapiens component of oligomeric golgi complex 1 (COG1), mRNA."
"Homo sapiens component of oligomeric golgi complex 3 (COG3), mRNA."

"Homo sapiens component of oligomeric golgi complex 4 (COG4), mRNA."
"Homo sapiens component of oligomeric golgi complex 5 (COG5), transcript variant 1, mRNA."
"Homo sapiens component of oligomeric golgi complex 6 (COG6), mRNA."
"Homo sapiens component of oligomeric golgi complex 7 (COG7), mRNA."
"Homo sapiens coilin (COIL), mRNA."
"Homo sapiens collagen, type XIV, alpha 1 (COL14A1), mRNA."
"Homo sapiens collagen, type XV, alpha 1 (COL15A1), mRNA."
"Homo sapiens collagen, type XVI, alpha 1 (COL16A1), mRNA."
"Homo sapiens collagen, type I, alpha 1 (COL1A1), mRNA."
"Homo sapiens collagen, type I, alpha 2 (COL1A2), mRNA."
"Homo sapiens collagen, type XXIII, alpha 1 (COL23A1), mRNA."
"Homo sapiens collagen, type XXIV, alpha 1 (COL24A1), mRNA."
"Homo sapiens collagen, type IV, alpha 3 (Goodpasture antigen) (COL4A3), transcript variant 5,
"Homo sapiens collagen, type V, alpha 1 (COL5A1), mRNA."
"Homo sapiens collagen, type V, alpha 2 (COL5A2), mRNA."
"Homo sapiens collagen, type VI, alpha 3 (COL6A3), transcript variant 1, mRNA."
"Homo sapiens collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and rec
"Homo sapiens collagen, type VIII, alpha 2 (COL8A2), mRNA."
"Homo sapiens collagen, type IX, alpha 2 (COL9A2), mRNA."
"Homo sapiens collagen, type IX, alpha 3 (COL9A3), mRNA."
"Homo sapiens collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholi
"Homo sapiens copper metabolism (Murr1) domain containing 1 (COMMD1), mRNA."
"Homo sapiens COMM domain containing 10 (COMMD10), mRNA."
"Homo sapiens COMM domain containing 2 (COMMD2), mRNA."
"Homo sapiens COMM domain containing 3 (COMMD3), mRNA."
"Homo sapiens COMM domain containing 4 (COMMD4), mRNA."
"Homo sapiens COMM domain containing 5 (COMMD5), transcript variant 1, mRNA."
"Homo sapiens COMM domain containing 6 (COMMD6), transcript variant 1, mRNA."
"Homo sapiens COMM domain containing 7 (COMMD7), transcript variant 2, mRNA."
"Homo sapiens COMM domain containing 8 (COMMD8), mRNA."
"Homo sapiens COMM domain containing 9 (COMMD9), mRNA."
"Homo sapiens cartilage oligomeric matrix protein (COMP), mRNA."
"Homo sapiens catechol-O-methyltransferase (COMT), transcript variant MB-COMT, mRNA."
"Homo sapiens catechol-O-methyltransferase domain containing 1 (COMTD1), mRNA."
"Homo sapiens coatomer protein complex, subunit alpha (COPA), transcript variant 2, mRNA."
"Homo sapiens coatomer protein complex, subunit beta 1 (COPB1), mRNA."
"Homo sapiens coatomer protein complex, subunit beta 2 (beta prime) (COPB2), mRNA."
"Homo sapiens coatomer protein complex, subunit epsilon (COPE), transcript variant 3, mRNA.'
"Homo sapiens coatomer protein complex, subunit gamma 2 (COPG2), mRNA."
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) (COPS2
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis) (COPS3
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis) (COPS4
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis) (COPS5
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis) (COPS6

"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) (COPS
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis) (COPS
"Homo sapiens COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) (COPS8)
"Homo sapiens coatomer protein complex, subunit zeta 1 (COPZ1), mRNA."
"Homo sapiens coatomer protein complex, subunit zeta 2 (COPZ2), mRNA."
"Homo sapiens coenzyme Q10 homolog A (S. cerevisiae) (COQ10A), transcript variant 1, mRNA
"Homo sapiens coenzyme Q10 homolog B (S. cerevisiae) (COQ10B), mRNA."
"Homo sapiens coenzyme Q2 homolog, prenyltransferase (yeast) (COQ2), mRNA."
"Homo sapiens coenzyme Q3 homolog, methyltransferase (S. cerevisiae) (COQ3), mRNA."
"Homo sapiens coenzyme Q5 homolog, methyltransferase (S. cerevisiae) (COQ5), mRNA."
"Homo sapiens coenzyme Q6 homolog, monooxygenase (S. cerevisiae) (COQ6), transcript varia
"Homo sapiens coenzyme Q7 homolog, ubiquinone (yeast) (COQ7), mRNA."
"Homo sapiens coenzyme Q9 homolog (S. cerevisiae) (COQ9), mRNA."
"Homo sapiens coronin, actin binding protein, 1A (CORO1A), mRNA."
"Homo sapiens coronin, actin binding protein, 1B (CORO1B), transcript variant 1, mRNA."
"Homo sapiens coronin, actin binding protein, 1C (CORO1C), transcript variant 1, mRNA."
"Homo sapiens coronin, actin binding protein, 2A (CORO2A), transcript variant 1, mRNA."
"Homo sapiens coronin, actin binding protein, 2B (CORO2B), mRNA."
"Homo sapiens coronin 6 (CORO6), mRNA."
"Homo sapiens coronin 7 (CORO7), mRNA."
"Homo sapiens cortistatin (CORT), mRNA."
"Homo sapiens coactosin-like 1 (Dictyostelium) (COTL1), mRNA."
"Homo sapiens COX10 homolog, cytochrome c oxidase assembly protein, heme A: farnesyltran
"Homo sapiens COX11 homolog, cytochrome c oxidase assembly protein (yeast) (COX11), nucl
"Homo sapiens COX11 homolog, cytochrome c oxidase assembly protein (yeast) pseudogene (
"Homo sapiens COX16 cytochrome c oxidase assembly homolog (S. cerevisiae) (COX16), mRN
"Homo sapiens COX17 cytochrome c oxidase assembly homolog (S. cerevisiae) (COX17), nucle
"Homo sapiens COX19 cytochrome c oxidase assembly homolog (S. cerevisiae) (COX19), mRN
"Homo sapiens cytochrome c oxidase subunit IV isoform 1 (COX4I1), mRNA."
"Homo sapiens COX4 neighbor (COX4NB), mRNA."
"Homo sapiens cytochrome c oxidase subunit Va (COX5A), nuclear gene encoding mitochondria
"Homo sapiens cytochrome c oxidase subunit Vb (COX5B), mRNA."
"Homo sapiens cytochrome c oxidase subunit VIa polypeptide 1 (COX6A1), nuclear gene encod
"Homo sapiens cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous) (COX6B1), nuclear
"Homo sapiens cytochrome c oxidase subunit VIc (COX6C), mRNA."
"Homo sapiens cytochrome c oxidase subunit VIIa polypeptide 2 like (COX7A2L), nuclear gene
"Homo sapiens cytochrome c oxidase subunit VIIb (COX7B), nuclear gene encoding mitochondr
"Homo sapiens cytochrome c oxidase subunit VIIc (COX7C), nuclear gene encoding mitochondr
"Homo sapiens cytochrome c oxidase subunit 8A (ubiquitous) (COX8A), mRNA."
"Homo sapiens CP110 protein (CP110), mRNA."
"Homo sapiens carboxypeptidase A2 (pancreatic) (CPA2), mRNA."
"Homo sapiens carboxypeptidase A3 (mast cell) (CPA3), mRNA."
"Homo sapiens carboxypeptidase A4 (CPA4), mRNA."
"Homo sapiens carboxypeptidase A6 (CPA6), mRNA."

"Homo sapiens carboxypeptidase D (CPD), mRNA."
"Homo sapiens carboxypeptidase E (CPE), mRNA."
"Homo sapiens cytoplasmic polyadenylation element binding protein 1 (CPEB1), transcript varia
"Homo sapiens cytoplasmic polyadenylation element binding protein 2 (CPEB2), transcript varia
"Homo sapiens cytoplasmic polyadenylation element binding protein 3 (CPEB3), mRNA."
"Homo sapiens cytoplasmic polyadenylation element binding protein 4 (CPEB4), mRNA."
"Homo sapiens complexin 1 (CPLX1), mRNA."
"Homo sapiens complexin 3 (CPLX3), mRNA."
"Homo sapiens carboxypeptidase N, polypeptide 1 (CPN1), mRNA."
"PREDICTED: Homo sapiens carboxypeptidase N, polypeptide 2, 83kD (CPN2), mRNA."
"Homo sapiens copine I (CPNE1), transcript variant 3, mRNA."
"Homo sapiens copine II (CPNE2), mRNA."
"Homo sapiens copine III (CPNE3), mRNA."
"Homo sapiens copine V (CPNE5), mRNA."
"Homo sapiens copine VII (CPNE7), transcript variant 1, mRNA."
"Homo sapiens copine family member IX (CPNE9), mRNA."
"Homo sapiens coproporphyrinogen oxidase (CPOX), mRNA."
"Homo sapiens calcineurin-like phosphoesterase domain containing 1 (CPPED1), transcript vari
"Homo sapiens cleavage and polyadenylation specific factor 1, 160kDa (CPSF1), mRNA."
"Homo sapiens cleavage and polyadenylation specific factor 2, 100kDa (CPSF2), mRNA."
"Homo sapiens cleavage and polyadenylation specific factor 3-like (CPSF3L), mRNA."
"Homo sapiens cleavage and polyadenylation specific factor 4, 30kDa (CPSF4), transcript varia
"Homo sapiens cleavage and polyadenylation specific factor 6, 68kDa (CPSF6), mRNA."
"Homo sapiens carnitine palmitoyltransferase 1A (liver) (CPT1A), nuclear gene encoding mitoch
"Homo sapiens carnitine palmitoyltransferase 1B (muscle) (CPT1B), nuclear gene encoding mit
"Homo sapiens carnitine palmitoyltransferase 1C (CPT1C), transcript variant 2, mRNA."
"Homo sapiens carnitine palmitoyltransferase II (CPT2), nuclear gene encoding mitochondrial pr
"Homo sapiens carboxypeptidase, vitellogenic-like (CPVL), transcript variant 1, mRNA."
"Homo sapiens carboxypeptidase X (M14 family), member 1 (CPXM1), mRNA."
"Homo sapiens complement component (3b/4b) receptor 1-like (CR1L), mRNA."
"Homo sapiens complement component (3d/Epstein Barr virus) receptor 2 (CR2), transcript vari
"Homo sapiens cellular retinoic acid binding protein 1 (CRABP1), mRNA."
"Homo sapiens cellular retinoic acid binding protein 2 (CRABP2), mRNA."
"Homo sapiens CASP2 and RIPK1 domain containing adaptor with death domain (CRADD), mR
"Homo sapiens Crm, cramped-like (Drosophila) (CRAMP1L), mRNA."
"Homo sapiens carnitine acetyltransferase (CRAT), transcript variant 2, mRNA."
"Homo sapiens crumbs homolog 3 (Drosophila) (CRB3), transcript variant 3, mRNA."
"Homo sapiens cereblon (CRBN), mRNA."
"Homo sapiens CGRP receptor component (CRCP), transcript variant 1, mRNA."
"Homo sapiens cysteine-rich C-terminal 1 (CRCT1), mRNA."
"Homo sapiens cAMP responsive element binding protein 1 (CREB1), transcript variant B, mRN
"Homo sapiens cAMP responsive element binding protein 3 (CREB3), mRNA."
"Homo sapiens cAMP responsive element binding protein 3-like 1 (CREB3L1), mRNA."
"Homo sapiens cAMP responsive element binding protein 3-like 2 (CREB3L2), mRNA."

"Homo sapiens cAMP responsive element binding protein 3-like 4 (CREB3L4), mRNA."
"Homo sapiens CREB binding protein (CREBBP), transcript variant 2, mRNA."
"Homo sapiens cAMP responsive element binding protein-like 1 (CREBL1), mRNA."
"Homo sapiens cAMP responsive element binding protein-like 2 (CREBL2), mRNA."
"Homo sapiens CREB/ATF bZIP transcription factor (CREBZF), mRNA."
"Homo sapiens cellular repressor of E1A-stimulated genes 1 (CREG1), mRNA."
"Homo sapiens cysteine-rich with EGF-like domains 1 (CRELD1), transcript variant 2, mRNA."
"Homo sapiens cysteine-rich with EGF-like domains 2 (CRELD2), mRNA."
"Homo sapiens cAMP responsive element modulator (CREM), transcript variant 2, mRNA."
"Homo sapiens corticotropin releasing hormone binding protein (CRHBP), mRNA."
"Homo sapiens cysteine rich transmembrane BMP regulator 1 (chordin-like) (CRIM1), mRNA."
"PREDICTED: Homo sapiens cysteine rich BMP regulator 2 (chordin-like) (CRIM2), mRNA."
"Homo sapiens cysteine-rich protein 1 (intestinal) (CRIP1), mRNA."
"Homo sapiens cysteine-rich protein 2 (CRIP2), mRNA."
"Homo sapiens cysteine-rich PAK1 inhibitor (CRIPAK), mRNA."
"Homo sapiens cysteine-rich PDZ-binding protein (CRIPT), mRNA."
"Homo sapiens cysteine-rich secretory protein LCCL domain containing 2 (CRISPLD2), mRNA."
"Homo sapiens v-crk sarcoma virus CT10 oncogene homolog (avian) (CRK), transcript variant II
"Homo sapiens Cdc2-related kinase, arginine/serine-rich (CRKRS), mRNA."
"Homo sapiens cytokine receptor-like factor 1 (CRLF1), mRNA."
"Homo sapiens cytokine receptor-like factor 3 (CRLF3), mRNA."
"Homo sapiens cardiolipin synthase 1 (CRLS1), mRNA."
"Homo sapiens crooked neck pre-mRNA splicing factor-like 1 (Drosophila) (CRNKL1), mRNA."
"Homo sapiens ciliary rootlet coiled-coil, rootletin (CROCC), mRNA."
"Homo sapiens carnitine O-octanoyltransferase (CROT), mRNA."
"Homo sapiens cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa (CRSP9), r
"Homo sapiens cartilage associated protein (CRTAP), mRNA."
"Homo sapiens CREB regulated transcription coactivator 1 (CRTC1), transcript variant 1, mRNA
"Homo sapiens CREB regulated transcription coactivator 3 (CRTC3), transcript variant 1, mRNA
"Homo sapiens cone-rod homeobox (CRX), mRNA."
"Homo sapiens cryptochrome 2 (photolyase-like) (CRY2), mRNA."
"Homo sapiens crystallin, alpha A (CRYAA), mRNA."
"Homo sapiens crystallin, beta A4 (CRYBA4), mRNA."
"Homo sapiens crystallin, beta B2 (CRYBB2), mRNA."
"Homo sapiens beta-gamma crystallin domain containing 3 (CRYBG3), mRNA."
"Homo sapiens crystallin, gamma S (CRYGS), mRNA."
"Homo sapiens crystallin, lambda 1 (CRYL1), mRNA."
"Homo sapiens crystallin, mu (CRYM), transcript variant 1, mRNA."
"Homo sapiens crystallin, zeta (quinone reductase) (CRYZ), mRNA."
"Homo sapiens crystallin, zeta (quinone reductase)-like 1 (CRYZL1), transcript variant 3, mRNA
"Homo sapiens citrate synthase (CS), nuclear gene encoding mitochondrial protein, transcript va
"Homo sapiens cysteine sulfinic acid decarboxylase (CSAD), mRNA."
"Homo sapiens chondrosarcoma associated gene 1 (CSAG1), transcript variant b, mRNA."
"Homo sapiens CSAG family, member 3 (CSAG3), transcript variant 1, mRNA."

"Homo sapiens CSAG family, member 3A (CSAG3A), mRNA."
"Homo sapiens CSAG family, member 3B (CSAG3B), mRNA."
"Homo sapiens cold shock domain protein A (CSDA), mRNA."
"Homo sapiens cold shock domain containing C2, RNA binding (CSDC2), mRNA."
"Homo sapiens cold shock domain containing E1, RNA-binding (CSDE1), transcript variant 1, m
"Homo sapiens CSE1 chromosome segregation 1-like (yeast) (CSE1L), mRNA."
"Homo sapiens colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v
"Homo sapiens colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage
"Homo sapiens colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
"Homo sapiens chondroitin sulfate N-acetylgalactosaminyltransferase 2 (CSGALNACT2), mRNA
"Homo sapiens chorionic somatomammotropin hormone-like 1 (CSHL1), transcript variant 1, mR
"Homo sapiens c-src tyrosine kinase (CSK), mRNA."
"Homo sapiens casein kinase 1, alpha 1 (CSNK1A1), transcript variant 1, mRNA."
"Homo sapiens casein kinase 1, delta (CSNK1D), transcript variant 1, mRNA."
"Homo sapiens casein kinase 1, epsilon (CSNK1E), transcript variant 2, mRNA."
"Homo sapiens casein kinase 1, gamma 1 (CSNK1G1), transcript variant 2, mRNA."
"Homo sapiens casein kinase 1, gamma 2 (CSNK1G2), mRNA."
"Homo sapiens casein kinase 1, gamma 3 (CSNK1G3), transcript variant 3, mRNA."
"Homo sapiens casein kinase 2, alpha 1 polypeptide (CSNK2A1), transcript variant 2, mRNA."
"Homo sapiens casein kinase 2, alpha prime polypeptide (CSNK2A2), mRNA."
"Homo sapiens chondroitin sulfate proteoglycan 4-like, Y-linked pseudogene 1 (CSPG4LYP1), r
"Homo sapiens chondroitin sulfate proteoglycan 5 (neuroglycan C) (CSPG5), mRNA."
"Homo sapiens centrosome and spindle pole associated protein 1 (CSPP1), transcript variant 1,
"Homo sapiens cysteine-serine-rich nuclear protein 2 (CSRNP2), mRNA."
"Homo sapiens cysteine-serine-rich nuclear protein 3 (CSRNP3), mRNA."
"Homo sapiens cysteine and glycine-rich protein 1 (CSRP1), mRNA."
"Homo sapiens cysteine and glycine-rich protein 2 (CSRP2), mRNA."
"Homo sapiens CSRP2 binding protein (CSRP2BP), transcript variant 1, mRNA."
"Homo sapiens cystatin C (CST3), mRNA."
"PREDICTED: Homo sapiens cystatin E/M (CST6), mRNA."
"Homo sapiens cystatin F (leukocystatin) (CST7), mRNA."
"Homo sapiens cystatin 9 (testatin) (CST9), mRNA."
"Homo sapiens cystatin A (stefin A) (CSTA), mRNA."
"Homo sapiens cystatin B (stefin B) (CSTB), mRNA."
"Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa (CSTF1), transcript va
"Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa (CSTF2), mRNA."
"Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant (CSTF2T)
"Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa (CSTF3), transcript va
"Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), mRNA."
"Homo sapiens CTAGE family, member 6 (CTAGE6), mRNA."
"Homo sapiens C-terminal binding protein 1 (CTBP1), transcript variant 1, mRNA."
"Homo sapiens C-terminal binding protein 2 (CTBP2), transcript variant 2, mRNA."
"Homo sapiens chitobiase, di-N-acetyl- (CTBS), mRNA."
"Homo sapiens CCCTC-binding factor (zinc finger protein) (CTCF), mRNA."

"Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase
"Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phospl
"Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phospl
"Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phospl
"Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phospl
"Homo sapiens connective tissue growth factor (CTGF), mRNA."
"Homo sapiens centaurin, gamma-like family, member 3 (CTGLF3), mRNA."
"PREDICTED: Homo sapiens centaurin, gamma-like family, member 7 (CTGLF7), mRNA."
"Homo sapiens cystathionase (cystathionine gamma-lyase) (CTH), transcript variant 2, mRNA."
"Homo sapiens collagen triple helix repeat containing 1 (CTHRC1), mRNA."
"Homo sapiens catenin (cadherin-associated protein), alpha 1, 102kDa (CTNNA1), mRNA."
"Homo sapiens catenin (cadherin-associated protein), alpha 2 (CTNNA2), mRNA."
"Homo sapiens catenin (cadherin-associated protein), alpha-like 1 (CTNNAL1), mRNA."
"PREDICTED: Homo sapiens catenin (cadherin-associated protein), beta 1, 88kDa, transcript va
"Homo sapiens catenin, beta interacting protein 1 (CTNNBIP1), transcript variant 1, mRNA."
"Homo sapiens catenin, beta like 1 (CTNNBL1), mRNA."
"Homo sapiens cystinosis, nephropathic (CTNS), transcript variant 2, mRNA."
"Homo sapiens CTP synthase (CTPS), mRNA."
"Homo sapiens CTP synthase II (CTPS2), transcript variant 1, mRNA."
"Homo sapiens Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (CT
"Homo sapiens chymotrypsin-like (CTRL), mRNA."
"Homo sapiens cathepsin A (CTSA), transcript variant 1, mRNA."
"Homo sapiens cathepsin B (CTSB), transcript variant 1, mRNA."
"Homo sapiens cathepsin C (CTSC), transcript variant 1, mRNA."
"Homo sapiens cathepsin D (CTSD), mRNA."
"Homo sapiens cathepsin F (CTSF), mRNA."
"Homo sapiens cathepsin G (CTSG), mRNA."
"Homo sapiens cathepsin H (CTSH), transcript variant 1, mRNA."
"Homo sapiens cathepsin K (CTSK), mRNA."
"Homo sapiens cathepsin L1 (CTSL1), transcript variant 2, mRNA."
"Homo sapiens cathepsin L2 (CTSL2), mRNA."
"Homo sapiens cathepsin S (CTSS), mRNA."
"Homo sapiens cathepsin W (CTSW), mRNA."
"Homo sapiens cathepsin Z (CTSZ), mRNA."
"Homo sapiens cortactin (CTTN), transcript variant 2, mRNA."
"Homo sapiens CTTNBP2 N-terminal like (CTTNBP2NL), mRNA."
"Homo sapiens cytosolic thiouridylase subunit 2 homolog (S. pombe) (CTU2), transcript variant
"Homo sapiens cortexin 1 (CTXN1), mRNA."
"Homo sapiens cortexin 3 (CTXN3), mRNA."
"Homo sapiens cubilin (intrinsic factor-cobalamin receptor) (CUBN), mRNA."
"Homo sapiens CUE domain containing 1 (CUEDC1), mRNA."
"Homo sapiens CUE domain containing 2 (CUEDC2), mRNA."
"Homo sapiens CUG triplet repeat, RNA binding protein 1 (CUGBP1), transcript variant 2, mRN
"Homo sapiens CUG triplet repeat, RNA binding protein 2 (CUGBP2), transcript variant 2, mRN

"Homo sapiens cullin 1 (CUL1), mRNA."
"Homo sapiens cullin 2 (CUL2), mRNA."
"Homo sapiens cullin 4A (CUL4A), transcript variant 1, mRNA."
"Homo sapiens cullin 4B (CUL4B), transcript variant 2, mRNA."
"Homo sapiens cullin 5 (CUL5), mRNA."
"Homo sapiens cullin 9 (CUL9), mRNA."
"Homo sapiens cutA divalent cation tolerance homolog (E. coli) (CUTA), transcript variant 4, mR
"Homo sapiens cutC copper transporter homolog (E. coli) (CUTC), mRNA."
"Homo sapiens cut-like 1, CCAAT displacement protein (Drosophila) (CUTL1), transcript variant
"Homo sapiens cut-like homeobox 1 (CUX1), transcript variant 2, mRNA."
"Homo sapiens cut-like homeobox 2 (CUX2), mRNA."
"Homo sapiens CWC15 spliceosome-associated protein homolog (S. cerevisiae) (CWC15), mR
"Homo sapiens CWC22 spliceosome-associated protein homolog (S. cerevisiae) (CWC22), mR
"Homo sapiens CWF19-like 1, cell cycle control (S. pombe) (CWF19L1), mRNA."
"Homo sapiens CWF19-like 2, cell cycle control (S. pombe) (CWF19L2), mRNA."
"Homo sapiens chemokine (C-X3-C motif) receptor 1 (CX3CR1), mRNA."
"Homo sapiens coxsackie virus and adenovirus receptor (CXADR), mRNA."
"Homo sapiens coxsackie virus and adenovirus receptor pseudogene 2 (CXADRP2), non-codin
"Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA."
"Homo sapiens chemokine (C-X-C motif) ligand 16 (CXCL16), mRNA."
"Homo sapiens chemokine (C-X-C motif) ligand 3 (CXCL3), mRNA."
"Homo sapiens chemokine (C-X-C motif) ligand 5 (CXCL5), mRNA."
"Homo sapiens chemokine (C-X-C motif) ligand 9 (CXCL9), mRNA."
"Homo sapiens chemokine (C-X-C motif) receptor 3 (CXCR3), transcript variant A, mRNA."
"Homo sapiens chemokine (C-X-C motif) receptor 4 (CXCR4), transcript variant 1, mRNA."
"Homo sapiens chemokine (C-X-C motif) receptor 5 (CXCR5), transcript variant 2, mRNA."
"Homo sapiens chemokine (C-X-C motif) receptor 7 (CXCR7), mRNA."
"Homo sapiens chromosome X open reading frame 12 (CXorf12), mRNA."
"Homo sapiens chromosome X open reading frame 15 (CXorf15), mRNA."
"Homo sapiens chromosome X open reading frame 21 (CXorf21), mRNA."
"Homo sapiens chromosome X open reading frame 22 (CXorf22), mRNA."
"Homo sapiens chromosome X open reading frame 23 (CXorf23), mRNA."
"Homo sapiens chromosome X open reading frame 26 (CXorf26), mRNA."
"Homo sapiens chromosome X open reading frame 27 (CXorf27), mRNA."
"Homo sapiens chromosome X open reading frame 36 (CXorf36), mRNA."
"Homo sapiens chromosome X open reading frame 38 (CXorf38), mRNA."
"Homo sapiens chromosome X open reading frame 39 (CXorf39), mRNA."
"Homo sapiens chromosome X open reading frame 40A (CXorf40A), mRNA."
"Homo sapiens chromosome X open reading frame 40B (CXorf40B), mRNA."
"Homo sapiens chromosome X open reading frame 45 (CXorf45), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens chromosome X open reading frame 55 (CXorf55), misc RNA."
"Homo sapiens chromosome X open reading frame 56 (CXorf56), mRNA."
"Homo sapiens chromosome X open reading frame 57 (CXorf57), mRNA."
"Homo sapiens chromosome X open reading frame 59 (CXorf59), mRNA."

"Homo sapiens chromosome X open reading frame 64 (CXorf64), mRNA."
"Homo sapiens CXXC finger 1 (PHD domain) (CXXC1), mRNA."
"Homo sapiens CXXC finger 4 (CXXC4), mRNA."
"Homo sapiens CXXC finger 5 (CXXC5), mRNA."
"Homo sapiens chromosome X and Y open reading frame 2 (CXYorf2), mRNA."
"Homo sapiens cytochrome b-561 (CYB561), transcript variant 1, mRNA."
"Homo sapiens cytochrome b-561 domain containing 1 (CYB561D1), transcript variant 2, mRNA
"Homo sapiens cytochrome b-561 domain containing 2 (CYB561D2), mRNA."
"Homo sapiens cytochrome b5 type A (microsomal) (CYB5A), transcript variant 2, mRNA."
"Homo sapiens cytochrome b5 type B (outer mitochondrial membrane) (CYB5B), nuclear gene e
"Homo sapiens cytochrome b5 domain containing 1 (CYB5D1), mRNA."
"Homo sapiens cytochrome b5 domain containing 2 (CYB5D2), mRNA."
"Homo sapiens cytochrome b5 reductase 1 (CYB5R1), mRNA."
"Homo sapiens cytochrome b5 reductase 2 (CYB5R2), transcript variant 2, mRNA."
"Homo sapiens cytochrome b5 reductase 3 (CYB5R3), transcript variant S, mRNA."
"Homo sapiens cytochrome b5 reductase 4 (CYB5R4), mRNA."
"Homo sapiens cytochrome b5 reductase-like (CYB5RL), mRNA."
"Homo sapiens cytochrome b-245, alpha polypeptide (CYBA), mRNA."
"Homo sapiens cytochrome b, ascorbate dependent 3 (CYBASC3), mRNA."
"Homo sapiens cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB), r
"Homo sapiens cytochrome b reductase 1 (CYBRD1), mRNA."
"Homo sapiens cytochrome c-1 (CYC1), mRNA."
"Homo sapiens cytochrome c, somatic (CYCS), nuclear gene encoding mitochondrial protein, m
"Homo sapiens cytochrome c, somatic-like 1 (CYCSL1) on chromosome 6."
"Homo sapiens cytoplasmic FMR1 interacting protein 2 (CYFIP2), transcript variant 1, mRNA."
"Homo sapiens cysteine/histidine-rich 1 (CYHR1), mRNA."
"Homo sapiens cylindromatosis (turban tumor syndrome) (CYLD), mRNA."
"Homo sapiens cytoplasmic linker 2 (CYLN2), transcript variant 2, mRNA."
"Homo sapiens chromosome Y open reading frame 15A (CYorf15A), mRNA."
"Homo sapiens cytochrome P450, family 11, subfamily A, polypeptide 1 (CYP11A1), nuclear ge
"Homo sapiens cytochrome P450, family 11, subfamily B, polypeptide 1 (CYP11B1), nuclear ge
"Homo sapiens cytochrome P450, family 1, subfamily A, polypeptide 1 (CYP1A1), mRNA."
"Homo sapiens cytochrome P450, family 1, subfamily B, polypeptide 1 (CYP1B1), mRNA."
"Homo sapiens cytochrome P450, family 20, subfamily A, polypeptide 1 (CYP20A1), transcript v
"Homo sapiens cytochrome P450, family 26, subfamily A, polypeptide 1 (CYP26A1), transcript v
"Homo sapiens cytochrome P450, family 26, subfamily B, polypeptide 1 (CYP26B1), mRNA."
"Homo sapiens cytochrome P450, family 27, subfamily A, polypeptide 1 (CYP27A1), nuclear ge
"Homo sapiens cytochrome P450, family 27, subfamily B, polypeptide 1 (CYP27B1), nuclear ge
"Homo sapiens cytochrome P450, family 2, subfamily B, polypeptide 6 (CYP2B6), mRNA."
"Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 8 (CYP2C8), mRNA."
"Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 9 (CYP2C9), mRNA."
"Homo sapiens cytochrome P450, family 2, subfamily D, polypeptide 6 (CYP2D6), transcript var
"Homo sapiens cytochrome P450, family 2, subfamily E, polypeptide 1 (CYP2E1), mRNA."
"Homo sapiens cytochrome P450, family 2, subfamily F, polypeptide 1 (CYP2F1), mRNA."

"Homo sapiens cytochrome P450, family 2, subfamily R, polypeptide 1 (CYP2R1), mRNA."
"Homo sapiens cytochrome P450, family 39, subfamily A, polypeptide 1 (CYP39A1), mRNA."
"Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 7 (CYP3A7), mRNA."
"Homo sapiens cytochrome P450, family 46, subfamily A, polypeptide 1 (CYP46A1), mRNA."
"Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 12 (CYP4F12), mRNA."
"Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 2 (CYP4F2), mRNA."
"Homo sapiens cytochrome P450, family 4, subfamily V, polypeptide 2 (CYP4V2), mRNA."
"Homo sapiens cytochrome P450, family 51, subfamily A, polypeptide 1 (CYP51A1), mRNA."
"Homo sapiens cysteinyl leukotriene receptor 1 (CYSLTR1), mRNA."
"Homo sapiens cytohesin 1 (CYTH1), transcript variant 2, mRNA."
"Homo sapiens cytohesin 2 (CYTH2), transcript variant 1, mRNA."
"Homo sapiens cytohesin 3 (CYTH3), mRNA."
"Homo sapiens cytohesin 4 (CYTH4), mRNA."
"Homo sapiens cytohesin 1 interacting protein (CYTIP), mRNA."
"Homo sapiens cytokine-like 1 (CYTL1), mRNA."
"Homo sapiens cytospin A (CYTSA), mRNA."
"Homo sapiens cytospin B (CYTSB), transcript variant NSP5alpha3beta, mRNA."
"Homo sapiens DNA segment on chromosome 21 (unique) 2056 expressed sequence (D21S20
"Homo sapiens D-2-hydroxyglutarate dehydrogenase (D2HGDH), nuclear gene encoding mitoch
"Homo sapiens DNA segment on chromosome 4 (unique) 234 expressed sequence (D4S234E),
"Homo sapiens dishevelled associated activator of morphogenesis 1 (DAAM1), mRNA."
"Homo sapiens dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis) (DACT1), trans
"Homo sapiens dapper, antagonist of beta-catenin, homolog 3 (Xenopus laevis) (DACT3), mRN
"Homo sapiens defender against cell death 1 (DAD1), mRNA."
"Homo sapiens defender against cell death 1-like (DAD1L), non-coding RNA."
"Homo sapiens dystroglycan 1 (dystrophin-associated glycoprotein 1) (DAG1), mRNA."
"Homo sapiens diacylglycerol lipase, beta (DAGLB), mRNA."
"Homo sapiens dihydroxyacetone kinase 2 homolog (S. cerevisiae) (DAK), mRNA."
"Homo sapiens D-amino-acid oxidase (DAO), mRNA."
"Homo sapiens death-associated protein (DAP), mRNA."
"Homo sapiens death associated protein 3 (DAP3), nuclear gene encoding mitochondrial protein
"Homo sapiens death-associated protein kinase 1 (DAPK1), mRNA."
"Homo sapiens death-associated protein kinase 2 (DAPK2), mRNA."
"Homo sapiens death-associated protein kinase 3 (DAPK3), mRNA."
"Homo sapiens death associated protein-like 1 (DAPL1), mRNA."
"Homo sapiens dual adaptor of phosphotyrosine and 3-phosphoinositides (DAPP1), mRNA."
"Homo sapiens Duffy blood group, chemokine receptor (DARC), transcript variant 2, mRNA."
"Homo sapiens aspartyl-tRNA synthetase (DARS), mRNA."
"Homo sapiens aspartyl-tRNA synthetase 2, mitochondrial (DARS2), nuclear gene encoding mit
"Homo sapiens death-domain associated protein (DAXX), mRNA."
"Homo sapiens DAZ associated protein 1 (DAZAP1), transcript variant 1, mRNA."
"Homo sapiens DAZ associated protein 2 (DAZAP2), mRNA."
"Homo sapiens deleted in azoospermia-like (DAZL), mRNA."
"Homo sapiens deleted in bladder cancer 1 (DBC1), mRNA."

"Homo sapiens DBF4 homolog (S. cerevisiae) (DBF4), mRNA."
"Homo sapiens diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A bindin
"Homo sapiens drebrin 1 (DBN1), transcript variant 1, mRNA."
"Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containing 1 (DBNDD1), trans
"Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containing 2 (DBNDD2), trans
"Homo sapiens drebrin-like (DBNL), transcript variant 1, mRNA."
"Homo sapiens D site of albumin promoter (albumin D-box) binding protein (DBP), mRNA."
"Homo sapiens debranching enzyme homolog 1 (S. cerevisiae) (DBR1), mRNA."
"Homo sapiens dihydrolipoamide branched chain transacylase E2 (DBT), nuclear gene encodin
"PREDICTED: Homo sapiens COBW-like placental protein (DC36), mRNA."
"Homo sapiens DDB1 and CUL4 associated factor 10 (DCAF10), mRNA."
"Homo sapiens DDB1 and CUL4 associated factor 15 (DCAF15), mRNA."
"Homo sapiens DDB1 and CUL4 associated factor 16 (DCAF16), mRNA."
"Homo sapiens DDB1 and CUL4 associated factor 6 (DCAF6), transcript variant 2, mRNA."
"Homo sapiens DDB1 and CUL4 associated factor 7 (DCAF7), mRNA."
"Homo sapiens dephospho-CoA kinase domain containing (DCAKD), mRNA."
"Homo sapiens discoidin, CUB and LCCL domain containing 1 (DCBLD1), mRNA."
"Homo sapiens discoidin, CUB and LCCL domain containing 2 (DCBLD2), mRNA."
"Homo sapiens doublecortin domain containing 1 (DCDC1), mRNA."
"Homo sapiens doublecortin domain containing 2B (DCDC2B), mRNA."
"Homo sapiens dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomera
"Homo sapiens deoxycytidine kinase (DCK), mRNA."
"Homo sapiens doublecortin-like kinase 2 (DCLK2), transcript variant 1, mRNA."
"Homo sapiens DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae) (DCLRE1A), mRNA."
"Homo sapiens DNA cross-link repair 1B (PSO2 homolog, S. cerevisiae) (DCLRE1B), mRNA."
"Homo sapiens DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae) (DCLRE1C), transcript
"Homo sapiens DCP1 decapping enzyme homolog A (S. cerevisiae) (DCP1A), mRNA."
"Homo sapiens DCP1 decapping enzyme homolog B (S. cerevisiae) (DCP1B), mRNA."
"Homo sapiens DCP2 decapping enzyme homolog (S. cerevisiae) (DCP2), mRNA."
"Homo sapiens decapping enzyme, scavenger (DCPS), mRNA."
"Homo sapiens dCMP deaminase (DCTD), transcript variant 2, mRNA."
"Homo sapiens dynactin 1 (p150, glued homolog, Drosophila) (DCTN1), transcript variant 2, mR
"Homo sapiens dynactin 2 (p50) (DCTN2), mRNA."
"Homo sapiens dynactin 3 (p22) (DCTN3), transcript variant 1, mRNA."
"Homo sapiens dynactin 5 (p25) (DCTN5), mRNA."
"Homo sapiens dynactin 6 (DCTN6), mRNA."
"Homo sapiens dCTP pyrophosphatase 1 (DCTPP1), mRNA."
"Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae) (DC
"Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 3 (S. cerevisiae) (DC
"Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae) (DC
"Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 5 (S. cerevisiae) (DC
"Homo sapiens dicarbonyl/L-xylulose reductase (DCXR), mRNA."
"Homo sapiens DET1 and DDB1 associated 1 (DDA1), mRNA."
"Homo sapiens dimethylarginine dimethylaminohydrolase 1 (DDAH1), mRNA."

"Homo sapiens dimethylarginine dimethylaminohydrolase 2 (DDAH2), mRNA."
"PREDICTED: Homo sapiens damage-specific DNA binding protein 1, 127kDa (DDB1), mRNA."
"Homo sapiens damage-specific DNA binding protein 2, 48kDa (DDB2), mRNA."
"Homo sapiens dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), mRNA."
"Homo sapiens development and differentiation enhancing factor 2 (DDEF2), mRNA."
"Homo sapiens DDHD domain containing 2 (DDHD2), mRNA."
"Homo sapiens DNA-damage-inducible transcript 3 (DDIT3), mRNA."
"Homo sapiens DNA-damage-inducible transcript 4 (DDIT4), mRNA."
"Homo sapiens DNA-damage-inducible transcript 4-like (DDIT4L), mRNA."
"Homo sapiens dendrin (DDN), mRNA."
"Homo sapiens dolichyl-diphosphooligosaccharide-protein glycosyltransferase (DDOST), mRNA
"Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1), transcript variant 1, mRNA.
"Homo sapiens DDRGK domain containing 1 (DDRGK1), mRNA."
"Homo sapiens D-dopachrome tautomerase (DDT), transcript variant 1, mRNA."
"Homo sapiens D-dopachrome tautomerase-like (DDTL), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 1 (DDX1), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 10 (DDX10), mRNA."
"Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (CHL1-like helicase homolog
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 17 (DDX17), transcript variant 2, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 (DDX18), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-As) box polypeptide 19A (DDX19A), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-As) box polypeptide 19B (DDX19B), transcript variant 3, mR
"Homo sapiens DDX19-DDX19L protein (DDX19-DDX19L), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 (DDX20), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 21 (DDX21), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 24 (DDX24), mRNA."
"Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B (DDX26B), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 (DDX27), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 (DDX28), nuclear gene encoding m
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 31 (DDX31), transcript variant 2, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 (DDX39), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked (DDX3X), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked (DDX3Y), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 (DDX4), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 (DDX42), transcript variant 1, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 46 (DDX46), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 47 (DDX47), transcript variant 1, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 49 (DDX49), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 5 (DDX5), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 50 (DDX50), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 52 (DDX52), transcript variant 1, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 (DDX54), transcript variant 2, mRN

"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 55 (DDX55), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 56 (DDX56), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 (DDX58), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 59 (DDX59), transcript variant 2, mRN
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 6 (DDX6), mRNA."
"Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (DDX60), mRNA."
"Homo sapiens deaminase domain containing 1 (DEADC1), mRNA."
"Homo sapiens deformed epidermal autoregulatory factor 1 (Drosophila) (DEAF1), mRNA."
"Homo sapiens 2,4-dienoyl CoA reductase 1, mitochondrial (DECR1), nuclear gene encoding m
"Homo sapiens 2,4-dienoyl CoA reductase 2, peroxisomal (DECR2), mRNA."
"Homo sapiens death effector domain containing (DEDD), transcript variant 4, mRNA."
"Homo sapiens death effector domain containing 2 (DEDD2), mRNA."
"Homo sapiens differentially expressed in FDCP 6 homolog (mouse) (DEF6), mRNA."
"Homo sapiens differentially expressed in FDCP 8 homolog (mouse) (DEF8), transcript variant 1
"Homo sapiens defensin, beta 103B (DEFB103B), mRNA."
"Homo sapiens defensin, beta 116 (DEFB116), mRNA."
"Homo sapiens defensin, beta 122 (DEFB122) on chromosome 20."
"Homo sapiens defensin, beta 123 (DEFB123), mRNA."
"Homo sapiens defensin, beta 125 (DEFB125), mRNA."
"Homo sapiens defensin, beta 130 (DEFB130), mRNA."
"Homo sapiens defensin, beta 133 (DEFB133), mRNA."
"Homo sapiens defensin, beta 134 (DEFB134), mRNA."
"Homo sapiens defensin, beta 4 (DEFB4), mRNA."
"Homo sapiens degenerative spermatocyte homolog 1, lipid desaturase (Drosophila) (DEGS1),
"Homo sapiens degenerative spermatocyte homolog 2, lipid desaturase (Drosophila) (DEGS2),
"Homo sapiens DEK oncogene (DNA binding) (DEK), mRNA."
"Homo sapiens defects in morphology 1 homolog (S. cerevisiae) (DEM1), mRNA."
"Homo sapiens DENN/MADD domain containing 1A (DENND1A), transcript variant 1, mRNA."
"Homo sapiens DENN/MADD domain containing 1C (DENND1C), mRNA."
"Homo sapiens DENN/MADD domain containing 2C (DENND2C), mRNA."
"Homo sapiens DENN/MADD domain containing 2D (DENND2D), mRNA."
"Homo sapiens DENN/MADD domain containing 3 (DENND3), mRNA."
"Homo sapiens DENN/MADD domain containing 4A (DENND4A), mRNA."
"Homo sapiens DENN/MADD domain containing 4B (DENND4B), mRNA."
"Homo sapiens DENN/MADD domain containing 4C (DENND4C), mRNA."
"Homo sapiens DENN/MADD domain containing 5A (DENND5A), mRNA."
"Homo sapiens DENN/MADD domain containing 5B (DENND5B), mRNA."
"Homo sapiens density-regulated protein (DENR), mRNA."
"Homo sapiens DEP domain containing 1B (DEPDC1B), mRNA."
"Homo sapiens DEP domain containing 5 (DEPDC5), transcript variant 2, mRNA."
"Homo sapiens DEP domain containing 6 (DEPDC6), mRNA."
"Homo sapiens DEP domain containing 7 (DEPDC7), transcript variant 1, mRNA."
"Homo sapiens 2-deoxyribose-5-phosphate aldolase homolog (C. elegans) (DERA), mRNA."
"Homo sapiens Der1-like domain family, member 1 (DERL1), mRNA."

"Homo sapiens Der1-like domain family, member 2 (DERL2), mRNA."
"Homo sapiens Der1-like domain family, member 3 (DERL3), transcript variant 1, mRNA."
"Homo sapiens de-etiolated homolog 1 (Arabidopsis) (DET1), mRNA."
"Homo sapiens Dexi homolog (mouse) (DEXI), mRNA."
"Homo sapiens DNA fragmentation factor, 45kDa, alpha polypeptide (DFFA), transcript variant 1
"Homo sapiens DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)
"Homo sapiens deafness, autosomal dominant 5 (DFNA5), transcript variant 1, mRNA."
"Homo sapiens deafness, autosomal recessive 31 (DFNB31), mRNA."
"Homo sapiens deafness, autosomal recessive 59 (DFNB59), mRNA."
"Homo sapiens diacylglycerol O-acyltransferase homolog 1 (mouse) (DGAT1), mRNA."
"Homo sapiens diacylglycerol O-acyltransferase homolog 2 (mouse) (DGAT2), mRNA."
"Homo sapiens DiGeorge syndrome critical region gene 14 (DGCR14), mRNA."
"Homo sapiens DiGeorge syndrome critical region gene 2 (DGCR2), mRNA."
"Homo sapiens DiGeorge syndrome critical region gene 6 (DGCR6), mRNA."
"Homo sapiens DiGeorge syndrome critical region gene 6-like (DGCR6L), mRNA."
"Homo sapiens DiGeorge syndrome critical region gene 8 (DGCR8), mRNA."
"Homo sapiens diacylglycerol kinase, alpha 80kDa (DGKA), transcript variant 1, mRNA."
"Homo sapiens diacylglycerol kinase, delta 130kDa (DGKD), transcript variant 2, mRNA."
"Homo sapiens diacylglycerol kinase, epsilon 64kDa (DGKE), mRNA."
"Homo sapiens diacylglycerol kinase, theta 110kDa (DGKQ), mRNA."
"Homo sapiens deoxyguanosine kinase (DGUOK), nuclear gene encoding mitochondrial protein
"Homo sapiens 24-dehydrocholesterol reductase (DHCR24), mRNA."
"Homo sapiens 7-dehydrocholesterol reductase (DHCR7), mRNA."
"Homo sapiens dehydrodolichyl diphosphate synthase (DHDDS), transcript variant 2, mRNA."
"Homo sapiens dihydrodiol dehydrogenase (dimeric) (DHDH), mRNA."
"Homo sapiens dihydrofolate reductase (DHFR), mRNA."
"Homo sapiens desert hedgehog homolog (Drosophila) (DHH), mRNA."
"Homo sapiens dihydroorotate dehydrogenase (DHODH), nuclear gene encoding mitochondrial
"Homo sapiens dehydrogenase/reductase (SDR family) member 1 (DHRS1), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 11 (DHRS11), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 12 (DHRS12), transcript varian
"Homo sapiens dehydrogenase/reductase (SDR family) member 13 (DHRS13), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 2 (DHRS2), transcript variant 1
"Homo sapiens dehydrogenase/reductase (SDR family) member 4 (DHRS4), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 4 like 2 (DHRS4L2), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 7 (DHRS7), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 7B (DHRS7B), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) member 7C (DHRS7C), mRNA."
"Homo sapiens dehydrogenase/reductase (SDR family) X-linked (DHRSX), mRNA."
"Homo sapiens dehydrogenase E1 and transketolase domain containing 1 (DHTKD1), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 15 (DHX15), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 16 (DHX16), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 29 (DHX29), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 30 (DHX30), transcript variant 1, mRN

"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 32 (DHX32), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 33 (DHX33), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 34 (DHX34), transcript variant 2, mRN
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 35 (DHX35), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 36 (DHX36), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 37 (DHX37), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 38 (DHX38), mRNA."
"PREDICTED: Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 40, transcript variant 2 (
"Homo sapiens DEXH (Asp-Glu-X-His) box polypeptide 58 (DHX58), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 8 (DHX8), mRNA."
"Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 9 (DHX9), mRNA."
"Homo sapiens diablo homolog (Drosophila) (DIABLO), nuclear gene encoding mitochondrial pr
"Homo sapiens diaphanous homolog 1 (Drosophila) (DIAPH1), mRNA."
"Homo sapiens diaphanous homolog 3 (Drosophila) (DIAPH3), transcript variant 1, mRNA."
"Homo sapiens Dicer1, Dcr-1 homolog (Drosophila) (DICER1), transcript variant 1, mRNA."
"Homo sapiens death inducer-obliterator 1 (DIDO1), transcript variant 3, mRNA."
"Homo sapiens DIM1 dimethyladenosine transferase 1-like (S. cerevisiae) (DIMT1L), mRNA."
"Homo sapiens DIP2 disco-interacting protein 2 homolog A (Drosophila) (DIP2A), transcript varia
"Homo sapiens DIP2 disco-interacting protein 2 homolog B (Drosophila) (DIP2B), mRNA."
"Homo sapiens DIP2 disco-interacting protein 2 homolog C (Drosophila) (DIP2C), mRNA."
"Homo sapiens DIRAS family, GTP-binding RAS-like 1 (DIRAS1), mRNA."
"Homo sapiens DIRAS family, GTP-binding RAS-like 3 (DIRAS3), mRNA."
"Homo sapiens disrupted in renal carcinoma 1 (DIRC1), mRNA."
"Homo sapiens disrupted in renal carcinoma 2 (DIRC2), mRNA."
"Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like (DIS3L), mRNA."
"Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like 2 (DIS3L2), mRNA."
"Homo sapiens dispatched homolog 1 (Drosophila) (DISP1), mRNA."
"Homo sapiens dispatched homolog 2 (Drosophila) (DISP2), mRNA."
"Homo sapiens DIX domain containing 1 (DIXDC1), transcript variant 1, mRNA."
Homo sapiens similar to CGI-96 (dJ222E13.2) on chromosome 22.
"Homo sapiens dJ341D10.1 (novel protein) (dJ341D10.1), mRNA."
"Homo sapiens dyskeratosis congenita 1, dyskerin (DKC1), mRNA."
"PREDICTED: Homo sapiens DKFZP434A062 protein (DKFZP434A062), mRNA."
"PREDICTED: Homo sapiens hypothetical protein DKFZp434J1015 (DKFZp434J1015), mRNA."
"Homo sapiens hypothetical protein DKFZp434K191 (DKFZp434K191), mRNA."
"PREDICTED: Homo sapiens DKFZP434L187 protein (DKFZP434L187), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441452 (DKFZp434M131), mRNA."
"Homo sapiens hypothetical protein DKFZp434N035 (DKFZp434N035), mRNA."
"Homo sapiens DKFZp451A211 protein (DKFZp451A211), mRNA."
"PREDICTED: Homo sapiens hypothetical protein DKFZp547K054 (DKFZp547K054), mRNA."
"PREDICTED: Homo sapiens DKFZP564C196 protein (DKFZP564C196), mRNA."
"Homo sapiens hypothetical protein DKFZp564O0523 (DKFZP564O0523), mRNA."
"Homo sapiens hypothetical protein DKFZp586I1420 (DKFZP586I1420), non-coding RNA."
"Homo sapiens hypothetical protein DKFZp667M2411 (DKFZp667M2411), mRNA."

"PREDICTED: Homo sapiens similar to Formin-1 isoforms I/II/III (Limb deformity protein) (DKFZ
"Homo sapiens hypothetical protein LOC643155 (DKFZP686E2158), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BX648962 (DKFZp686K1684), m
"PREDICTED: Homo sapiens hypothetical gene supported by BC043549; BX648102 (DKFZp68
"Homo sapiens hypothetical protein DKFZp686O24166 (DKFZp686O24166), mRNA."
"PREDICTED: Homo sapiens hypothetical protein DKFZp761O2018 (DKFZp761O2018), mRNA
"PREDICTED: Homo sapiens hypothetical protein DKFZp761P0423 (DKFZp761P0423), mRNA
"PREDICTED: Homo sapiens similar to KIAA1074 protein, transcript variant 4 (DKFZp779B163
"PREDICTED: Homo sapiens hypothetical protein DKFZp779M0652 (DKFZp779M0652), mRNA
"Homo sapiens dickkopf-like 1 (soggy) (DKKL1), mRNA."
"Homo sapiens dihydrolipoamide S-acetyltransferase (DLAT), mRNA."
"Homo sapiens dihydrolipoamide dehydrogenase (DLD), mRNA."
"Homo sapiens deleted in lymphocytic leukemia 1 (non-protein coding) (DLEU1), non-coding RN
"Homo sapiens deleted in lymphocytic leukemia 2 (non-protein coding) (DLEU2), non-coding RN
"Homo sapiens deleted in lymphocytic leukemia 2-like (DLEU2L), non-coding RNA."
"Homo sapiens discs, large homolog 1 (Drosophila) (DLG1), transcript variant 1, mRNA."
"Homo sapiens discs, large homolog 2, chapsyn-110 (Drosophila) (DLG2), mRNA."
"Homo sapiens discs, large homolog 3 (Drosophila) (DLG3), transcript variant 1, mRNA."
"Homo sapiens discs, large homolog 4 (Drosophila) (DLG4), mRNA."
"Homo sapiens discs, large (Drosophila) homolog-associated protein 4 (DLGAP4), transcript var
"Homo sapiens discs, large (Drosophila) homolog-associated protein 5 (DLGAP5), mRNA."
"Homo sapiens delta-like 2 homolog (Drosophila) (DLK2), transcript variant 2, mRNA."
"Homo sapiens delta-like 1 (Drosophila) (DLL1), mRNA."
"Homo sapiens delta-like 3 (Drosophila) (DLL3), transcript variant 1, mRNA."
"Homo sapiens dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate comp
"Homo sapiens distal-less homeobox 1 (DLX1), transcript variant 2, mRNA."
"Homo sapiens distal-less homeobox 2 (DLX2), mRNA."
"Homo sapiens DLX6 antisense RNA (non-protein coding) (DLX6AS), non-coding RNA."
"Homo sapiens DNA methyltransferase 1 associated protein 1 (DMAP1), transcript variant 2, mR
"Homo sapiens diencephalon/mesencephalon homeobox 1 (DMBX1), transcript variant 1, mRNA
"Homo sapiens DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recor
"Homo sapiens dermokine (DMKN), transcript variant 1, mRNA."
"Homo sapiens doublesex and mab-3 related transcription factor 1 (DMRT1), mRNA."
"Homo sapiens DMRT-like family A1 (DMRTA1), mRNA."
"Homo sapiens DMRT-like family A2 (DMRTA2), mRNA."
"Homo sapiens cyclin D binding myb-like transcription factor 1 (DMTF1), mRNA."
"Homo sapiens dystrophia myotonica, WD repeat containing (DMWD), mRNA."
"Homo sapiens Dmx-like 1 (DMXL1), mRNA."
"Homo sapiens Dmx-like 2 (DMXL2), mRNA."
"Homo sapiens DNA replication helicase 2 homolog (yeast) (DNA2), mRNA."
"Homo sapiens dynein, axonemal, heavy chain 2 (DNAH2), mRNA."
"Homo sapiens dynein, axonemal, heavy chain 3 (DNAH3), mRNA."
"Homo sapiens dynein, axonemal, intermediate chain 1 (DNAI1), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 1 (DNAJA1), mRNA."

"Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 2 (DNAJA2), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 3 (DNAJA3), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 4 (DNAJA4), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 1 (DNAJB1), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 11 (DNAJB11), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 12 (DNAJB12), transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 14 (DNAJB14), transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 2 (DNAJB2), transcript variant 2,
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 4 (DNAJB4), mRNA."
"PREDICTED: Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 5, transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 6 (DNAJB6), transcript variant 2,
"Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 9 (DNAJB9), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 1 (DNAJC1), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 10 (DNAJC10), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 11 (DNAJC11), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 12 (DNAJC12), transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 14 (DNAJC14), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 15 (DNAJC15), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 16 (DNAJC16), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 17 (DNAJC17), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 18 (DNAJC18), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 19 (DNAJC19), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 2 (DNAJC2), transcript variant 1,
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 21 (DNAJC21), transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 22 (DNAJC22), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 24 (DNAJC24), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C , member 25 (DNAJC25), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 27 (DNAJC27), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 28 (DNAJC28), transcript variant
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 3 (DNAJC3), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 30 (DNAJC30), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 4 (DNAJC4), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 5 (DNAJC5), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 5 beta (DNAJC5B), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 6 (DNAJC6), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 7 (DNAJC7), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 8 (DNAJC8), mRNA."
"Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 9 (DNAJC9), mRNA."
"Homo sapiens dynein, axonemal, light chain 1 (DNAL1), mRNA."
"Homo sapiens dynein, axonemal, light chain 4 (DNAL4), mRNA."
"Homo sapiens dynein, axonemal, light intermediate chain 1 (DNALI1), mRNA."
"Homo sapiens deoxyribonuclease I (DNASE1), mRNA."
"Homo sapiens deoxyribonuclease I-like 1 (DNASE1L1), transcript variant 1, mRNA."
"Homo sapiens deoxyribonuclease I-like 2 (DNASE1L2), mRNA."

"Homo sapiens deoxyribonuclease I-like 3 (DNASE1L3), mRNA."
"Homo sapiens deoxyribonuclease II, lysosomal (DNASE2), mRNA."
"Homo sapiens dynein, cytoplasmic, light polypeptide 1 (DNCL1), mRNA."
"Homo sapiens delta/notch-like EGF repeat containing (DNER), mRNA."
"Homo sapiens dynein heavy chain domain 1 (DNHD1), mRNA."
"PREDICTED: Homo sapiens dynein heavy chain domain 2 (DNHD2), mRNA."
"Homo sapiens DNL-type zinc finger (DNLZ), mRNA."
"Homo sapiens dynamin 1-like (DNM1L), transcript variant 1, mRNA."
"Homo sapiens dynamin 2 (DNM2), transcript variant 3, mRNA."
"Homo sapiens dynamin 3 (DNM3), mRNA."
"Homo sapiens DNA (cytosine-5-)-methyltransferase 1 (DNMT1), mRNA."
"Homo sapiens DNA (cytosine-5-)-methyltransferase 3 alpha (DNMT3A), transcript variant 4, mR
"Homo sapiens DNA (cytosine-5-)-methyltransferase 3 beta (DNMT3B), transcript variant 1, mR
"Homo sapiens DNA (cytosine-5-)-methyltransferase 3-like (DNMT3L), transcript variant 2, mRN
"Homo sapiens aspartyl aminopeptidase (DNPEP), mRNA."
"Homo sapiens deoxynucleotidyltransferase, terminal (DNTT), transcript variant 2, mRNA."
"Homo sapiens deoxynucleotidyltransferase, terminal, interacting protein 1 (DNTTIP1), mRNA."
"Homo sapiens deoxynucleotidyltransferase, terminal, interacting protein 2 (DNTTIP2), mRNA."
"Homo sapiens double C2-like domains, alpha (DOC2A), mRNA."
"Homo sapiens dedicator of cytokinesis 10 (DOCK10), mRNA."
"Homo sapiens dedicator of cytokinesis 11 (DOCK11), mRNA."
"Homo sapiens dedicator of cytokinesis 2 (DOCK2), mRNA."
"Homo sapiens dedicator of cytokinesis 6 (DOCK6), mRNA."
"Homo sapiens dedicator of cytokinesis 7 (DOCK7), mRNA."
"Homo sapiens dedicator of cytokinesis 8 (DOCK8), mRNA."
"Homo sapiens dedicator of cytokinesis 9 (DOCK9), mRNA."
"Homo sapiens deoxyhypusine hydroxylase/monooxygenase (DOHH), mRNA."
"Homo sapiens docking protein 3 (DOK3), mRNA."
"Homo sapiens docking protein 4 (DOK4), mRNA."
"Homo sapiens docking protein 6 (DOK6), mRNA."
"Homo sapiens dolichol kinase (DOLK), mRNA."
"Homo sapiens dolichyl pyrophosphate phosphatase 1 (DOLPP1), mRNA."
"Homo sapiens dom-3 homolog Z (C. elegans) (DOM3Z), mRNA."
"Homo sapiens downstream neighbor of SON (DONSON), mRNA."
"Homo sapiens dopey family member 1 (DOPEY1), mRNA."
"Homo sapiens dopey family member 2 (DOPEY2), mRNA."
"Homo sapiens DOT1-like, histone H3 methyltransferase (S. cerevisiae) (DOT1L), mRNA."
"Homo sapiens dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotra
"Homo sapiens diffuse panbronchiolitis critical region 1 (DPCR1), mRNA."
"Homo sapiens dipeptidase 2 (DPEP2), mRNA."
"Homo sapiens D4, zinc and double PHD fingers family 1 (DPF1), mRNA."
"Homo sapiens D4, zinc and double PHD fingers family 2 (DPF2), mRNA."
"Homo sapiens D4, zinc and double PHD fingers, family 3 (DPF3), mRNA."
"Homo sapiens DPH1 homolog (S. cerevisiae) (DPH1), mRNA."

"Homo sapiens DPH2 homolog (S. cerevisiae) (DPH2), transcript variant 1, mRNA."
"Homo sapiens DPH3, KTI11 homolog (S. cerevisiae) (DPH3), transcript variant 2, mRNA."
"Homo sapiens DPH5 homolog (S. cerevisiae) (DPH5), transcript variant 3, mRNA."
"Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit (DPM1
"Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit (DPM
"Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 3 (DPM3), transcript variar
"Homo sapiens dipeptidyl-peptidase 10 (DPP10), transcript variant 2, mRNA."
"Homo sapiens dipeptidyl-peptidase 3 (DPP3), transcript variant 1, mRNA."
"Homo sapiens dipeptidyl-peptidase 7 (DPP7), mRNA."
"Homo sapiens dipeptidyl-peptidase 8 (DPP8), transcript variant 2, mRNA."
"Homo sapiens dipeptidyl-peptidase 9 (DPP9), mRNA."
"Homo sapiens divergent-paired related homeobox pseudogene 4 (DPRXP4), non-coding RNA."
"Homo sapiens dpy-19-like 1 (C. elegans) (DPY19L1), mRNA."
"Homo sapiens dpy-19-like 3 (C. elegans) (DPY19L3), mRNA."
"Homo sapiens dpy-19-like 4 (C. elegans) (DPY19L4), mRNA."
"Homo sapiens dpy-30 homolog (C. elegans) (DPY30), mRNA."
"Homo sapiens dihydropyrimidine dehydrogenase (DPYD), transcript variant 1, mRNA."
"Homo sapiens dihydropyrimidinase-like 2 (DPYSL2), mRNA."
"Homo sapiens dihydropyrimidinase-like 3 (DPYSL3), mRNA."
"Homo sapiens down-regulator of transcription 1, TBP-binding (negative cofactor 2) (DR1), mRN
"Homo sapiens DNA-damage regulated autophagy modulator 1 (DRAM1), mRNA."
"Homo sapiens DR1-associated protein 1 (negative cofactor 2 alpha) (DRAP1), mRNA."
"Homo sapiens dopamine receptor D1 interacting protein (DRD1IP), mRNA."
"Homo sapiens dopamine receptor D4 (DRD4), mRNA."
"Homo sapiens developmentally regulated GTP binding protein 1 (DRG1), mRNA."
"Homo sapiens developmentally regulated GTP binding protein 2 (DRG2), mRNA."
"Homo sapiens desmocollin 1 (DSC1), transcript variant Dsc1b, mRNA."
"Homo sapiens desmocollin 2 (DSC2), transcript variant Dsc2b, mRNA."
"Homo sapiens desmocollin 3 (DSC3), transcript variant Dsc3a, mRNA."
"Homo sapiens Down syndrome cell adhesion molecule like 1 (DSCAML1), mRNA."
"Homo sapiens defective in sister chromatid cohesion 1 homolog (S. cerevisiae) (DSCC1), mRN
"Homo sapiens Down syndrome critical region gene 3 (DSCR3), mRNA."
"Homo sapiens desmoglein 2 (DSG2), mRNA."
"Homo sapiens desmoglein 3 (pemphigus vulgaris antigen) (DSG3), mRNA."
"Homo sapiens DSN1, MIND kinetochore complex component, homolog (S. cerevisiae) (DSN1),
"Homo sapiens destrin (actin depolymerizing factor) (DSTN), transcript variant 1, mRNA."
"Homo sapiens dual serine/threonine and tyrosine protein kinase (DSTYK), transcript variant 1,
"Homo sapiens D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae) (DTD1), nuclear gene enco
"Homo sapiens denticleless homolog (Drosophila) (DTL), mRNA."
"Homo sapiens dystrobrevin, alpha (DTNA), transcript variant 8, mRNA."
"Homo sapiens dystrobrevin, beta (DTNB), transcript variant 1, mRNA."
"Homo sapiens dystrobrevin binding protein 1 (DTNBP1), transcript variant 1, mRNA."
"Homo sapiens DTW domain containing 1 (DTWD1), mRNA."
"Homo sapiens DTW domain containing 2 (DTWD2), mRNA."

"Homo sapiens deltex homolog 1 (Drosophila) (DTX1), mRNA."
"Homo sapiens deltex homolog 2 (Drosophila) (DTX2), mRNA."
"Homo sapiens deltex homolog 3 (Drosophila) (DTX3), mRNA."
"Homo sapiens deltex 3-like (Drosophila) (DTX3L), mRNA."
"Homo sapiens deltex homolog 4 (Drosophila) (DTX4), mRNA."
"Homo sapiens deoxythymidylate kinase (thymidylate kinase) (DTYMK), mRNA."
"Homo sapiens dullard homolog (Xenopus laevis) (DULLARD), mRNA."
"Homo sapiens dihydrouridine synthase 1-like (S. cerevisiae) (DUS1L), mRNA."
"Homo sapiens dihydrouridine synthase 2-like, SMM1 homolog (S. cerevisiae) (DUS2L), mRNA.
"Homo sapiens dihydrouridine synthase 3-like (S. cerevisiae) (DUS3L), mRNA."
"Homo sapiens dihydrouridine synthase 4-like (S. cerevisiae) (DUS4L), mRNA."
"Homo sapiens dual specificity phosphatase 1 (DUSP1), mRNA."
"Homo sapiens dual specificity phosphatase 10 (DUSP10), transcript variant 1, mRNA."
"Homo sapiens dual specificity phosphatase 11 (RNA/RNP complex 1-interacting) (DUSP11), m
"Homo sapiens dual specificity phosphatase 12 (DUSP12), mRNA."
"Homo sapiens dual specificity phosphatase 14 (DUSP14), mRNA."
"Homo sapiens dual specificity phosphatase 15 (DUSP15), transcript variant 1, mRNA."
"Homo sapiens dual specificity phosphatase 16 (DUSP16), mRNA."
"Homo sapiens dual specificity phosphatase 18 (DUSP18), mRNA."
"Homo sapiens dual specificity phosphatase 19 (DUSP19), mRNA."
"Homo sapiens dual specificity phosphatase 2 (DUSP2), mRNA."
"Homo sapiens dual specificity phosphatase 22 (DUSP22), mRNA."
"Homo sapiens dual specificity phosphatase 23 (DUSP23), mRNA."
"Homo sapiens dual specificity phosphatase 26 (putative) (DUSP26), mRNA."
"Homo sapiens dual specificity phosphatase 28 (DUSP28), mRNA."
"Homo sapiens dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) (DUSP
"Homo sapiens dual specificity phosphatase 5 (DUSP5), mRNA."
"Homo sapiens dual specificity phosphatase 7 (DUSP7), mRNA."
"Homo sapiens dual specificity phosphatase 8 (DUSP8), mRNA."
"Homo sapiens dual specificity phosphatase 9 (DUSP9), mRNA."
"Homo sapiens deoxyuridine triphosphatase (DUT), nuclear gene encoding mitochondrial protei
"Homo sapiens double homeobox, 3 (DUX3), mRNA."
Homo sapiens double homeobox A pseudogene 3 (DUXAP3) on chromosome 10.
"Homo sapiens dishevelled, dsh homolog 1 (Drosophila) (DVL1), transcript variant 3, mRNA."
"Homo sapiens dishevelled, dsh homolog 2 (Drosophila) (DVL2), mRNA."
"Homo sapiens dishevelled, dsh homolog 3 (Drosophila) (DVL3), mRNA."
"Homo sapiens dymeclin (DYM), mRNA."
"Homo sapiens dynein, cytoplasmic 1, heavy chain 1 (DYNC1H1), mRNA."
"Homo sapiens dynein, cytoplasmic 1, intermediate chain 1 (DYNC1I1), mRNA."
"Homo sapiens dynein, cytoplasmic 1, intermediate chain 2 (DYNC1I2), mRNA."
"Homo sapiens dynein, cytoplasmic 1, light intermediate chain 2 (DYNC1LI2), mRNA."
"Homo sapiens dynein, cytoplasmic 2, heavy chain 1 (DYNC2H1), mRNA."
"Homo sapiens dynein, cytoplasmic 2, light intermediate chain 1 (DYNC2LI1), transcript variant
"Homo sapiens dynein, light chain, LC8-type 1 (DYNLL1), transcript variant 1, mRNA."

"Homo sapiens dynein, light chain, LC8-type 2 (DYNLL2), mRNA."
"Homo sapiens dynein, light chain, roadblock-type 1 (DYNLRB1), mRNA."
"Homo sapiens dynein, light chain, Tctex-type 1 (DYNLT1), mRNA."
"Homo sapiens dynein, light chain, Tctex-type 3 (DYNLT3), mRNA."
"Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A (DYRK1A), tra
"Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B (DYRK1B), tra
"Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2), transc
"Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3 (DYRK3), transc
"Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4 (DYRK4), mRNA
"Homo sapiens dyslexia susceptibility 1 candidate 1 (DYX1C1), transcript variant 1, mRNA."
"Homo sapiens E2F transcription factor 1 (E2F1), mRNA."
"Homo sapiens E2F transcription factor 2 (E2F2), mRNA."
"Homo sapiens E2F transcription factor 3 (E2F3), mRNA."
"Homo sapiens E2F transcription factor 4, p107/p130-binding (E2F4), mRNA."
"Homo sapiens E2F transcription factor 5, p130-binding (E2F5), transcript variant 1, mRNA."
"Homo sapiens E2F transcription factor 6 (E2F6), mRNA."
"Homo sapiens E2F transcription factor 7 (E2F7), mRNA."
"Homo sapiens E2F transcription factor 8 (E2F8), mRNA."
"Homo sapiens E4F transcription factor 1 (E4F1), mRNA."
"Homo sapiens ELL associated factor 1 (EAF1), mRNA."
"Homo sapiens ELL associated factor 2 (EAF2), mRNA."
"Homo sapiens E2F-associated phosphoprotein (EAPP), mRNA."
"Homo sapiens glutamyl-tRNA synthetase 2, mitochondrial (putative) (EARS2), transcript varian
"Homo sapiens estrogen receptor binding site associated, antigen, 9 (EBAG9), transcript varian
"Homo sapiens early B-cell factor 1 (EBF1), mRNA."
"Homo sapiens early B-cell factor 3 (EBF3), mRNA."
"Homo sapiens early B-cell factor 4 (EBF4), mRNA."
"Homo sapiens Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled recep
"Homo sapiens Epstein-Barr virus induced 3 (EBI3), mRNA."
"Homo sapiens EBNA1 binding protein 2 (EBNA1BP2), mRNA."
"Homo sapiens emopamil binding protein (sterol isomerase) (EBP), mRNA."
"Homo sapiens emopamil binding protein-like (EBPL), mRNA."
"Homo sapiens ES cell associated transcript 8 (ECAT8), mRNA."
"Homo sapiens ecdysoneless homolog (Drosophila) (ECD), mRNA."
"Homo sapiens endothelin converting enzyme 1 (ECE1), mRNA."
"Homo sapiens endothelin converting enzyme 2 (ECE2), transcript variant 1, mRNA."
"Homo sapiens endothelial cell growth factor 1 (platelet-derived) (ECGF1), mRNA."
"Homo sapiens enoyl Coenzyme A hydratase 1, peroxisomal (ECH1), mRNA."
"Homo sapiens enoyl Coenzyme A hydratase domain containing 1 (ECHDC1), mRNA."
"Homo sapiens enoyl Coenzyme A hydratase domain containing 3 (ECHDC3), mRNA."
"Homo sapiens enoyl Coenzyme A hydratase, short chain, 1, mitochondrial (ECHS1), nuclear ge
"Homo sapiens EGFR-coamplified and overexpressed protein (ECOP), mRNA."
"Homo sapiens ECSIT homolog (Drosophila) (ECSIT), mRNA."
"Homo sapiens epithelial cell transforming sequence 2 oncogene (ECT2), mRNA."

"Homo sapiens epithelial cell transforming sequence 2 oncogene-like (ECT2L), mRNA."
"Homo sapiens ectodysplasin A receptor (EDAR), mRNA."
"Homo sapiens enhancer of mRNA decapping 3 homolog (S. cerevisiae) (EDC3), mRNA."
"Homo sapiens ER degradation enhancer, mannosidase alpha-like 1 (EDEM1), mRNA."
"Homo sapiens ER degradation enhancer, mannosidase alpha-like 2 (EDEM2), mRNA."
"Homo sapiens ER degradation enhancer, mannosidase alpha-like 3 (EDEM3), mRNA."
"Homo sapiens endothelial differentiation-related factor 1 (EDF1), transcript variant alpha, mRN
"Homo sapiens endothelial differentiation, sphingolipid G-protein-coupled receptor, 1 (EDG1), m
"Homo sapiens endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 (
"Homo sapiens endothelin 2 (EDN2), mRNA."
"Homo sapiens early endosome antigen 1, 162kD (EEA1), mRNA."
"Homo sapiens embryonic ectoderm development (EED), transcript variant 1, mRNA."
"Homo sapiens eukaryotic translation elongation factor 1 alpha 2 (EEF1A2), mRNA."
"Homo sapiens eukaryotic translation elongation factor 1 alpha-like 7 (EEF1AL7), non-coding RI
"Homo sapiens eukaryotic translation elongation factor 1 beta 2 (EEF1B2), transcript variant 2, r
"Homo sapiens eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange pr
"Homo sapiens eukaryotic translation elongation factor 1 gamma (EEF1G), mRNA. XM_935976
"Homo sapiens eukaryotic translation elongation factor 2 (EEF2), mRNA."
"Homo sapiens eukaryotic elongation factor-2 kinase (EEF2K), mRNA."
"Homo sapiens eukaryotic elongation factor, selenocysteine-tRNA-specific (EEFSEC), mRNA."
"Homo sapiens endonuclease/exonuclease/phosphatase family domain containing 1 (EEPD1), r
"Homo sapiens EF-hand calcium binding domain 3 (EFCAB3), mRNA."
"Homo sapiens EF-hand calcium binding domain 4A (EFCAB4A), mRNA."
"Homo sapiens EF-hand calcium binding domain 7 (EFCAB7), mRNA."
"Homo sapiens EGF-containing fibulin-like extracellular matrix protein 2 (EFEMP2), mRNA."
"Homo sapiens EF-hand domain family, member A1 (EFHA1), mRNA."
"Homo sapiens EF-hand domain (C-terminal) containing 1 (EFHC1), mRNA."
"Homo sapiens EF-hand domain family, member D1 (EFHD1), mRNA."
"Homo sapiens EF-hand domain family, member D2 (EFHD2), mRNA."
"Homo sapiens ephrin-A1 (EFNA1), transcript variant 1, mRNA."
"Homo sapiens ephrin-A2 (EFNA2), mRNA."
"Homo sapiens ephrin-A4 (EFNA4), transcript variant 1, mRNA."
"Homo sapiens ephrin-B1 (EFNB1), mRNA."
"Homo sapiens ephrin-B2 (EFNB2), mRNA."
"Homo sapiens ephrin-B3 (EFNB3), mRNA."
"Homo sapiens EFR3 homolog A (S. cerevisiae) (EFR3A), mRNA."
"Homo sapiens EFR3 homolog B (S. cerevisiae) (EFR3B), mRNA."
"Homo sapiens elongation factor Tu GTP binding domain containing 1 (EFTUD1), transcript vari
"Homo sapiens elongation factor Tu GTP binding domain containing 2 (EFTUD2), mRNA."
"Homo sapiens EGF-like-domain, multiple 7 (EGFL7), transcript variant 2, mRNA."
"Homo sapiens egl nine homolog 1 (C. elegans) (EGLN1), mRNA."
"Homo sapiens eosinophil granule ontogeny transcript (non-protein coding) (EGOT), non-coding
"Homo sapiens early growth response 1 (EGR1), mRNA."
"Homo sapiens early growth response 2 (Krox-20 homolog, Drosophila) (EGR2), mRNA."

"Homo sapiens early growth response 3 (EGR3), mRNA."
"Homo sapiens EH domain binding protein 1 (EHBP1), mRNA."
"Homo sapiens EH domain binding protein 1-like 1 (EHBP1L1), mRNA."
"Homo sapiens EH-domain containing 1 (EHD1), mRNA."
"Homo sapiens EH-domain containing 3 (EHD3), mRNA."
"Homo sapiens EH-domain containing 4 (EHD4), mRNA."
"Homo sapiens enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase (EHI
"PREDICTED: Homo sapiens euchromatic histone-lysine N-methyltransferase 1, transcript varia
"Homo sapiens euchromatic histone-lysine N-methyltransferase 2 (EHMT2), transcript variant N
"Homo sapiens etoposide induced 2.4 mRNA (EI24), transcript variant 1, mRNA."
"Homo sapiens EP300 interacting inhibitor of differentiation 1 (EID1), mRNA."
"Homo sapiens EP300 interacting inhibitor of differentiation 2B (EID2B), mRNA."
"Homo sapiens EP300 interacting inhibitor of differentiation 3 (EID3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 1 (EIF1), mRNA."
"Homo sapiens eukaryotic translation initiation factor 1A domain containing (EIF1AD), mRNA."
"PREDICTED: Homo sapiens eukaryotic translation initiation factor 1A, X-linked (EIF1AX), mRN
"Homo sapiens eukaryotic translation initiation factor 1A, Y-linked (EIF1AY), mRNA."
"Homo sapiens eukaryotic translation initiation factor 1B (EIF1B), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2A, 65kDa (EIF2A), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 1 (EIF2AK1), transcript vari
"Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 2 (EIF2AK2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 3 (EIF2AK3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2 alpha kinase 4 (EIF2AK4), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa (EIF2B1), mRN
"Homo sapiens eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa (EIF2B2), mRNA
"Homo sapiens eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa (EIF2B3), mI
"Homo sapiens eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), trans
"Homo sapiens eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa (EIF2B5), mF
"Homo sapiens eukaryotic translation initiation factor 2C, 1 (EIF2C1), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2C, 2 (EIF2C2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2C, 3 (EIF2C3), transcript variant 2, mRNA
"Homo sapiens eukaryotic translation initiation factor 2C, 4 (EIF2C4), mRNA."
"Homo sapiens eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa (EIF2S1), mRNA
"Homo sapiens eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa (EIF2S2), mRNA.
"Homo sapiens eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa (EIF2S3), mRI
"Homo sapiens eukaryotic translation initiation factor 3, subunit A (EIF3A), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit B (EIF3B), transcript variant 1, n
"Homo sapiens eukaryotic translation initiation factor 3, subunit C (EIF3C), transcript variant 2, r
"Homo sapiens eukaryotic translation initiation factor 3, subunit C-like (EIF3CL), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit D (EIF3D), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit E (EIF3E), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit F (EIF3F), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit G (EIF3G), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit H (EIF3H), mRNA."

"Homo sapiens eukaryotic translation initiation factor 3, subunit I (EIF3I), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit J (EIF3J), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit K (EIF3K), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit L (EIF3L), mRNA."
"Homo sapiens eukaryotic translation initiation factor 3, subunit M (EIF3M), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4A, isoform 1 (EIF4A1), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4A, isoform 2 (EIF4A2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4A, isoform 3 (EIF4A3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4B (EIF4B), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E (EIF4E), transcript variant 1, mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E family member 2 (EIF4E2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E family member 3 (EIF4E3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E binding protein 1 (EIF4EBP1), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E binding protein 2 (EIF4EBP2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E binding protein 3 (EIF4EBP3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4E nuclear import factor 1 (EIF4ENIF1), m
"Homo sapiens eukaryotic translation initiation factor 4 gamma, 1 (EIF4G1), transcript variant 1,
"Homo sapiens eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), transcript variant 1,
"Homo sapiens eukaryotic translation initiation factor 4 gamma, 3 (EIF4G3), mRNA."
"Homo sapiens eukaryotic translation initiation factor 4H (EIF4H), transcript variant 2, mRNA."
"Homo sapiens eukaryotic translation initiation factor 5 (EIF5), transcript variant 2, mRNA."
"Homo sapiens eukaryotic translation initiation factor 5A (EIF5A), mRNA."
"Homo sapiens eukaryotic translation initiation factor 5A2 (EIF5A2), mRNA."
"Homo sapiens eukaryotic translation initiation factor 6 (EIF6), transcript variant 4, mRNA."
"Homo sapiens elastase 3A, pancreatic (ELA3A), mRNA."
"Homo sapiens elaC homolog 1 (E. coli) (ELAC1), mRNA."
"Homo sapiens elaC homolog 2 (E. coli) (ELAC2), mRNA."
"Homo sapiens elastase, neutrophil expressed (ELANE), mRNA."
"Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) (ELA
"Homo sapiens E74-like factor 1 (ets domain transcription factor) (ELF1), mRNA."
"Homo sapiens E74-like factor 3 (ets domain transcription factor, epithelial-specific) (ELF3), mF
"Homo sapiens E74-like factor 4 (ets domain transcription factor) (ELF4), mRNA."
"Homo sapiens extracellular leucine-rich repeat and fibronectin type III domain containing 2 (ELF
"Homo sapiens ELK1, member of ETS oncogene family (ELK1), mRNA."
"Homo sapiens ELK3, ETS-domain protein (SRF accessory protein 2) (ELK3), mRNA."
"Homo sapiens ELK4, ETS-domain protein (SRF accessory protein 1) (ELK4), transcript variant
"Homo sapiens elongation factor RNA polymerase II (ELL), mRNA."
"Homo sapiens elongation factor, RNA polymerase II, 2 (ELL2), mRNA."
"Homo sapiens elongation factor RNA polymerase II-like 3 (ELL3), mRNA."
"Homo sapiens engulfment and cell motility 1 (ELMO1), transcript variant 1, mRNA."
"Homo sapiens engulfment and cell motility 2 (ELMO2), transcript variant 2, mRNA."
"Homo sapiens engulfment and cell motility 3 (ELMO3), mRNA."
"Homo sapiens ELMO/CED-12 domain containing 1 (ELMOD1), mRNA."
"Homo sapiens ELMO/CED-12 domain containing 2 (ELMOD2), mRNA."

"Homo sapiens elastin (ELN), transcript variant 4, mRNA."
"Homo sapiens elongation factor 1 homolog (S. cerevisiae) (ELOF1), mRNA."
"Homo sapiens elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2 (E
"Homo sapiens elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3 (E
"Homo sapiens elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4 (E
"Homo sapiens ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4
"Homo sapiens ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4
"Homo sapiens ELOVL family member 7, elongation of long chain fatty acids (yeast) (ELOVL7),
"Homo sapiens elongation protein 2 homolog (S. cerevisiae) (ELP2), mRNA."
"Homo sapiens endozepine-like peptide 2 pseudogene (ELP2P), non-coding RNA."
"Homo sapiens elongation protein 3 homolog (S. cerevisiae) (ELP3), mRNA."
"Homo sapiens elongation protein 4 homolog (S. cerevisiae) (ELP4), mRNA."
"Homo sapiens embigin homolog (mouse) (EMB), mRNA."
"Homo sapiens emerin (Emery-Dreifuss muscular dystrophy) (EMD), mRNA."
"Homo sapiens essential meiotic endonuclease 1 homolog 1 (S. pombe) (EME1), mRNA."
"Homo sapiens EMG1 nucleolar protein homolog (S. cerevisiae) (EMG1), mRNA."
"Homo sapiens elastin microfibril interfacer 2 (EMILIN2), mRNA."
"Homo sapiens echinoderm microtubule associated protein like 1 (EML1), transcript variant 1, m
"Homo sapiens echinoderm microtubule associated protein like 2 (EML2), mRNA."
"Homo sapiens echinoderm microtubule associated protein like 3 (EML3), mRNA."
"Homo sapiens echinoderm microtubule associated protein like 4 (EML4), mRNA."
"Homo sapiens epithelial membrane protein 3 (EMP3), mRNA."
"Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 1 (EMR1), mRNA.
"Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 2 (EMR2), transcri
"Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 4 (EMR4), mRNA.
"Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 4 pseudogene (EM
"Homo sapiens empty spiracles homolog 1 (Drosophila) (EMX1), mRNA."
"Homo sapiens EMX2 opposite strand (non-protein coding) (EMX2OS), non-coding RNA."
"Homo sapiens enabled homolog (Drosophila) (ENAH), transcript variant 2, mRNA."
"Homo sapiens enamelin (ENAM), mRNA."
"Homo sapiens ectodermal-neural cortex (with BTB-like domain) (ENC1), mRNA."
"Homo sapiens endonuclease domain containing 1 (ENDOD1), mRNA."
"Homo sapiens endonuclease G (ENDOG), nuclear gene encoding mitochondrial protein, mRNA
"Homo sapiens energy homeostasis associated (ENHO), mRNA."
"Homo sapiens enolase 1, (alpha) (ENO1), mRNA."
"Homo sapiens enolase 2 (gamma, neuronal) (ENO2), mRNA."
"Homo sapiens enolase 3 (beta, muscle) (ENO3), transcript variant 1, mRNA."
"Homo sapiens enolase-phosphatase 1 (ENOPH1), mRNA."
"Homo sapiens enolase superfamily member 1 (ENOSF1), mRNA."
"Homo sapiens ecto-NOX disulfide-thiol exchanger 1 (ENOX1), mRNA."
"Homo sapiens ecto-NOX disulfide-thiol exchanger 2 (ENOX2), transcript variant 1, mRNA."
"Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 1 (ENPP1), mRNA."
"Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 2 (ENPP2), transcript varia
"Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 3 (ENPP3), mRNA."

"Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function) (ENPF
"Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function) (ENPF
"Homo sapiens endosulfine alpha (ENSA), transcript variant 8, mRNA."
"Homo sapiens ENTH domain containing 1 (ENTHD1), mRNA."
"Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), transcript variant
"Homo sapiens ectonucleoside triphosphate diphosphohydrolase 2 (ENTPD2), transcript variant
"Homo sapiens ectonucleoside triphosphate diphosphohydrolase 4 (ENTPD4), mRNA."
"Homo sapiens ectonucleoside triphosphate diphosphohydrolase 6 (putative function) (ENTPD6
"Homo sapiens enhancer of yellow 2 homolog (Drosophila) (ENY2), mRNA."
"Homo sapiens eomesodermin homolog (Xenopus laevis) (EOMES), mRNA."
"Homo sapiens E1A binding protein p400 (EP400), mRNA."
"Homo sapiens endothelial PAS domain protein 1 (EPAS1), mRNA."
"Homo sapiens erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked) (EPB41), tra
"Homo sapiens erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 2, m
"Homo sapiens erythrocyte membrane protein band 4.1-like 2 (EPB41L2), mRNA."
"Homo sapiens erythrocyte membrane protein band 4.1 like 4B (EPB41L4B), transcript variant 1
"Homo sapiens erythrocyte membrane protein band 4.1 like 5 (EPB41L5), mRNA."
"Homo sapiens enhancer of polycomb homolog 1 (Drosophila) (EPC1), mRNA."
"Homo sapiens enhancer of polycomb homolog 2 (Drosophila) (EPC2), mRNA."
"Homo sapiens epithelial cell adhesion molecule (EPCAM), mRNA."
"Homo sapiens ependymin related protein 1 (zebrafish) (EPDR1), mRNA."
"Homo sapiens epithelial mitogen homolog (mouse) (EPGN), mRNA."
"Homo sapiens EPH receptor A3 (EPHA3), transcript variant 2, mRNA."
"Homo sapiens EPH receptor A4 (EPHA4), mRNA."
"Homo sapiens EPH receptor B1 (EPHB1), mRNA."
"Homo sapiens EPH receptor B4 (EPHB4), mRNA."
"Homo sapiens EPH receptor B6 (EPHB6), mRNA."
"Homo sapiens epoxide hydrolase 1, microsomal (xenobiotic) (EPHX1), mRNA."
"Homo sapiens epoxide hydrolase 2, cytoplasmic (EPHX2), mRNA."
"Homo sapiens epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) (EPM2A), trar
"Homo sapiens EPM2A (laforin) interacting protein 1 (EPM2AIP1), mRNA."
"Homo sapiens epsin 1 (EPN1), mRNA."
"Homo sapiens epsin 2 (EPN2), transcript variant 2, mRNA."
"Homo sapiens erythropoietin receptor (EPOR), mRNA."
"Homo sapiens B9 protein (EPPB9), mRNA."
"Homo sapiens effector cell peptidase receptor 1 (non-protein coding) (EPR1), non-coding RNA
"Homo sapiens glutamyl-prolyl-tRNA synthetase (EPRS), mRNA."
"Homo sapiens epidermal growth factor receptor pathway substrate 15 (EPS15), transcript varia
"Homo sapiens epidermal growth factor receptor pathway substrate 15-like 1 (EPS15L1), mRNA
"Homo sapiens epidermal growth factor receptor pathway substrate 8 (EPS8), mRNA."
"PREDICTED: Homo sapiens EPS8-like 2, transcript variant 4 (EPS8L2), mRNA."
"Homo sapiens epithelial stromal interaction 1 (breast) (EPSTI1), transcript variant 2, mRNA."
"Homo sapiens Era G-protein-like 1 (E. coli) (ERAL1), mRNA."
"Homo sapiens endoplasmic reticulum aminopeptidase 1 (ERAP1), transcript variant 2, mRNA."

"Homo sapiens endoplasmic reticulum aminopeptidase 2 (ERAP2), mRNA."
"Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma
"Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) (ERBB3), tra
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation
"Homo sapiens endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1 (ERGIC1), tra
"Homo sapiens ERGIC and golgi 3 (ERGIC3), transcript variant 1, mRNA."
"Homo sapiens enhancer of rudimentary homolog (Drosophila) (ERH), mRNA."
"Homo sapiens exoribonuclease 1 (ERI1), mRNA."
"Homo sapiens ERI1 exoribonuclease family member 2 (ERI2), transcript variant 1, mRNA."
"Homo sapiens glutamate-rich 1 (ERICH1), mRNA."
"Homo sapiens ER lipid raft associated 1 (ERLIN1), mRNA."
"Homo sapiens ER lipid raft associated 2 (ERLIN2), transcript variant 3, mRNA."
"Homo sapiens erythroblast membrane-associated protein (Scianna blood group) (ERMAP), tran
"Homo sapiens endoplasmic reticulum metallopeptidase 1 (ERMP1), mRNA."
"Homo sapiens endoplasmic reticulum to nucleus signalling 1 (ERN1), transcript variant 2, mRN
"Homo sapiens ERO1-like (S. cerevisiae) (ERO1L), mRNA."
"Homo sapiens ERO1-like beta (S. cerevisiae) (ERO1LB), mRNA."
"Homo sapiens endoplasmic reticulum protein 27 kDa (ERP27), mRNA."
"Homo sapiens endoplasmic reticulum protein 29 (ERP29), transcript variant 1, mRNA."
"Homo sapiens endoplasmic reticulum protein 44 (ERP44), mRNA."
"Homo sapiens ERBB receptor feedback inhibitor 1 (ERRFI1), mRNA."
"Homo sapiens endogenous retroviral sequence 3 (includes zinc finger protein H-plk/HPF9) (ER
"Homo sapiens endothelial cell adhesion molecule (ESAM), mRNA."
"Homo sapiens establishment of cohesion 1 homolog 1 (S. cerevisiae) (ESCO1), mRNA."
"Homo sapiens establishment of cohesion 1 homolog 2 (S. cerevisiae) (ESCO2), mRNA."
"Homo sapiens esterase D/formylglutathione hydrolase (ESD), mRNA."
"Homo sapiens endothelial cell-specific molecule 1 (ESM1), mRNA."
"Homo sapiens extra spindle pole bodies homolog 1 (S. cerevisiae) (ESPL1), mRNA."
"Homo sapiens espin (ESPN), mRNA."
"Homo sapiens espin-like (ESPNL), mRNA."
"Homo sapiens estrogen receptor 2 (ER beta) (ESR2), transcript variant b, mRNA."
"Homo sapiens estrogen-related receptor alpha (ESRRA), mRNA."
Homo sapiens estrogen-related receptor alpha pseudogene 2 (ESRRAP2) on chromosome 13.
"Homo sapiens estrogen-related receptor gamma (ESRRG), transcript variant 1, mRNA."
"Homo sapiens extended synaptotagmin-like protein 1 (ESYT1), mRNA."
"Homo sapiens Ewing tumor-associated antigen 1 (ETAA1), mRNA."
"Homo sapiens eukaryotic translation termination factor 1 (ETF1), mRNA."
"Homo sapiens electron-transfer-flavoprotein, alpha polypeptide (glutaric aciduria II) (ETFA), nu

"Homo sapiens electron-transfer-flavoprotein, beta polypeptide (ETFB), transcript variant 2, mRI
"Homo sapiens electron-transferring-flavoprotein dehydrogenase (ETFDH), nuclear gene encod
"Homo sapiens ethylmalonic encephalopathy 1 (ETHE1), nuclear gene encoding mitochondrial p
"Homo sapiens ethanolamine kinase 1 (ETNK1), transcript variant 1, mRNA."
"Homo sapiens ethanolamine kinase 2 (ETNK2), mRNA."
"Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1), mRNA."
"Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 2 (avian) (ETS2), mRNA."
"Homo sapiens ets variant 3 (ETV3), transcript variant 2, mRNA."
"Homo sapiens ets variant 4 (ETV4), transcript variant 1, mRNA."
"Homo sapiens ets variant gene 5 (ets-related molecule) (ETV5), mRNA."
"Homo sapiens ets variant 6 (ETV6), mRNA."
"Homo sapiens ets variant 7 (ETV7), mRNA."
"Homo sapiens ecotropic viral integration site 1 (EVI1), mRNA."
"Homo sapiens ecotropic viral integration site 2A (EVI2A), transcript variant 1, mRNA."
"Homo sapiens ecotropic viral integration site 2B (EVI2B), mRNA."
"Homo sapiens ecotropic viral integration site 5 (EVI5), mRNA."
"Homo sapiens ecotropic viral integration site 5-like (EVI5L), mRNA."
"Homo sapiens Enah/Vasp-like (EVL), mRNA."
"Homo sapiens Ewing sarcoma breakpoint region 1 (EWSR1), transcript variant EWS, mRNA."
"Homo sapiens exonuclease 3'-5' domain containing 2 (EXD2), mRNA."
"Homo sapiens exonuclease 1 (EXO1), transcript variant 1, mRNA."
"Homo sapiens exocyst complex component 1 (EXOC1), transcript variant 1, mRNA."
"Homo sapiens exocyst complex component 2 (EXOC2), mRNA."
"Homo sapiens exocyst complex component 3 (EXOC3), mRNA."
"Homo sapiens exocyst complex component 4 (EXOC4), transcript variant 2, mRNA."
"Homo sapiens exocyst complex component 6 (EXOC6), transcript variant 2, mRNA."
"Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 1, mRNA."
"Homo sapiens exocyst complex component 8 (EXOC8), mRNA."
"Homo sapiens exonuclease domain containing 1 (EXOD1), mRNA."
"Homo sapiens endo/exonuclease (5'-3'), endonuclease G-like (EXOG), mRNA."
"Homo sapiens exosome component 1 (EXOSC1), mRNA. XM_944315 XM_944318 XM_94432
"Homo sapiens exosome component 10 (EXOSC10), transcript variant 1, mRNA."
"Homo sapiens exosome component 2 (EXOSC2), mRNA."
"Homo sapiens exosome component 3 (EXOSC3), transcript variant 1, mRNA."
"Homo sapiens exosome component 4 (EXOSC4), mRNA."
"Homo sapiens exosome component 5 (EXOSC5), mRNA."
"Homo sapiens exosome component 6 (EXOSC6), mRNA."
"Homo sapiens exosome component 7 (EXOSC7), mRNA."
"Homo sapiens exosome component 8 (EXOSC8), mRNA."
"Homo sapiens exosome component 9 (EXOSC9), transcript variant 1, mRNA."
"Homo sapiens exostoses (multiple) 1 (EXT1), mRNA."
"Homo sapiens exostoses (multiple) 2 (EXT2), transcript variant 1, mRNA."
"Homo sapiens exostoses (multiple)-like 2 (EXTL2), transcript variant 2, mRNA."
"Homo sapiens eyes absent homolog 3 (Drosophila) (EYA3), mRNA."

"Homo sapiens eyes shut homolog (Drosophila) (EYS), transcript variant 3, mRNA."
"Homo sapiens enhancer of zeste homolog 1 (Drosophila) (EZH1), mRNA."
"Homo sapiens enhancer of zeste homolog 2 (Drosophila) (EZH2), transcript variant 2, mRNA."
"Homo sapiens ezrin (EZR), transcript variant 1, mRNA."
"Homo sapiens F11 receptor (F11R), transcript variant 1, mRNA."
"Homo sapiens coagulation factor XII (Hageman factor) (F12), mRNA."
"Homo sapiens coagulation factor II (thrombin) receptor (F2R), mRNA."
"Homo sapiens coagulation factor II (thrombin) receptor-like 3 (F2RL3), mRNA."
"Homo sapiens coagulation factor V (proaccelerin, labile factor) (F5), mRNA."
"Homo sapiens coagulation factor VIII-associated (intronic transcript) 1 (F8A1), mRNA."
"Homo sapiens coagulation factor VIII-associated (intronic transcript) 3 (F8A3), mRNA."
"Homo sapiens fatty acid amide hydrolase (FAAH), mRNA."
"Homo sapiens fatty acid binding protein 1, liver (FABP1), mRNA."
"Homo sapiens fatty acid binding protein 5 (psoriasis-associated) (FABP5), mRNA."
"PREDICTED: Homo sapiens fatty acid binding protein 5-like 2 (FABP5L2), mRNA."
"Homo sapiens fatty acid binding protein 5-like 3 (pseudogene) (FABP5L3), non-coding RNA."
"PREDICTED: Homo sapiens fatty acid binding protein 5-like 7 (FABP5L7), mRNA."
"Homo sapiens fatty acid binding protein 6, ileal (FABP6), transcript variant 2, mRNA."
"Homo sapiens fatty acid binding protein 7, brain (FABP7), mRNA."
"Homo sapiens Fas (TNFRSF6)-associated via death domain (FADD), mRNA."
"Homo sapiens fatty acid desaturase 1 (FADS1), mRNA."
"Homo sapiens fatty acid desaturase 2 (FADS2), mRNA."
"Homo sapiens fatty acid desaturase 3 (FADS3), mRNA."
"Homo sapiens fatty acid desaturase domain family, member 6 (FADS6), mRNA."
"Homo sapiens Fas (TNFRSF6) associated factor 1 (FAF1), mRNA."
"Homo sapiens Fas associated factor family member 2 (FAF2), mRNA."
"Homo sapiens fumarylacetoacetate hydrolase (fumarylacetoacetase) (FAH), mRNA."
"Homo sapiens fumarylacetoacetate hydrolase domain containing 1 (FAHD1), nuclear gene enc
"Homo sapiens fumarylacetoacetate hydrolase domain containing 2A (FAHD2A), mRNA."
"Homo sapiens fumarylacetoacetate hydrolase domain containing 2B (FAHD2B), mRNA."
"Homo sapiens Fas apoptotic inhibitory molecule (FAIM), transcript variant 4, mRNA."
"Homo sapiens Fas apoptotic inhibitory molecule 2 (FAIM2), mRNA."
"Homo sapiens Fas apoptotic inhibitory molecule 3 (FAIM3), mRNA."
"Homo sapiens fetal Alzheimer antigen (FALZ), transcript variant 2, mRNA."
"Homo sapiens family with sequence similarity 100, member B (FAM100B), mRNA."
"Homo sapiens family with sequence similarity 101, member A (FAM101A), mRNA."
"Homo sapiens family with sequence similarity 101, member B (FAM101B), mRNA."
"Homo sapiens family with sequence similarity 102, member A (FAM102A), transcript variant 1,
"Homo sapiens family with sequence similarity 102, member B (FAM102B), mRNA."
"Homo sapiens family with sequence similarity 103, member A1 (FAM103A1), mRNA."
"Homo sapiens family with sequence similarity 104, member A (FAM104A), mRNA."
"Homo sapiens family with sequence similarity 104, member B (FAM104B), mRNA."
"Homo sapiens family with sequence similarity 105, member A (FAM105A), mRNA."
"Homo sapiens family with sequence similarity 105, member B (FAM105B), mRNA."

"Homo sapiens family with sequence similarity 107, member B (FAM107B), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 108, member A2 (FAM108A2), mR
"Homo sapiens family with sequence similarity 108, member A3 (FAM108A3), mRNA."
"Homo sapiens family with sequence similarity 108, member B1 (FAM108B1), transcript variant
"Homo sapiens family with sequence similarity 108, member C1 (FAM108C1), mRNA."
"Homo sapiens family with sequence similarity 109, member A (FAM109A), mRNA."
"Homo sapiens family with sequence similarity 10, member A4 pseudogene (FAM10A4), non-co
"Homo sapiens family with sequence similarity 10, member A7 (pseudogene) (FAM10A7), non-c
"Homo sapiens family with sequence similarity 110, member A (FAM110A), transcript variant 3,
"Homo sapiens family with sequence similarity 111, member A (FAM111A), transcript variant 1,
"Homo sapiens family with sequence similarity 111, member B (FAM111B), mRNA."
"Homo sapiens family with sequence similarity 113, member A (FAM113A), mRNA."
"Homo sapiens family with sequence similarity 113, member B (FAM113B), mRNA."
"Homo sapiens family with sequence similarity 114, member A2 (FAM114A2), mRNA."
"Homo sapiens family with sequence similarity 115, member A (FAM115A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 116, member A (FAM116A), mRN
"Homo sapiens family with sequence similarity 116, member B (FAM116B), mRNA."
"Homo sapiens family with sequence similarity 117, member A (FAM117A), mRNA."
"Homo sapiens family with sequence similarity 117, member B (FAM117B), mRNA."
"Homo sapiens family with sequence similarity 118, member B (FAM118B), mRNA."
"Homo sapiens family with sequence similarity 119, member A (FAM119A), transcript variant 2,
"Homo sapiens family with sequence similarity 119, member B (FAM119B), transcript variant 1,
"Homo sapiens family with sequence similarity 120A (FAM120A), mRNA."
"Homo sapiens family with sequence similarity 120A opposite strand (FAM120AOS), mRNA."
"Homo sapiens family with sequence similarity 120B (FAM120B), mRNA."
"Homo sapiens family with sequence similarity 122A (FAM122A), mRNA."
"Homo sapiens family with sequence similarity 122B (FAM122B), mRNA."
"Homo sapiens family with sequence similarity 123B (FAM123B), mRNA."
"Homo sapiens family with sequence similarity 123C (FAM123C), transcript variant 2, mRNA."
"Homo sapiens family with sequence similarity 125, member A (FAM125A), mRNA."
"Homo sapiens family with sequence similarity 125, member B (FAM125B), transcript variant 2,
"Homo sapiens family with sequence similarity 126, member A (FAM126A), mRNA."
"Homo sapiens family with sequence similarity 126, member B (FAM126B), mRNA."
"Homo sapiens family with sequence similarity 127, member A (FAM127A), mRNA."
"Homo sapiens family with sequence similarity 128, member A (FAM128A), mRNA."
"Homo sapiens family with sequence similarity 128, member B (FAM128B), mRNA."
"Homo sapiens family with sequence similarity 129, member B (FAM129B), transcript variant 2,
"Homo sapiens family with sequence similarity 129, member C (FAM129C), mRNA."
"Homo sapiens family with sequence similarity 131, member A (FAM131A), mRNA."
"Homo sapiens family with sequence similarity 131, member C (FAM131C), mRNA."
"Homo sapiens family with sequence similarity 133, member B (FAM133B), transcript variant 2,
"Homo sapiens family with sequence similarity 134, member B (FAM134B), transcript variant 1,
"Homo sapiens family with sequence similarity 134, member C (FAM134C), mRNA."
"Homo sapiens family with sequence similarity 135, member A (FAM135A), mRNA."

"Homo sapiens family with sequence similarity 136, member A (FAM136A), mRNA."
"Homo sapiens family with sequence similarity 136, member B (FAM136B), mRNA."
"Homo sapiens family with sequence similarity 13, member A (FAM13A), transcript variant 1, mF
"Homo sapiens family with sequence similarity 13, member B (FAM13B), transcript variant 2, mF
"Homo sapiens family with sequence similarity 149, member B1 (FAM149B1), mRNA."
"Homo sapiens family with sequence similarity 14, member B (FAM14B), mRNA."
"Homo sapiens family with sequence similarity 150, member B (FAM150B), mRNA."
"Homo sapiens family with sequence similarity 151, member A (FAM151A), mRNA."
"Homo sapiens family with sequence similarity 153, member B (FAM153B), mRNA."
"Homo sapiens family with sequence similarity 154, member B (FAM154B), mRNA."
"Homo sapiens family with sequence similarity 156, member A (FAM156A), mRNA."
"Homo sapiens family with sequence similarity 156, member B (FAM156B), mRNA."
"Homo sapiens family with sequence similarity 158, member A (FAM158A), mRNA."
"Homo sapiens family with sequence similarity 159, member A (FAM159A), mRNA."
"Homo sapiens family with sequence similarity 160, member A2 (FAM160A2), transcript variant
"Homo sapiens family with sequence similarity 160, member B1 (FAM160B1), transcript variant
"Homo sapiens family with sequence similarity 160, member B2 (FAM160B2), mRNA."
"Homo sapiens family with sequence similarity 161, member A (FAM161A), mRNA. XM_934538
"Homo sapiens family with sequence similarity 161, member B (FAM161B), mRNA."
"Homo sapiens family with sequence similarity 162, member B (FAM162B), mRNA."
"Homo sapiens family with sequence similarity 164, member A (FAM164A), mRNA."
"Homo sapiens family with sequence similarity 164, member C (FAM164C), transcript variant 2,
"Homo sapiens family with sequence similarity 165, member B (FAM165B), mRNA."
"Homo sapiens family with sequence similarity 167, member A (FAM167A), mRNA."
"Homo sapiens family with sequence similarity 167, member B (FAM167B), mRNA."
"Homo sapiens family with sequence similarity 169, member A (FAM169A), mRNA."
"Homo sapiens family with sequence similarity 170, member A (FAM170A), mRNA."
"Homo sapiens family with sequence similarity 171, member A1 (FAM171A1), mRNA."
"Homo sapiens family with sequence similarity 172, member A (FAM172A), mRNA."
"Homo sapiens family with sequence similarity 173, member A (FAM173A), mRNA."
"Homo sapiens family with sequence similarity 174, member A (FAM174A), mRNA."
"Homo sapiens family with sequence similarity 175, member A (FAM175A), mRNA."
"Homo sapiens family with sequence similarity 175, member B (FAM175B), mRNA."
"Homo sapiens family with sequence similarity 177, member A1 (FAM177A1), transcript variant
"Homo sapiens family with sequence similarity 177, member B (FAM177B), mRNA."
"Homo sapiens family with sequence similarity 178, member A (FAM178A), transcript variant 2,
"Homo sapiens family with sequence similarity 179, member B (FAM179B), mRNA."
"Homo sapiens family with sequence similarity 184, member A (FAM184A), transcript variant 1,
"Homo sapiens family with sequence similarity 184, member B (FAM184B), mRNA."
"Homo sapiens family with sequence similarity 186, member B (FAM186B), mRNA."
"Homo sapiens family with sequence similarity 188, member A (FAM188A), mRNA."
"Homo sapiens family with sequence similarity 189, member B (FAM189B), transcript variant 2,
"Homo sapiens family with sequence similarity 18, member B (FAM18B), mRNA."
"Homo sapiens family with sequence similarity 190, member B (FAM190B), mRNA."

"Homo sapiens family with sequence similarity 193, member A (FAM193A), mRNA."
"Homo sapiens family with sequence similarity 193, member B (FAM193B), transcript variant 1,
"Homo sapiens family with sequence similarity 195, member A (FAM195A), mRNA."
"Homo sapiens family with sequence similarity 195, member B (FAM195B), transcript variant 1,
"Homo sapiens family with sequence similarity 197, Y-linked, member 2 (FAM197Y2), non-codir
"Homo sapiens family with sequence similarity 19 (chemokine (C-C motif)-like), member A5 (FA
"Homo sapiens family with sequence similarity 20, member B (FAM20B), mRNA."
"Homo sapiens family with sequence similarity 21, member A (FAM21A), mRNA."
"Homo sapiens family with sequence similarity 21, member C (FAM21C), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 21, member D (FAM21D), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 22, member C (FAM22C), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 22, member F (FAM22F), mRNA."
"Homo sapiens family with sequence similarity 23, member B (FAM23B), mRNA."
"Homo sapiens family with sequence similarity 24, member B (FAM24B), mRNA."
"Homo sapiens family with sequence similarity 25, member C (FAM25C), mRNA."
"Homo sapiens family with sequence similarity 26, member A (FAM26A), mRNA."
"Homo sapiens family with sequence similarity 26, member E (FAM26E), mRNA."
"Homo sapiens family with sequence similarity 26, member F (FAM26F), mRNA."
"Homo sapiens family with sequence similarity 27, member A (FAM27A), non-coding RNA."
"Homo sapiens family with sequence similarity 27-like (FAM27L), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 30, member A (FAM30A), mRNA."
"Homo sapiens family with sequence similarity 32, member A (FAM32A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 35, member A (FAM35A), mRNA."
"Homo sapiens family with sequence similarity 36, member A (FAM36A), mRNA."
"Homo sapiens family with sequence similarity 38, member A (FAM38A), mRNA."
"Homo sapiens family with sequence similarity 38, member B (FAM38B), mRNA."
"Homo sapiens family with sequence similarity 3, member A (FAM3A), mRNA."
"Homo sapiens family with sequence similarity 3, member B (FAM3B), transcript variant 2, mRN
"Homo sapiens family with sequence similarity 3, member C (FAM3C), transcript variant 2, mRN
"Homo sapiens family with sequence similarity 40, member A (FAM40A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 41, member C (FAM41C), mRNA."
"Homo sapiens family with sequence similarity 43, member A (FAM43A), mRNA."
"Homo sapiens family with sequence similarity 43, member B (FAM43B), mRNA."
"Homo sapiens family with sequence similarity 44, member B (FAM44B), mRNA."
"Homo sapiens family with sequence similarity 45, member A (FAM45A), mRNA."
"Homo sapiens family with sequence similarity 45, member B (FAM45B), mRNA."
"Homo sapiens family with sequence similarity 46, member A (FAM46A), mRNA."
"Homo sapiens family with sequence similarity 46, member B (FAM46B), mRNA."
"Homo sapiens family with sequence similarity 46, member C (FAM46C), mRNA."
"Homo sapiens family with sequence similarity 49, member A (FAM49A), mRNA."
"Homo sapiens family with sequence similarity 49, member B (FAM49B), mRNA."
"Homo sapiens family with sequence similarity 50, member A (FAM50A), mRNA."
"Homo sapiens family with sequence similarity 50, member B (FAM50B), mRNA."
"Homo sapiens family with sequence similarity 53, member A (FAM53A), mRNA."

"Homo sapiens family with sequence similarity 53, member B (FAM53B), mRNA."
"Homo sapiens family with sequence similarity 53, member C (FAM53C), mRNA."
"Homo sapiens family with sequence similarity 54, member A (FAM54A), transcript variant 1, mR
"Homo sapiens family with sequence similarity 54, member B (FAM54B), transcript variant 1, mR
"Homo sapiens family with sequence similarity 55, member C (FAM55C), mRNA."
"Homo sapiens family with sequence similarity 57, member A (FAM57A), mRNA."
"Homo sapiens family with sequence similarity 57, member B (FAM57B), mRNA."
"Homo sapiens family with sequence similarity 58, member A (FAM58A), mRNA."
"Homo sapiens family with sequence similarity 59, member A (FAM59A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 59, member B (FAM59B), mRNA."
"Homo sapiens family with sequence similarity 5, member B (FAM5B), mRNA."
"Homo sapiens family with sequence similarity 5, member C (FAM5C), mRNA."
"Homo sapiens family with sequence similarity 60, member A (FAM60A), transcript variant 2, mR
"Homo sapiens family with sequence similarity 62 (C2 domain containing) member B (FAM62B),
"Homo sapiens family with sequence similarity 62 (C2 domain containing), member C (FAM62C)
"Homo sapiens family with sequence similarity 63, member A (FAM63A), transcript variant 1, mR
"Homo sapiens family with sequence similarity 64, member A (FAM64A), mRNA."
"Homo sapiens family with sequence similarity 65, member B (FAM65B), transcript variant 2, mR
"Homo sapiens family with sequence similarity 65, member C (FAM65C), mRNA."
"Homo sapiens family with sequence similarity 69, member A (FAM69A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 69, member B (FAM69B), mRNA."
"Homo sapiens family with sequence similarity 70, member A (FAM70A), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 70, member B (FAM70B), mRNA."
"Homo sapiens family with sequence similarity 71, member E1 (FAM71E1), mRNA."
"Homo sapiens family with sequence similarity 72, member A (FAM72A), mRNA."
"Homo sapiens family with sequence similarity 72, member B (FAM72B), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 72, member D (FAM72D), mRNA."
"Homo sapiens family with sequence similarity 73, member A (FAM73A), mRNA."
"Homo sapiens family with sequence similarity 73, member B (FAM73B), mRNA."
"Homo sapiens family with sequence similarity 75, member A2 (FAM75A2), mRNA."
"Homo sapiens family with sequence similarity 75, member A3 (FAM75A3), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FAM75A6), miscRNA."
"Homo sapiens family with sequence similarity 75, member B (FAM75B), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FAM75C1), miscRNA."
"Homo sapiens family with sequence similarity 76, member A (FAM76A), mRNA."
"Homo sapiens family with sequence similarity 78, member A (FAM78A), mRNA."
"Homo sapiens family with sequence similarity 78, member B (FAM78B), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 7, member A1, transcript variant 4
"PREDICTED: Homo sapiens family with sequence similarity 7, member A3, transcript variant 2
"Homo sapiens family with sequence similarity 80, member A (FAM80A), mRNA."
"Homo sapiens family with sequence similarity 80, member B (FAM80B), mRNA."
"Homo sapiens family with sequence similarity 81, member A (FAM81A), mRNA."
"Homo sapiens family with sequence similarity 82, member A2 (FAM82A2), mRNA."
"Homo sapiens family with sequence similarity 83, member D (FAM83D), mRNA."

"Homo sapiens family with sequence similarity 83, member H (FAM83H), mRNA."
"Homo sapiens family with sequence similarity 84, member B (FAM84B), mRNA."
"Homo sapiens family with sequence similarity 86, member A (FAM86A), transcript variant 2, mR
"Homo sapiens family with sequence similarity 86, member B1 (FAM86B1), transcript variant 1,
"Homo sapiens family with sequence similarity 86, member C (FAM86C), transcript variant 2, mR
"Homo sapiens family with sequence similarity 86, member D (FAM86D), non-coding RNA."
"PREDICTED: Homo sapiens family with sequence similarity 87, member A (FAM87A), mRNA."
"Homo sapiens family with sequence similarity 89, member A (FAM89A), mRNA."
"Homo sapiens family with sequence similarity 89, member B (FAM89B), transcript variant 3, mR
"Homo sapiens family with sequence similarity 8, member A1 (FAM8A1), mRNA."
"Homo sapiens family with sequence similarity 90, member A1 (FAM90A1), mRNA."
"PREDICTED: Homo sapiens family with sequence similarity 90, member A10 (FAM90A10), mR
"PREDICTED: Homo sapiens family with sequence similarity 90, member A17 (FAM90A17), mR
"PREDICTED: Homo sapiens family with sequence similarity 90, member A20 (FAM90A20), mR
"PREDICTED: Homo sapiens family with sequence similarity 90, member A2 pseudogene (FAM
"PREDICTED: Homo sapiens family with sequence similarity 90, member A6 pseudogene (FAM
"Homo sapiens family with sequence similarity 90, member A7 (FAM90A7), mRNA."
"Homo sapiens family with sequence similarity 91, member A1 (FAM91A1), mRNA."
"Homo sapiens family with sequence similarity 92, member A1 (FAM92A1), mRNA."
"Homo sapiens family with sequence similarity 96, member A (FAM96A), transcript variant 2, mR
"Homo sapiens family with sequence similarity 96, member B (FAM96B), mRNA."
"Homo sapiens family with sequence similarity 98, member A (FAM98A), mRNA."
"Homo sapiens family with sequence similarity 98, member B (FAM98B), mRNA."
"Homo sapiens family with sequence similarity 98, member C (FAM98C), mRNA."
"Homo sapiens family with sequence similarity 9, member B (FAM9B), mRNA."
"Homo sapiens Fanconi anemia, complementation group A (FANCA), transcript variant 1, mRNA
"Homo sapiens Fanconi anemia, complementation group B (FANCB), transcript variant 1, mRNA
"Homo sapiens Fanconi anemia, complementation group D2 (FANCD2), transcript variant 2, mR
"Homo sapiens Fanconi anemia, complementation group E (FANCE), mRNA."
"Homo sapiens Fanconi anemia, complementation group F (FANCF), mRNA."
"Homo sapiens Fanconi anemia, complementation group G (FANCG), mRNA."
"Homo sapiens Fanconi anemia, complementation group I (FANCI), transcript variant 2, mRNA.
"Homo sapiens Fanconi anemia, complementation group L (FANCL), mRNA."
"Homo sapiens fatty acyl CoA reductase 1 (FAR1), mRNA."
"Homo sapiens FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derive
"Homo sapiens FERM, RhoGEF and pleckstrin domain protein 2 (FARP2), mRNA."
"Homo sapiens phenylalanyl-tRNA synthetase 2, mitochondrial (FARS2), nuclear gene encoding
"Homo sapiens phenylalanyl-tRNA synthetase, alpha subunit (FARSA), mRNA."
"Homo sapiens phenylalanine-tRNA synthetase-like, beta subunit (FARSLB), mRNA."
"Homo sapiens Fas (TNF receptor superfamily, member 6) (FAS), transcript variant 3, mRNA."
"Homo sapiens Fas ligand (TNF superfamily, member 6) (FASLG), mRNA."
"Homo sapiens fatty acid synthase (FASN), mRNA."
"Homo sapiens Fas-activated serine/threonine kinase (FASTK), transcript variant 4, mRNA."
"Homo sapiens FAST kinase domains 1 (FASTKD1), mRNA."

"Homo sapiens FAST kinase domains 2 (FASTKD2), mRNA."
"Homo sapiens FAST kinase domains 3 (FASTKD3), mRNA."
"Homo sapiens FAST kinase domains 5 (FASTKD5), mRNA."
"Homo sapiens FAT tumor suppressor homolog 1 (Drosophila) (FAT1), mRNA."
"Homo sapiens Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (
"Homo sapiens fibrillarin (FBL), mRNA."
"Homo sapiens fibulin 1 (FBLN1), transcript variant D, mRNA."
"Homo sapiens fibulin 2 (FBLN2), transcript variant 1, mRNA."
"Homo sapiens fibulin 5 (FBLN5), mRNA."
"Homo sapiens fibulin 7 (FBLN7), mRNA."
"Homo sapiens fructose-1,6-bisphosphatase 1 (FBP1), mRNA."
"Homo sapiens fructose-1,6-bisphosphatase 2 (FBP2), mRNA."
"Homo sapiens fibrosin (FBRS), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 10 (FBXL10), transcript variant 1, mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 11 (FBXL11), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 12 (FBXL12), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 13 (FBXL13), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 14 (FBXL14), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 15 (FBXL15), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 16 (FBXL16), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 18 (FBXL18), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 19 (FBXL19), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 2 (FBXL2), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 20 (FBXL20), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 21 (FBXL21), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 22 (FBXL22), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 3 (FBXL3), mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 6 (FBXL6), transcript variant 1, mRNA."
"Homo sapiens F-box and leucine-rich repeat protein 8 (FBXL8), mRNA."
"Homo sapiens F-box protein 10 (FBXO10), mRNA."
"Homo sapiens F-box protein 11 (FBXO11), transcript variant 2, mRNA."
"Homo sapiens F-box protein 15 (FBXO15), mRNA."
"Homo sapiens F-box protein 16 (FBXO16), mRNA."
"Homo sapiens F-box protein 17 (FBXO17), transcript variant 1, mRNA."
"Homo sapiens F-box protein 2 (FBXO2), mRNA."
"Homo sapiens F-box protein 21 (FBXO21), transcript variant 1, mRNA."
"Homo sapiens F-box protein 22 (FBXO22), transcript variant 1, mRNA."
"Homo sapiens F-box protein 25 (FBXO25), transcript variant 2, mRNA."
"Homo sapiens F-box protein 28 (FBXO28), mRNA."
"Homo sapiens F-box protein 3 (FBXO3), transcript variant 1, mRNA."
"Homo sapiens F-box protein 30 (FBXO30), mRNA."
"Homo sapiens F-box protein 31 (FBXO31), mRNA."
"Homo sapiens F-box protein 32 (FBXO32), transcript variant 2, mRNA."
"Homo sapiens F-box protein 33 (FBXO33), mRNA."

"Homo sapiens F-box protein 34 (FBXO34), mRNA."
"Homo sapiens F-box protein 36 (FBXO36), mRNA."
"Homo sapiens F-box protein 38 (FBXO38), transcript variant 2, mRNA."
"Homo sapiens F-box protein 4 (FBXO4), transcript variant 2, mRNA."
"Homo sapiens F-box protein 41 (FBXO41), mRNA."
"Homo sapiens F-box protein 42 (FBXO42), mRNA."
"Homo sapiens F-box protein 44 (FBXO44), transcript variant 4, mRNA."
"Homo sapiens F-box protein 45 (FBXO45), mRNA."
"PREDICTED: Homo sapiens F-box protein 46, transcript variant 5 (FBXO46), mRNA."
"Homo sapiens F-box protein 48 (FBXO48), mRNA."
"Homo sapiens F-box protein 5 (FBXO5), mRNA."
"Homo sapiens F-box protein 6 (FBXO6), mRNA."
"Homo sapiens F-box protein 7 (FBXO7), transcript variant 2, mRNA."
"Homo sapiens F-box protein 8 (FBXO8), mRNA."
"Homo sapiens F-box and WD repeat domain containing 11 (FBXW11), transcript variant 1, mR
"Homo sapiens F-box and WD-40 domain protein 2 (FBXW2), mRNA."
"Homo sapiens F-box and WD repeat domain containing 4 (FBXW4), mRNA."
"Homo sapiens F-box and WD-40 domain protein 5 (FBXW5), transcript variant 3, mRNA."
"Homo sapiens F-box and WD repeat domain containing 7 (FBXW7), transcript variant 2, mRNA
"Homo sapiens F-box and WD repeat domain containing 8 (FBXW8), transcript variant 2, mRNA
"Homo sapiens F-box and WD repeat domain containing 9 (FBXW9), mRNA."
"Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 9, mRNA."
"Homo sapiens Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (FCER1G), r
"Homo sapiens Fc fragment of IgE, low affinity II, receptor for (CD23) (FCER2), mRNA."
"Homo sapiens FCF1 small subunit (SSU) processome component homolog (S. cerevisiae) (FC
"Homo sapiens Fc fragment of IgG binding protein (FCGBP), mRNA."
"Homo sapiens Fc fragment of IgG, low affinity IIa, receptor (CD32) (FCGR2A), mRNA."
"PREDICTED: Homo sapiens Fc fragment of IgG, low affinity IIb, receptor (CD32) (FCGR2B), m
"Homo sapiens Fc fragment of IgG, low affinity IIc, receptor for (CD32) (FCGR2C), transcript va
"Homo sapiens Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 1, m
"Homo sapiens FCH domain only 1 (FCHO1), mRNA."
"Homo sapiens FCH domain only 2 (FCHO2), mRNA."
"Homo sapiens FCH and double SH3 domains 2 (FCHSD2), mRNA."
"Homo sapiens ficolin (collagen/fibrinogen domain containing) 1 (FCN1), mRNA."
"Homo sapiens Fc receptor-like 1 (FCRL1), mRNA."
"Homo sapiens Fc receptor-like 2 (FCRL2), transcript variant 1, mRNA."
"Homo sapiens Fc receptor-like 3 (FCRL3), mRNA."
"Homo sapiens Fc receptor-like 4 (FCRL4), mRNA."
"Homo sapiens Fc receptor-like 5 (FCRL5), mRNA."
"Homo sapiens Fc receptor-like 6 (FCRL6), mRNA."
"Homo sapiens Fc receptor-like A (FCRLA), mRNA."
"Homo sapiens Fc receptor-like B (FCRLB), mRNA."
"Homo sapiens farnesyl-diphosphate farnesyltransferase 1 (FDFT1), mRNA."
"Homo sapiens farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylally

"Homo sapiens MGC44478 (FDPSL2A), non-coding RNA."
"Homo sapiens ferredoxin 1 (FDX1), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens ferredoxin 1-like (FDX1L), mRNA."
"Homo sapiens ferredoxin-fold anticodon binding domain containing 1 (FDXACB1), mRNA."
"Homo sapiens ferrochelatase (protoporphyria) (FECH), nuclear gene encoding mitochondrial pr
"Homo sapiens fem-1 homolog a (C. elegans) (FEM1A), mRNA."
"Homo sapiens fem-1 homolog b (C. elegans) (FEM1B), mRNA."
"Homo sapiens fem-1 homolog c (C. elegans) (FEM1C), mRNA."
"Homo sapiens flap structure-specific endonuclease 1 (FEN1), mRNA."
"Homo sapiens fer (fps/fes related) tyrosine kinase (FER), mRNA."
Homo sapiens fer-1-like 4 (C. elegans) (FER1L4) on chromosome 20.
"Homo sapiens fermitin family homolog 2 (Drosophila) (FERMT2), mRNA."
"Homo sapiens fermitin family homolog 3 (Drosophila) (FERMT3), transcript variant URP2SF, m
"Homo sapiens feline sarcoma oncogene (FES), mRNA."
"Homo sapiens fasciculation and elongation protein zeta 1 (zygin I) (FEZ1), transcript variant 2,
"Homo sapiens fasciculation and elongation protein zeta 2 (zygin II) (FEZ2), transcript variant 1,
"Homo sapiens FYVE, RhoGEF and PH domain containing 1 (FGD1), mRNA."
"Homo sapiens FYVE, RhoGEF and PH domain containing 2 (FGD2), mRNA."
"Homo sapiens FYVE, RhoGEF and PH domain containing 3 (FGD3), transcript variant 2, mRNA
"Homo sapiens FYVE, RhoGEF and PH domain containing 6 (FGD6), mRNA."
"Homo sapiens fibroblast growth factor 11 (FGF11), mRNA."
"Homo sapiens fibroblast growth factor 17 (FGF17), mRNA."
"Homo sapiens fibroblast growth factor 18 (FGF18), mRNA."
"Homo sapiens fibroblast growth factor 2 (basic) (FGF2), mRNA."
"Homo sapiens fibroblast growth factor 20 (FGF20), mRNA."
"Homo sapiens fibroblast growth factor 6 (FGF6), mRNA."
"Homo sapiens fibroblast growth factor 9 (glia-activating factor) (FGF9), mRNA."
"Homo sapiens fibroblast growth factor binding protein 3 (FGFBP3), mRNA."
"Homo sapiens FGFR1 oncogene partner (FGFR1OP), transcript variant 1, mRNA."
"Homo sapiens FGFR1 oncogene partner 2 (FGFR1OP2), mRNA."
"Homo sapiens fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism) (FG
"Homo sapiens fibroblast growth factor receptor 4 (FGFR4), transcript variant 2, mRNA."
"Homo sapiens fibroblast growth factor receptor-like 1 (FGFRL1), transcript variant 3, mRNA."
"Homo sapiens FGGY carbohydrate kinase domain containing (FGGY), transcript variant 2, mR
"Homo sapiens Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), transcr
"Homo sapiens fumarate hydratase (FH), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens FH2 domain containing 1 (FHDC1), mRNA."
"Homo sapiens fragile histidine triad gene (FHIT), mRNA."
"Homo sapiens four and a half LIM domains 1 (FHL1), mRNA."
"Homo sapiens four and a half LIM domains 2 (FHL2), transcript variant 4, mRNA."
"Homo sapiens four and a half LIM domains 3 (FHL3), mRNA."
"Homo sapiens formin homology 2 domain containing 1 (FHOD1), mRNA."
"Homo sapiens formin homology 2 domain containing 3 (FHOD3), mRNA."
"Homo sapiens fibrinogen C domain containing 1 (FIBCD1), mRNA."

"Homo sapiens fibroblast growth factor (acidic) intracellular binding protein (FIBP), transcript var
"Homo sapiens FIC domain containing (FICD), mRNA."
"Homo sapiens FIG4 homolog (S. cerevisiae) (FIG4), mRNA."
"Homo sapiens fidgetin-like 1 (FIGNL1), transcript variant 1, mRNA."
"Homo sapiens fidgetin-like 2 (FIGNL2), mRNA."
"Homo sapiens filamin A interacting protein 1 (FILIP1), mRNA."
"Homo sapiens filamin A interacting protein 1-like (FILIP1L), transcript variant 2, mRNA."
"Homo sapiens FIS (FIS), mRNA."
"Homo sapiens fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) (FIS1), nuclea
"Homo sapiens fat-inducing transcript 1 (FIT1), mRNA."
"Homo sapiens FLT3-interacting zinc finger 1 (FIZ1), mRNA."
"Homo sapiens four jointed box 1 (Drosophila) (FJX1), mRNA."
"Homo sapiens FK506 binding protein 11, 19 kDa (FKBP11), mRNA."
"Homo sapiens FK506 binding protein 14, 22 kDa (FKBP14), mRNA."
"Homo sapiens FK506 binding protein 15, 133kDa (FKBP15), mRNA."
"Homo sapiens FK506 binding protein 1A, 12kDa (FKBP1A), transcript variant 12B, mRNA."
"Homo sapiens FK506 binding protein 1B, 12.6 kDa (FKBP1B), transcript variant 2, mRNA."
"Homo sapiens FK506 binding protein 2, 13kDa (FKBP2), transcript variant 1, mRNA."
"Homo sapiens FK506 binding protein 4, 59kDa (FKBP4), mRNA."
"Homo sapiens FK506 binding protein 5 (FKBP5), mRNA."
"Homo sapiens FK506 binding protein 7 (FKBP7), mRNA."
"Homo sapiens FK506 binding protein 9-like (FKBP9L), mRNA."
"Homo sapiens FK506 binding protein like (FKBPL), mRNA."
"Homo sapiens fukutin related protein (FKRP), transcript variant 1, mRNA."
"Homo sapiens actin-like protein (FKSG30), mRNA."
"Homo sapiens fukutin (FKTN), transcript variant 2, mRNA."
"Homo sapiens folliculin (FLCN), transcript variant 1, mRNA."
"Homo sapiens Friend leukemia virus integration 1 (FLI1), mRNA."
"Homo sapiens flightless I homolog (Drosophila) (FLII), mRNA."
"Homo sapiens hypothetical protein FLJ10081 (FLJ10081), mRNA."
"Homo sapiens hypothetical protein FLJ10213 (FLJ10213), mRNA."
"PREDICTED: Homo sapiens FLJ10246 (FLJ10246), misc RNA."
"Homo sapiens hypothetical protein FLJ10357 (FLJ10357), mRNA."
"Homo sapiens hypothetical protein FLJ10374 (FLJ10374), mRNA."
"Homo sapiens hypothetical protein FLJ10781 (FLJ10781), mRNA."
"Homo sapiens hypothetical protein FLJ10803 (FLJ10803), mRNA."
"Homo sapiens hypothetical protein FLJ10916 (FLJ10916), mRNA."
"Homo sapiens hypothetical protein FLJ10986 (FLJ10986), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ12688 (FLJ12688), mRNA."
"Homo sapiens hypothetical protein FLJ12949 (FLJ12949), transcript variant 1, mRNA."
"Homo sapiens hypothetical protein FLJ13305 (FLJ13305), mRNA. XM_934538 XM_934541 XM
"Homo sapiens hypothetical protein FLJ13614 (FLJ13614), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ14712 (FLJ14712), mRNA."
"Homo sapiens FLJ16323 protein (FLJ16323), mRNA."

"Homo sapiens FLJ16331 protein (FLJ16331), mRNA."
"PREDICTED: Homo sapiens similar to RIKEN cDNA 5830406J20 (FLJ16369), mRNA."
"PREDICTED: Homo sapiens FLJ16686 protein (FLJ16686), mRNA."
"Homo sapiens similar to cyclin I (FLJ16793), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC90024 (FLJ20021), mRNA."
"Homo sapiens hypothetical protein FLJ20254 (FLJ20254), mRNA."
"Homo sapiens RNA-binding protein (FLJ20273), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ20444, transcript variant 2 (FLJ20444), m
"Homo sapiens hypothetical protein FLJ20489 (FLJ20489), mRNA."
"Homo sapiens hypothetical protein FLJ20628 (FLJ20628), mRNA."
"Homo sapiens hypothetical protein FLJ20674 (FLJ20674), mRNA."
"Homo sapiens hypothetical protein FLJ20699 (FLJ20699), mRNA."
"Homo sapiens hypothetical protein FLJ20718 (FLJ20718), transcript variant 1, mRNA."
"Homo sapiens hypothetical protein FLJ20850 (FLJ20850), mRNA."
"Homo sapiens hypothetical protein FLJ20920 (FLJ20920), mRNA."
"Homo sapiens hypothetical protein FLJ21511 (FLJ21511), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ21767, transcript variant 2 (FLJ21767), m
"Homo sapiens hypothetical protein FLJ21839 (FLJ21839), mRNA."
"Homo sapiens endo-beta-N-acetylglucosaminidase (FLJ21865), mRNA."
"Homo sapiens hypothetical protein FLJ21986 (FLJ21986), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ22184 (FLJ22184), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ22222 (FLJ22222), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK026100, transcript variant 2 (FL
"PREDICTED: Homo sapiens hypothetical protein FLJ22531, transcript variant 3 (FLJ22531), m
"PREDICTED: Homo sapiens hypothetical protein FLJ22639 (FLJ22639), misc RNA."
"Homo sapiens hypothetical protein FLJ22662 (FLJ22662), mRNA."
"Homo sapiens hypothetical protein FLJ22795 (FLJ22795), mRNA."
"Homo sapiens hypothetical protein FLJ23754 (FLJ23754), mRNA."
"Homo sapiens hypothetical protein FLJ23834 (FLJ23834), mRNA."
"Homo sapiens uncharacterized serine/threonine-protein kinase SgK494 (FLJ25006), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein FLJ25976 (FLJ25363), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ25404, transcript variant 2 (FLJ25404), m
"Homo sapiens hypothetical protein FLJ25715 (FLJ25715), mRNA."
"Homo sapiens hypothetical locus FLJ25758 (FLJ25758), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC375127 (FLJ26056), mRNA."
"Homo sapiens FLJ26850 protein (FLJ26850), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK130864 (FLJ27354), mRNA."
"PREDICTED: Homo sapiens FLJ27465 protein, transcript variant 2 (FLJ27465), mRNA."
"Homo sapiens hypothetical protein FLJ30058 (FLJ30058), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein A230046P18; cDNA sequence BC0
"PREDICTED: Homo sapiens hypothetical protein FLJ30679 (FLJ30679), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ31306 (FLJ31306), mRNA."
"Homo sapiens FLJ31568 protein (FLJ31568), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ32063), miscRNA."

"Homo sapiens hypothetical protein FLJ32252 (FLJ32252), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ32569 (FLJ32569), mRNA."
"Homo sapiens hypothetical protein FLJ32658 (FLJ32658), mRNA."
"Homo sapiens golgin-like hypothetical protein LOC440321 (FLJ32679), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ32810, transcript variant 2 (FLJ32810), m
"Homo sapiens hypothetical protein FLJ32955 (FLJ32955), mRNA."
"Homo sapiens hypothetical protein FLJ33387 (FLJ33387), mRNA."
"Homo sapiens hypothetical protein FLJ33534 (FLJ33534), mRNA."
"Homo sapiens hypothetical protein FLJ33590 (FLJ33590), mRNA."
"Homo sapiens hypothetical LOC644873 (FLJ33630), non-coding RNA."
"Homo sapiens hypothetical protein FLJ33706 (FLJ33706), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ33996 (FLJ33996), misc RNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ34503), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ34969 (FLJ34969), mRNA."
"Homo sapiens hypothetical LOC401491 (FLJ35024), non-coding RNA."
"Homo sapiens hypothetical protein FLJ35220 (FLJ35220), mRNA."
"Homo sapiens hypothetical LOC255031 (FLJ35390), transcript variant 1, non-coding RNA."
"Homo sapiens FLJ35767 protein (FLJ35767), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ35785, transcript variant 2 (FLJ35785), m
"Homo sapiens hypothetical protein FLJ35801 (FLJ35801), mRNA."
"Homo sapiens FLJ35816 protein (FLJ35816), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ36032 (FLJ36032), mRNA."
"Homo sapiens likely ortholog of MEF2-activating SAP transcriptional regulator (FLJ36070), mR
"PREDICTED: Homo sapiens hypothetical protein FLJ36131, transcript variant 2 (FLJ36131), m
"Homo sapiens hypothetical protein FLJ36166 (FLJ36166), mRNA. XM_934944 XM_934947 XM
"PREDICTED: Homo sapiens hypothetical LOC647115 (FLJ36848), mRNA."
"Homo sapiens hypothetical protein FLJ37078 (FLJ37078), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ37201 (FLJ37201), misc RNA."
"Homo sapiens hypothetical protein FLJ37396 (FLJ37396), mRNA."
"Homo sapiens hypothetical protein FLJ37587 (FLJ37587), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ37673 (FLJ37673), mRNA."
"Homo sapiens hypothetical protein FLJ38377 (FLJ38377), mRNA."
"Homo sapiens hypothetical protein FLJ38482 (FLJ38482), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651430 (FLJ38576), mRNA."
"Homo sapiens FLJ38717 protein (FLJ38717), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ38723), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ38773 (FLJ38773), misc RNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ38969 (FLJ38969), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ39632), miscRNA."
"Homo sapiens hypothetical protein FLJ39653 (FLJ39653), mRNA."
"Homo sapiens hypothetical protein FLJ39827 (FLJ39827), mRNA."
"Homo sapiens protein phosphatase 1B-like (FLJ40125), mRNA."
"PREDICTED: Homo sapiens FLJ40296 protein (FLJ40296), mRNA."
"PREDICTED: Homo sapiens similar to protein immuno-reactive with anti-PTH polyclonal antibo

"PREDICTED: Homo sapiens hypothetical protein FLJ40473 (FLJ40473), misc RNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ40722, transcript variant 4 (FLJ40722), m
"PREDICTED: Homo sapiens similar to Seminal vesicle protein 7 precursor (SVS VII) (Caltrin) (
"PREDICTED: Homo sapiens FLJ41352 protein, transcript variant 11 (FLJ41352), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ41484), miscRNA."
"Homo sapiens FLJ41603 protein (FLJ41603), mRNA."
"Homo sapiens FLJ42177 protein (FLJ42177), mRNA."
"PREDICTED: Homo sapiens misc_RNA (FLJ42289), miscRNA."
"Homo sapiens FLJ42291 protein (FLJ42291), mRNA."
"Homo sapiens FLJ42393 protein (FLJ42393), mRNA."
"PREDICTED: Homo sapiens similar to echinoderm microtubule associated protein like 5, transc
"Homo sapiens hypothetical LOC645644 (FLJ42627), non-coding RNA."
"Homo sapiens FLJ42957 protein (FLJ42957), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642987 (FLJ43080), mRNA."
"Homo sapiens FLJ43093 protein (FLJ43093), mRNA."
"Homo sapiens FLJ43276 protein (FLJ43276), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ43663, transcript variant 2 (FLJ43663), m
"Homo sapiens FLJ43752 protein (FLJ43752), mRNA."
"Homo sapiens FLJ43870 protein (FLJ43870), mRNA."
"PREDICTED: Homo sapiens similar to RIKEN cDNA 4930433I11 gene (FLJ43987), mRNA."
"Homo sapiens hypothetical protein LOC641737 (FLJ44124), mRNA."
"PREDICTED: Homo sapiens FLJ44216 protein (FLJ44216), mRNA."
"Homo sapiens FLJ44290 protein (FLJ44290), mRNA."
"Homo sapiens FLJ44313 protein (FLJ44313), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645460 (FLJ44342), miscRNA."
"Homo sapiens FLJ45244 protein (FLJ45244), mRNA."
"Homo sapiens FLJ45337 protein (FLJ45337), mRNA."
"Homo sapiens FLJ45422 protein (FLJ45422), mRNA."
"Homo sapiens FLJ45832 protein (FLJ45832), mRNA."
"Homo sapiens FLJ46020 protein (FLJ46020), mRNA."
"Homo sapiens FLJ46026 protein (FLJ46026), mRNA."
"Homo sapiens FLJ46156 protein (FLJ46156), mRNA."
"Homo sapiens FLJ46230 protein (FLJ46230), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK128161 (FLJ46284), mRNA."
"Homo sapiens hypothetical protein LOC649598 (FLJ46309), mRNA."
"PREDICTED: Homo sapiens FLJ46361 protein (FLJ46361), mRNA."
"Homo sapiens FLJ46836 protein (FLJ46836), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK128874; BC071813 (FLJ4690
"PREDICTED: Homo sapiens similar to transmembrane protein 106A, transcript variant 3 (FLJ7
"PREDICTED: Homo sapiens hypothetical protein LOC440465 (FLJ90757), misc RNA."
"Homo sapiens filamin A, alpha (actin binding protein 280) (FLNA), mRNA."
"Homo sapiens filamin B, beta (actin binding protein 278) (FLNB), mRNA."
"Homo sapiens filamin C, gamma (actin binding protein 280) (FLNC), mRNA."
"Homo sapiens flotillin 1 (FLOT1), mRNA."

"Homo sapiens flotillin 2 (FLOT2), mRNA."
"Homo sapiens fibronectin leucine rich transmembrane protein 2 (FLRT2), mRNA."
"Homo sapiens fms-related tyrosine kinase 3 ligand (FLT3LG), mRNA."
"Homo sapiens feline leukemia virus subgroup C cellular receptor family, member 2 (FLVCR2),
"Homo sapiens FLYWCH family member 2 (FLYWCH2), mRNA."
"Homo sapiens formin 1 (FMN1), mRNA."
"Homo sapiens formin-like 1 (FMNL1), mRNA."
"Homo sapiens formin-like 2 (FMNL2), mRNA."
"Homo sapiens formin-like 3 (FMNL3), transcript variant 1, mRNA."
"Homo sapiens flavin containing monooxygenase 1 (FMO1), mRNA."
"Homo sapiens flavin containing monooxygenase 4 (FMO4), mRNA."
"Homo sapiens flavin containing monooxygenase 5 (FMO5), mRNA."
"Homo sapiens fibromodulin (FMOD), mRNA."
"Homo sapiens fructosamine-3-kinase-related protein (FN3KRP), mRNA."
"Homo sapiens formin binding protein 1 (FNBP1), mRNA."
"Homo sapiens formin binding protein 1-like (FNBP1L), transcript variant 1, mRNA."
"Homo sapiens formin binding protein 4 (FNBP4), mRNA."
"Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA."
"Homo sapiens fibronectin type III domain containing 3B (FNDC3B), transcript variant 2, mRNA.
"Homo sapiens fibronectin type III domain containing 5 (FNDC5), mRNA."
"Homo sapiens fibronectin type III domain containing 7 (FNDC7), mRNA."
"Homo sapiens folliculin interacting protein 1 (FNIP1), transcript variant 2, mRNA."
"Homo sapiens folliculin interacting protein 2 (FNIP2), mRNA."
"Homo sapiens farnesyltransferase, CAAX box, alpha (FNTA), transcript variant 3, mRNA."
"Homo sapiens farnesyltransferase, CAAX box, beta (FNTB), mRNA."
"Homo sapiens folate receptor 2 (fetal) (FOLR2), mRNA."
"Homo sapiens folate receptor 3 (gamma) (FOLR3), mRNA."
"Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS), mRNA."
"Homo sapiens FBJ murine osteosarcoma viral oncogene homolog B (FOSB), mRNA."
"Homo sapiens forkhead box A3 (FOXA3), mRNA."
"Homo sapiens forkhead box C1 (FOXC1), mRNA."
"Homo sapiens forkhead box C2 (MFH-1, mesenchyme forkhead 1) (FOXC2), mRNA."
"Homo sapiens forkhead box D1 (FOXD1), mRNA."
"Homo sapiens forkhead box D2 (FOXD2), mRNA."
"Homo sapiens forkhead box D4-like 4 (FOXD4L4), mRNA."
"Homo sapiens forkhead box D4-like 5 (FOXD4L5), mRNA."
"Homo sapiens forkhead box F2 (FOXF2), mRNA."
"Homo sapiens forkhead box I2 (FOXI2), mRNA."
"Homo sapiens forkhead box J1 (FOXJ1), mRNA."
"Homo sapiens forkhead box J2 (FOXJ2), mRNA."
"Homo sapiens forkhead box J3 (FOXJ3), mRNA."
"Homo sapiens forkhead box K1 (FOXK1), mRNA."
"Homo sapiens forkhead box L1 (FOXL1), mRNA."
"Homo sapiens forkhead box L2 (FOXL2), mRNA."

"Homo sapiens forkhead box M1 (FOXM1), transcript variant 3, mRNA."
"Homo sapiens forkhead box N1 (FOXN1), mRNA."
"Homo sapiens forkhead box N2 (FOXN2), mRNA."
"Homo sapiens forkhead box O1 (FOXO1), mRNA."
"Homo sapiens forkhead box O3 (FOXO3), transcript variant 1, mRNA."
"Homo sapiens forkhead box O4 (FOXO4), mRNA."
"Homo sapiens forkhead box P1 (FOXP1), transcript variant 1, mRNA."
"Homo sapiens forkhead box P3 (FOXP3), mRNA."
"Homo sapiens forkhead box P4 (FOXP4), transcript variant 1, mRNA."
"Homo sapiens forkhead box R1 (FOXR1), mRNA."
"Homo sapiens FAD-dependent oxidoreductase domain containing 1 (FOXRED1), mRNA."
"Homo sapiens FAD-dependent oxidoreductase domain containing 2 (FOXRED2), mRNA."
"Homo sapiens formyl peptide receptor 1 (FPR1), mRNA."
"Homo sapiens FGF receptor activating protein 1 (FRAG1), mRNA."
"Homo sapiens FK506 binding protein 12-rapamycin associated protein 1 (FRAP1), mRNA."
"Homo sapiens frequently rearranged in advanced T-cell lymphomas (FRAT1), mRNA."
"Homo sapiens frequently rearranged in advanced T-cell lymphomas 2 (FRAT2), mRNA."
"Homo sapiens FSHD region gene 1 (FRG1), mRNA."
"Homo sapiens FSHD region gene 2 family, member C (FRG2C), mRNA."
"Homo sapiens fyn-related kinase (FRK), mRNA."
"Homo sapiens FERM domain containing 3 (FRMD3), mRNA."
"Homo sapiens FERM domain containing 5 (FRMD5), transcript variant 2, mRNA."
"Homo sapiens FERM domain containing 6 (FRMD6), transcript variant 2, mRNA."
"Homo sapiens FERM domain containing 8 (FRMD8), mRNA."
"Homo sapiens ferric-chelate reductase 1 (FRRS1), mRNA."
"Homo sapiens fibroblast growth factor receptor substrate 3 (FRS3), mRNA."
"Homo sapiens FRY-like (FRYL), mRNA."
"Homo sapiens frizzled-related protein (FRZB), mRNA."
"Homo sapiens fibrinogen silencer binding protein (FSBP), mRNA."
"Homo sapiens fibrous sheath CABYR binding protein (FSCB), mRNA."
"Homo sapiens fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus) (FSCN
"Homo sapiens fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpurat
"Homo sapiens fibronectin type III and SPRY domain containing 1 (FSD1), mRNA."
"Homo sapiens fibronectin type III and SPRY domain containing 2 (FSD2), mRNA."
"Homo sapiens fibrous sheath interacting protein 1 (FSIP1), mRNA."
"Homo sapiens follistatin (FST), transcript variant FST317, mRNA."
"Homo sapiens follistatin-like 3 (secreted glycoprotein) (FSTL3), mRNA."
"Homo sapiens follistatin-like 5 (FSTL5), mRNA."
"Homo sapiens ferritin, heavy polypeptide 1 (FTH1), mRNA."
"Homo sapiens ferritin, heavy polypeptide-like 11 (FTHL11) on chromosome 8."
"Homo sapiens ferritin, heavy polypeptide-like 12 (FTHL12) on chromosome 9."
"PREDICTED: Homo sapiens misc_RNA (FTHL16), miscRNA."
"Homo sapiens ferritin, heavy polypeptide-like 2 (FTHL2) on chromosome 1."
"Homo sapiens ferritin, heavy polypeptide-like 3 (FTHL3), non-coding RNA."

"Homo sapiens ferritin, heavy polypeptide-like 7 (FTHL7) on chromosome 13."
"Homo sapiens ferritin, heavy polypeptide-like 8 (FTHL8) on chromosome X."
"Homo sapiens ferritin, light polypeptide (FTL), mRNA."
"Homo sapiens fat mass and obesity associated (FTO), mRNA."
"Homo sapiens FtsJ homolog 1 (E. coli) (FTSJ1), transcript variant 1, mRNA."
"Homo sapiens FtsJ homolog 2 (E. coli) (FTSJ2), transcript variant 2, mRNA."
"Homo sapiens FtsJ homolog 3 (E. coli) (FTSJ3), mRNA."
"Homo sapiens FtsJ methyltransferase domain containing 1 (FTSJD1), transcript variant 1, mRN
"Homo sapiens FtsJ methyltransferase domain containing 2 (FTSJD2), mRNA."
"Homo sapiens far upstream element (FUSE) binding protein 1 (FUBP1), mRNA."
"Homo sapiens far upstream element (FUSE) binding protein 3 (FUBP3), mRNA. XM_945904 X
"Homo sapiens fucosidase, alpha-L- 1, tissue (FUCA1), mRNA."
"Homo sapiens fucokinase (FUK), mRNA."
"Homo sapiens FUN14 domain containing 1 (FUNDC1), mRNA."
"Homo sapiens furin (paired basic amino acid cleaving enzyme) (FURIN), mRNA."
"Homo sapiens fusion (involved in t(12;16) in malignant liposarcoma) (FUS), transcript variant 1,
"Homo sapiens fucosyltransferase 11 (alpha (1,3) fucosyltransferase) (FUT11), mRNA."
"Homo sapiens fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) (FUT4), n
"Homo sapiens fucosyltransferase 6 (alpha (1,3) fucosyltransferase) (FUT6), transcript variant 1
"Homo sapiens fuzzy homolog (Drosophila) (FUZ), mRNA."
"Homo sapiens follicular lymphoma variant translocation 1 (FVT1), mRNA."
"Homo sapiens fracture callus 1 homolog (rat) (FXC1), nuclear gene encoding mitochondrial pro
"Homo sapiens frataxin (FXN), nuclear gene encoding mitochondrial protein, transcript variant 1
"Homo sapiens fragile X mental retardation, autosomal homolog 1 (FXR1), transcript variant 3, r
"Homo sapiens fragile X mental retardation, autosomal homolog 2 (FXR2), mRNA."
"Homo sapiens FXYD domain containing ion transport regulator 1 (FXYD1), transcript variant a,
"Homo sapiens FXYD domain containing ion transport regulator 4 (FXYD4), mRNA."
"Homo sapiens FXYD domain containing ion transport regulator 5 (FXYD5), transcript variant 2,
"Homo sapiens FXYD domain containing ion transport regulator 6 (FXYD6), mRNA."
"Homo sapiens FXYD domain containing ion transport regulator 7 (FXYD7), mRNA."
"Homo sapiens FYVE and coiled-coil domain containing 1 (FYCO1), mRNA."
"Homo sapiens FYN oncogene related to SRC, FGR, YES (FYN), transcript variant 2, mRNA."
"Homo sapiens forty-two-three domain containing 1 (FYTTD1), transcript variant 1, mRNA."
"Homo sapiens frizzled homolog 1 (Drosophila) (FZD1), mRNA."
"Homo sapiens frizzled homolog 2 (Drosophila) (FZD2), mRNA."
"Homo sapiens frizzled homolog 3 (Drosophila) (FZD3), mRNA."
"Homo sapiens frizzled homolog 4 (Drosophila) (FZD4), mRNA."
"Homo sapiens frizzled homolog 5 (Drosophila) (FZD5), mRNA."
"Homo sapiens frizzled homolog 9 (Drosophila) (FZD9), mRNA."
"Homo sapiens fizzy/cell division cycle 20 related 1 (Drosophila) (FZR1), mRNA."
"Homo sapiens GTPase activating protein (SH3 domain) binding protein 1 (G3BP1), transcript v
"Homo sapiens GTPase activating protein (SH3 domain) binding protein 2 (G3BP2), transcript v
"Homo sapiens glucose 6 phosphatase, catalytic, 3 (G6PC3), mRNA."
"Homo sapiens glucose-6-phosphate dehydrogenase (G6PD), transcript variant 1, mRNA."

"Homo sapiens glucosidase, alpha; acid (GAA), transcript variant 1, mRNA."
"Homo sapiens GRB2-associated binding protein 1 (GAB1), transcript variant 1, mRNA."
"Homo sapiens GRB2-associated binding protein 2 (GAB2), transcript variant 1, mRNA."
"Homo sapiens GRB2-associated binding protein 3 (GAB3), transcript variant 1, mRNA."
"Homo sapiens GABA(A) receptor-associated protein (GABARAP), mRNA."
"Homo sapiens GABA(A) receptor-associated protein like 1 (GABARAPL1), mRNA."
"Homo sapiens GABA(A) receptor-associated protein-like 2 (GABARAPL2), mRNA."
"Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1), transcript variant 4,
"Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 2 (GABBR2), mRNA."
"Homo sapiens GA binding protein transcription factor, beta subunit 1 (GABPB1), transcript vari
"Homo sapiens GA binding protein transcription factor, beta subunit 2 (GABPB2), transcript vari
"Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 5 (GABRA5), mRNA."
"Homo sapiens gamma-aminobutyric acid (GABA) A receptor, beta 1 (GABRB1), mRNA."
"Homo sapiens gamma-aminobutyric acid (GABA) A receptor, pi (GABRP), mRNA."
"Homo sapiens glutamate decarboxylase 1 (brain, 67kDa) (GAD1), transcript variant GAD25, m
"Homo sapiens growth arrest and DNA-damage-inducible, alpha (GADD45A), mRNA."
"Homo sapiens growth arrest and DNA-damage-inducible, beta (GADD45B), mRNA."
"Homo sapiens growth arrest and DNA-damage-inducible, gamma (GADD45G), mRNA."
"Homo sapiens growth arrest and DNA-damage-inducible, gamma interacting protein 1 (GADD4
"Homo sapiens G antigen 12H (GAGE12H), mRNA."
"Homo sapiens cyclin G associated kinase (GAK), mRNA. XM_943600 XM_943603"
"Homo sapiens galactose-3-O-sulfotransferase 4 (GAL3ST4), mRNA."
"Homo sapiens galactosylceramidase (GALC), transcript variant 1, mRNA."
"Homo sapiens UDP-galactose-4-epimerase (GALE), transcript variant 2, mRNA."
"Homo sapiens galactokinase 1 (GALK1), mRNA."
"Homo sapiens galactokinase 2 (GALK2), transcript variant 2, mRNA."
"Homo sapiens galactose mutarotase (aldose 1-epimerase) (GALM), mRNA."
"Homo sapiens galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysacc
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransf
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransf
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransf
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransf
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe
"Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe
"Homo sapiens galanin receptor 2 (GALR2), mRNA."
"Homo sapiens galactose-1-phosphate uridylyltransferase (GALT), mRNA."
"Homo sapiens guanidinoacetate N-methyltransferase (GAMT), transcript variant 2, mRNA."
"Homo sapiens gigaxonin (GAN), mRNA."
"Homo sapiens glucosidase, alpha; neutral AB (GANAB), transcript variant 2, mRNA."
"Homo sapiens glucosidase, alpha; neutral C (GANC), mRNA."
"Homo sapiens growth associated protein 43 (GAP43), mRNA."

"Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH), mRNA."
"Homo sapiens GRB2-binding adaptor protein, transmembrane (GAPT), mRNA."
"Homo sapiens GTPase activating protein and VPS9 domains 1 (GAPVD1), mRNA."
"Homo sapiens GAR1 ribonucleoprotein homolog (yeast) (GAR1), transcript variant 1, mRNA."
"Homo sapiens GTPase activating Rap/RanGAP domain-like 4 (GARNL4), mRNA."
"Homo sapiens glycyl-tRNA synthetase (GARS), mRNA."
"Homo sapiens phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synth
"Homo sapiens growth arrest-specific 2 (GAS2), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens growth arrest-specific 5 (GAS5), misc RNA."
"Homo sapiens growth arrest-specific 8 (GAS8), mRNA."
"Homo sapiens GATA binding protein 3 (GATA3), transcript variant 2, mRNA."
"Homo sapiens GATA zinc finger domain containing 1 (GATAD1), mRNA."
"Homo sapiens GATA zinc finger domain containing 2A (GATAD2A), mRNA."
"Homo sapiens GATA zinc finger domain containing 2B (GATAD2B), mRNA."
"Homo sapiens glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial) (GATC), m
"Homo sapiens glycine amidinotransferase (L-arginine:glycine amidinotransferase) (GATM), nuc
"Homo sapiens opposite strand transcription unit to STAG3 (GATS), mRNA."
"Homo sapiens glucosidase, beta; acid (includes glucosylceramidase) (GBA), transcript variant
"Homo sapiens glucosidase, beta (bile acid) 2 (GBA2), mRNA."
"Homo sapiens glioblastoma amplified sequence (GBAS), mRNA."
"Homo sapiens glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Anderse
"Homo sapiens golgi-specific brefeldin A resistant guanine nucleotide exchange factor 1 (GBF1)
"Homo sapiens globoside alpha-1,3-N-acetylgalactosaminyltransferase 1 (GBGT1), mRNA."
"Homo sapiens guanylate binding protein 1, interferon-inducible, 67kDa (GBP1), mRNA."
"Homo sapiens guanylate binding protein 2, interferon-inducible (GBP2), mRNA."
"Homo sapiens guanylate binding protein 3 (GBP3), mRNA."
"Homo sapiens guanylate binding protein 4 (GBP4), mRNA."
"Homo sapiens guanylate binding protein 5 (GBP5), mRNA."
"Homo sapiens guanylate binding protein 7 (GBP7), mRNA."
"Homo sapiens group-specific component (vitamin D binding protein) (GC), mRNA."
"Homo sapiens grancalcin, EF-hand calcium binding protein (GCA), mRNA."
"Homo sapiens glycine C-acetyltransferase (2-amino-3-ketobutyrate coenzyme A ligase) (GCAT
"Homo sapiens GRIP and coiled-coil domain containing 1 (GCC1), mRNA."
"Homo sapiens GRIP and coiled-coil domain containing 2 (GCC2), transcript variant 2, mRNA."
"Homo sapiens glutaryl-Coenzyme A dehydrogenase (GCDH), nuclear gene encoding mitochon
"Homo sapiens germinal center expressed transcript 2 (GCET2), transcript variant 1, mRNA."
"Homo sapiens glucagon (GCG), mRNA."
"Homo sapiens GTP cyclohydrolase 1 (GCH1), transcript variant 1, mRNA."
"Homo sapiens GTP cyclohydrolase I feedback regulator (GCHFR), mRNA."
"Homo sapiens glutamate-cysteine ligase, catalytic subunit (GCLC), mRNA."
"Homo sapiens glial cells missing homolog 1 (Drosophila) (GCM1), mRNA."
"Homo sapiens glial cells missing homolog 2 (Drosophila) (GCM2), mRNA."
"Homo sapiens GCN1 general control of amino-acid synthesis 1-like 1 (yeast) (GCN1L1), mRNA
"Homo sapiens glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltra

"Homo sapiens glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group) (GCN
"PREDICTED: Homo sapiens glucosaminyl (N-acetyl) transferase 6 (GCNT6), mRNA."
"Homo sapiens GRINL1A combined protein (Gcom1), transcript variant 7, mRNA."
"Homo sapiens glycine cleavage system protein H (aminomethyl carrier) (GCSH), mRNA."
"Homo sapiens guanine deaminase (GDA), mRNA."
"Homo sapiens ganglioside-induced differentiation-associated protein 1 (GDAP1), transcript vari
"Homo sapiens ganglioside induced differentiation associated protein 2 (GDAP2), mRNA."
"Homo sapiens glycerophosphodiester phosphodiesterase 1 (GDE1), mRNA."
"Homo sapiens growth differentiation factor 11 (GDF11), mRNA."
"PREDICTED: Homo sapiens misc_RNA (GDF5OS), miscRNA."
"Homo sapiens GDP dissociation inhibitor 1 (GDI1), mRNA."
"Homo sapiens GDP dissociation inhibitor 2 (GDI2), mRNA."
"Homo sapiens glycerophosphodiester phosphodiesterase domain containing 1 (GDPD1), mRN
"Homo sapiens glycerophosphodiester phosphodiesterase domain containing 2 (GDPD2), mRN
"Homo sapiens glycerophosphodiester phosphodiesterase domain containing 5 (GDPD5), mRN
"Homo sapiens GTP binding protein overexpressed in skeletal muscle (GEM), transcript variant
"Homo sapiens gem (nuclear organelle) associated protein 4 (GEMIN4), mRNA."
"Homo sapiens gem (nuclear organelle) associated protein 5 (GEMIN5), mRNA."
"Homo sapiens gem (nuclear organelle) associated protein 6 (GEMIN6), mRNA."
"Homo sapiens gem (nuclear organelle) associated protein 8 (GEMIN8), transcript variant 2, mR
"Homo sapiens Gen homolog 1, endonuclease (Drosophila) (GEN1), mRNA."
"Homo sapiens growth factor independent 1 transcription repressor (GFI1), mRNA."
"Homo sapiens G elongation factor, mitochondrial 1 (GFM1), nuclear gene encoding mitochondı
"Homo sapiens G elongation factor, mitochondrial 2 (GFM2), nuclear gene encoding mitochondı
"Homo sapiens glucose-fructose oxidoreductase domain containing 1 (GFOD1), mRNA."
"Homo sapiens glutamine-fructose-6-phosphate transaminase 1 (GFPT1), mRNA."
"Homo sapiens GDNF family receptor alpha 2 (GFRA2), transcript variant 1, mRNA."
"Homo sapiens GDNF family receptor alpha 3 (GFRA3), mRNA."
"Homo sapiens golgi associated, gamma adaptin ear containing, ARF binding protein 1 (GGA1),
"Homo sapiens golgi associated, gamma adaptin ear containing, ARF binding protein 2 (GGA2),
"Homo sapiens golgi associated, gamma adaptin ear containing, ARF binding protein 3 (GGA3),
"Homo sapiens gamma-glutamyl cyclotransferase (GGCT), mRNA."
"Homo sapiens gamma-glutamyl carboxylase (GGCX), mRNA."
"Homo sapiens gamma-glutamyl hydrolase (conjugase, folylpolygammaglutamyl hydrolase) (GG
"Homo sapiens gametogenetin binding protein 2 (GGNBP2), mRNA."
"Homo sapiens gamma-glutamyltransferase 7 (GGT7), mRNA."
"Homo sapiens gamma-glutamyltransferase 8 pseudogene (GGT8P), non-coding RNA."
"Homo sapiens glycoprotein, alpha-galactosyltransferase 1 (GGTA1), non-coding RNA."
"Homo sapiens gamma-glutamyltransferase-like 3 (GGTL3), transcript variant 2, mRNA."
"Homo sapiens GH3 domain containing (GHDC), mRNA."
"Homo sapiens growth hormone inducible transmembrane protein (GHITM), mRNA."
"Homo sapiens GRB10 interacting GYF protein 1 (GIGYF1), mRNA."
"Homo sapiens GTPase, IMAP family member 2 (GIMAP2), mRNA."
"Homo sapiens GTPase, IMAP family member 4 (GIMAP4), mRNA."

"Homo sapiens GTPase, IMAP family member 8 (GIMAP8), mRNA."
"Homo sapiens gypsy retrotransposon integrase 1 (GIN1), mRNA."
"Homo sapiens GINS complex subunit 2 (Psf2 homolog) (GINS2), mRNA."
"Homo sapiens GINS complex subunit 3 (Psf3 homolog) (GINS3), mRNA."
"Homo sapiens GINS complex subunit 4 (Sld5 homolog) (GINS4), mRNA."
"Homo sapiens GIPC PDZ domain containing family, member 1 (GIPC1), transcript variant 3, m
"Homo sapiens G protein-coupled receptor kinase interactor 2 (GIT2), transcript variant 3, mRN
"Homo sapiens GIY-YIG domain containing 1 (GIYD1), transcript variant 1, mRNA."
"Homo sapiens GIY-YIG domain containing 2 (GIYD2), transcript variant 2, mRNA."
"Homo sapiens gap junction protein, beta 2, 26kDa (GJB2), mRNA."
"Homo sapiens gap junction protein, beta 6 (GJB6), mRNA."
"Homo sapiens gap junction protein, gamma 1, 45kDa (GJC1), transcript variant 2, mRNA."
"Homo sapiens gap junction protein, gamma 2, 47kDa (GJC2), mRNA."
"Homo sapiens gap junction protein, gamma 3, 30.2kDa (GJC3), mRNA."
"Homo sapiens glycerol kinase (GK), transcript variant 2, mRNA."
"Homo sapiens glycerol kinase 5 (putative) (GK5), mRNA."
"Homo sapiens G kinase anchoring protein 1 (GKAP1), mRNA."
"Homo sapiens galactosidase, alpha (GLA), mRNA."
"Homo sapiens galactosidase, beta 1 (GLB1), transcript variant 179423, mRNA."
"Homo sapiens galactosidase, beta 1-like (GLB1L), mRNA."
"Homo sapiens galactosidase, beta 1-like 3 (GLB1L3), mRNA."
"Homo sapiens glucocorticoid induced transcript 1 (GLCCI1), mRNA."
"Homo sapiens glucuronic acid epimerase (GLCE), mRNA."
"Homo sapiens glycine dehydrogenase (decarboxylating) (GLDC), mRNA."
"Homo sapiens GLE1 RNA export mediator homolog (yeast) (GLE1), transcript variant 1, mRNA
"Homo sapiens golgi apparatus protein 1 (GLG1), mRNA."
"Homo sapiens glioma-associated oncogene homolog 1 (zinc finger protein) (GLI1), mRNA."
"Homo sapiens GLI family zinc finger 4 (GLI4), mRNA."
"Homo sapiens GLI pathogenesis-related 1 (GLIPR1), mRNA."
"Homo sapiens GLI pathogenesis-related 2 (GLIPR2), mRNA."
"Homo sapiens GLIS family zinc finger 3 (GLIS3), transcript variant 2, mRNA."
"Homo sapiens glomulin, FKBP associated protein (GLMN), mRNA."
"Homo sapiens glyoxalase I (GLO1), mRNA."
"Homo sapiens glyoxalase domain containing 4 (GLOD4), mRNA."
"Homo sapiens glycine receptor, alpha 2 (GLRA2), mRNA."
"Homo sapiens glycine receptor, alpha 3 (GLRA3), transcript variant 2, mRNA."
"Homo sapiens glutaredoxin (thioltransferase) (GLRX), mRNA."
"Homo sapiens glutaredoxin 2 (GLRX2), transcript variant 1, mRNA."
"Homo sapiens glutaredoxin 3 (GLRX3), mRNA."
"Homo sapiens glutaredoxin 5 (GLRX5), mRNA."
"Homo sapiens glutaminase (GLS), mRNA."
"Homo sapiens glutaminase 2 (liver, mitochondrial) (GLS2), nuclear gene encoding mitochondri
"Homo sapiens glycosyltransferase 1 domain containing 1 (GLT1D1), mRNA."
"Homo sapiens glycosyltransferase 25 domain containing 1 (GLT25D1), mRNA."

"Homo sapiens glycosyltransferase 6 domain containing 1 (GLT6D1), mRNA."
"Homo sapiens glycosyltransferase 8 domain containing 1 (GLT8D1), transcript variant 3, mRNA
"Homo sapiens glycosyltransferase 8 domain containing 2 (GLT8D2), mRNA."
"Homo sapiens glycolipid transfer protein (GLTP), mRNA."
"Homo sapiens glycolipid transfer protein domain containing 1 (GLTPD1), mRNA."
"Homo sapiens glioma tumor suppressor candidate region gene 1 (GLTSCR1), mRNA."
"Homo sapiens glutamate dehydrogenase 1 (GLUD1), mRNA."
"Homo sapiens glycine-N-acyltransferase-like 2 (GLYATL2), mRNA."
"Homo sapiens glycerate kinase (GLYCTK), mRNA."
"Homo sapiens GM2 ganglioside activator (GM2A), mRNA."
"Homo sapiens germ cell-less homolog 1 (Drosophila) (GMCL1), mRNA."
"Homo sapiens GDP-mannose 4,6-dehydratase (GMDS), mRNA."
"Homo sapiens glucocorticoid modulatory element binding protein 1 (GMEB1), transcript variant
"Homo sapiens glucocorticoid modulatory element binding protein 2 (GMEB2), mRNA."
"Homo sapiens glia maturation factor, beta (GMFB), mRNA."
"Homo sapiens glia maturation factor, gamma (GMFG), mRNA."
"Homo sapiens GEM interacting protein (GMIP), mRNA."
"Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA), transcript variant 2, mRNA."
"Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB), transcript variant 2, mRNA."
"Homo sapiens guanosine monophosphate reductase (GMPR), mRNA."
"Homo sapiens guanosine monophosphate reductase 2 (GMPR2), transcript variant 2, mRNA."
"Homo sapiens guanine monphosphate synthetase (GMPS), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), alpha 11 (Gq class) (GNA11), m
"Homo sapiens guanine nucleotide binding protein (G protein) alpha 12 (GNA12), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), alpha 13 (GNA13), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), alpha 14 (GNA14), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), alpha 15 (Gq class) (GNA15), m
"Homo sapiens guanine nucleotide binding protein (G protein), alpha inhibiting activity polypepti
"Homo sapiens guanine nucleotide binding protein (G protein), alpha inhibiting activity polypepti
"Homo sapiens guanine nucleotide binding protein (G protein), alpha transducing activity polype
"Homo sapiens guanine nucleotide binding protein (G protein), alpha z polypeptide (GNAZ), mR
"Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 1 (GNB1), mRN
"Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 1-like (GNB1L),
"Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNB2), mRN
"Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 3 (GNB3), mRN
"Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 4 (GNB4), mRN
"Homo sapiens guanine nucleotide binding protein (G protein), beta 5 (GNB5), transcript variant
"Homo sapiens glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase (GNE),
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 10 (GNG10), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 11 (GNG11), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 2 (GNG2), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 4 (GNG4), transcript vari
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 5 (GNG5), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), gamma 7 (GNG7), mRNA."

"Homo sapiens guanine nucleotide binding protein (G protein), gamma 8 (GNG8), mRNA."
"Homo sapiens guanine nucleotide binding protein (G protein), gamma transducing activity polyp
"Homo sapiens guanine nucleotide binding protein-like 1 (GNL1), mRNA."
"Homo sapiens guanine nucleotide binding protein-like 2 (nucleolar) (GNL2), mRNA."
"Homo sapiens guanine nucleotide binding protein-like 3 (nucleolar) (GNL3), transcript variant 3
"Homo sapiens guanine nucleotide binding protein-like 3 (nucleolar)-like (GNL3L), mRNA."
"Homo sapiens glyceronephosphate O-acyltransferase (GNPAT), mRNA."
"Homo sapiens glucosamine-6-phosphate deaminase 1 (GNPDA1), mRNA."
"Homo sapiens glucosamine-6-phosphate deaminase 2 (GNPDA2), mRNA."
"Homo sapiens glucosamine-phosphate N-acetyltransferase 1 (GNPNAT1), mRNA."
"Homo sapiens N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits (GNPTA
"Homo sapiens N-acetylglucosamine-1-phosphate transferase, gamma subunit (GNPTG), mRNA
"Homo sapiens glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID) (GNS), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 2 (GOLGA2), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 2-like, Y-linked 2 (GOLGA2LY2), non-codi
"Homo sapiens golgi autoantigen, golgin subfamily a, 3 (GOLGA3), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 4 (GOLGA4), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 5 (GOLGA5), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 6A (GOLGA6A), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 6B (GOLGA6B), mRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 7 (GOLGA7), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens golgi autoantigen, golgin subfamily a, 8F, transcript variant 2 (GOL
"Homo sapiens golgin B1, golgi integral membrane protein (GOLGB1), mRNA."
"Homo sapiens golgi integral membrane protein 4 (GOLIM4), mRNA."
"Homo sapiens golgi membrane protein 1 (GOLM1), transcript variant 2, mRNA."
"Homo sapiens golgi phosphoprotein 3-like (GOLPH3L), mRNA."
"Homo sapiens golgi phosphoprotein 4 (GOLPH4), mRNA."
"Homo sapiens Golgi-localized protein (GOLSYN), transcript variant 7, mRNA."
"Homo sapiens golgi transport 1 homolog A (S. cerevisiae) (GOLT1A), mRNA."
"Homo sapiens golgi transport 1 homolog B (S. cerevisiae) (GOLT1B), mRNA."
"Homo sapiens gon-4-like (C. elegans) (GON4L), transcript variant 1, mRNA."
"Homo sapiens golgi associated PDZ and coiled-coil motif containing (GOPC), transcript variant
"Homo sapiens golgi reassembly stacking protein 1, 65kDa (GORASP1), mRNA."
"Homo sapiens golgi reassembly stacking protein 2, 55kDa (GORASP2), mRNA."
"Homo sapiens golgi SNAP receptor complex member 1 (GOSR1), transcript variant 1, mRNA."
"Homo sapiens golgi SNAP receptor complex member 2 (GOSR2), transcript variant A, mRNA."
"Homo sapiens glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) (G
"Homo sapiens glutamic-oxaloacetic transaminase 1-like 1 (GOT1L1), mRNA."
"Homo sapiens glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase
"Homo sapiens glycoprotein V (platelet) (GP5), mRNA."
"Homo sapiens glycoprotein IX (platelet) (GP9), mRNA."
"Homo sapiens glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast) (GPA
"Homo sapiens glycerol-3-phosphate acyltransferase, mitochondrial (GPAM), nuclear gene enco
"Homo sapiens glycerol-3-phosphate acyltransferase 2, mitochondrial (GPAT2), nuclear gene en

"Homo sapiens G patch domain containing 4 (GPATC4), transcript variant 3, mRNA."
"Homo sapiens G patch domain containing 1 (GPATCH1), mRNA."
"Homo sapiens G patch domain containing 2 (GPATCH2), mRNA."
"Homo sapiens G patch domain containing 3 (GPATCH3), mRNA."
"Homo sapiens G patch domain containing 4 (GPATCH4), transcript variant 2, mRNA."
"Homo sapiens G protein-coupled bile acid receptor 1 (GPBAR1), transcript variant 3, mRNA."
"Homo sapiens GC-rich promoter binding protein 1 (GPBP1), mRNA."
"Homo sapiens GC-rich promoter binding protein 1-like 1 (GPBP1L1), mRNA."
"Homo sapiens glypican 2 (GPC2), mRNA."
"Homo sapiens glypican 4 (GPC4), mRNA."
"Homo sapiens glypican 5 (GPC5), mRNA."
"Homo sapiens glypican 6 (GPC6), mRNA."
"Homo sapiens glycerol-3-phosphate dehydrogenase 1 (soluble) (GPD1), mRNA."
"Homo sapiens glycerol-3-phosphate dehydrogenase 1-like (GPD1L), mRNA."
"Homo sapiens G protein-coupled estrogen receptor 1 (GPER), transcript variant 3, mRNA."
"Homo sapiens glycoprotein hormone beta 5 (GPHB5), mRNA."
"Homo sapiens glucose phosphate isomerase (GPI), mRNA."
"Homo sapiens G patch domain and KOW motifs (GPKOW), mRNA."
"Homo sapiens glycosylphosphatidylinositol specific phospholipase D1 (GPLD1), transcript varia
"Homo sapiens glycoprotein M6A (GPM6A), transcript variant 2, mRNA."
"Homo sapiens glycoprotein M6B (GPM6B), transcript variant 1, mRNA."
"Homo sapiens GPN-loop GTPase 1 (GPN1), mRNA."
"Homo sapiens GPN-loop GTPase 2 (GPN2), mRNA."
"Homo sapiens GPN-loop GTPase 3 (GPN3), mRNA."
"Homo sapiens glycoprotein (transmembrane) nmb (GPNMB), transcript variant 2, mRNA."
"Homo sapiens G protein-coupled receptor 1 (GPR1), transcript variant 2, mRNA."
"Homo sapiens G protein-coupled receptor 101 (GPR101), mRNA."
"Homo sapiens G protein-coupled receptor 103 (GPR103), mRNA."
"Homo sapiens G protein-coupled receptor 107 (GPR107), mRNA."
"Homo sapiens G protein-coupled receptor 108 (GPR108), transcript variant 1, mRNA."
"Homo sapiens G protein-coupled receptor 114 (GPR114), mRNA."
"Homo sapiens G protein-coupled receptor 124 (GPR124), mRNA."
"Homo sapiens G protein-coupled receptor 126 (GPR126), transcript variant a2, mRNA."
"Homo sapiens G protein-coupled receptor 128 (GPR128), mRNA."
"Homo sapiens G protein-coupled receptor 132 (GPR132), mRNA."
"Homo sapiens G protein-coupled receptor 135 (GPR135), mRNA."
"Homo sapiens G protein-coupled receptor 137 (GPR137), mRNA."
"Homo sapiens G protein-coupled receptor 137B (GPR137B), mRNA."
"Homo sapiens G protein-coupled receptor 137C (GPR137C), mRNA."
"Homo sapiens G protein-coupled receptor 139 (GPR139), mRNA."
"Homo sapiens G protein-coupled receptor 143 (GPR143), mRNA."
"Homo sapiens G protein-coupled receptor 144 (GPR144), mRNA."
"Homo sapiens G protein-coupled receptor 146 (GPR146), mRNA."
"Homo sapiens G protein-coupled receptor 148 (GPR148), mRNA."

"Homo sapiens G protein-coupled receptor 15 (GPR15), mRNA."
"Homo sapiens G protein-coupled receptor 156 (GPR156), mRNA."
"Homo sapiens G protein-coupled receptor 160 (GPR160), mRNA."
"Homo sapiens G protein-coupled receptor 161 (GPR161), transcript variant 1, mRNA."
"Homo sapiens G protein-coupled receptor 162 (GPR162), transcript variant A-2, mRNA."
"Homo sapiens G protein-coupled receptor 17 (GPR17), mRNA."
"Homo sapiens G protein-coupled receptor 172A (GPR172A), mRNA."
"Homo sapiens G protein-coupled receptor 175 (GPR175), mRNA."
"Homo sapiens G protein-coupled receptor 18 (GPR18), transcript variant 2, mRNA."
"Homo sapiens G protein-coupled receptor 180 (GPR180), mRNA."
"Homo sapiens G protein-coupled receptor 182 (GPR182), mRNA."
"Homo sapiens G protein-coupled receptor 183 (GPR183), mRNA."
"Homo sapiens G protein-coupled receptor 19 (GPR19), mRNA."
"Homo sapiens G protein-coupled receptor 20 (GPR20), mRNA."
"Homo sapiens G protein-coupled receptor 27 (GPR27), mRNA."
"Homo sapiens G protein-coupled receptor 3 (GPR3), mRNA."
"Homo sapiens G protein-coupled receptor 45 (GPR45), mRNA."
"Homo sapiens G protein-coupled receptor 52 (GPR52), mRNA."
"Homo sapiens G protein-coupled receptor 55 (GPR55), mRNA."
"Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 1, mRNA."
"Homo sapiens G protein-coupled receptor 6 (GPR6), mRNA."
"Homo sapiens G protein-coupled receptor 61 (GPR61), mRNA."
"Homo sapiens G protein-coupled receptor 63 (GPR63), mRNA."
"Homo sapiens G protein-coupled receptor 65 (GPR65), mRNA."
"Homo sapiens G protein-coupled receptor 75 (GPR75), mRNA."
"Homo sapiens G protein-coupled receptor 89A (GPR89A), mRNA."
"Homo sapiens G protein-coupled receptor 89B (GPR89B), mRNA."
"Homo sapiens G protein-coupled receptor 89C (GPR89C), mRNA."
"Homo sapiens G protein-coupled receptor, family C, group 5, member C (GPRC5C), transcript
"Homo sapiens G protein regulated inducer of neurite outgrowth 1 (GPRIN1), mRNA."
"Homo sapiens G protein pathway suppressor 2 (GPS2), mRNA."
"PREDICTED: Homo sapiens G-protein signalling modulator 1 (AGS3-like, C. elegans) (GPSM1
"Homo sapiens G-protein signalling modulator 2 (AGS3-like, C. elegans) (GPSM2), mRNA."
"Homo sapiens G-protein signaling modulator 3 (AGS3-like, C. elegans) (GPSM3), mRNA."
"Homo sapiens glutamic pyruvate transaminase (alanine aminotransferase) 2 (GPT2), mRNA."
"Homo sapiens glutathione peroxidase 1 (GPX1), transcript variant 2, mRNA."
"Homo sapiens glutathione peroxidase 3 (plasma) (GPX3), mRNA."
"Homo sapiens glutathione peroxidase 4 (phospholipid hydroperoxidase) (GPX4), transcript vari
"Homo sapiens glutathione peroxidase 7 (GPX7), mRNA."
"Homo sapiens GRAM domain containing 1A (GRAMD1A), mRNA."
"Homo sapiens GRAM domain containing 1B (GRAMD1B), mRNA."
"Homo sapiens GRAM domain containing 1C (GRAMD1C), mRNA."
"Homo sapiens GRAM domain containing 3 (GRAMD3), mRNA."
"Homo sapiens GRAM domain containing 4 (GRAMD4), mRNA."

"PREDICTED: Homo sapiens GRB2-related adaptor protein (GRAP), mRNA."
"Homo sapiens GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein (GI
"Homo sapiens growth factor receptor-bound protein 14 (GRB14), mRNA."
"Homo sapiens growth factor receptor-bound protein 2 (GRB2), transcript variant 1, mRNA."
"Homo sapiens growth regulation by estrogen in breast cancer 1 (GREB1), transcript variant c, r
"Homo sapiens grainyhead-like 1 (Drosophila) (GRHL1), transcript variant 1, mRNA."
"Homo sapiens glyoxylate reductase/hydroxypyruvate reductase (GRHPR), mRNA."
"Homo sapiens glutamate receptor, ionotrophic, AMPA 3 (GRIA3), transcript variant flop, mRNA
"Homo sapiens glutamate receptor, ionotropic, delta 2 (GRID2), mRNA."
"Homo sapiens glutamate receptor, ionotropic, kainate 2 (GRIK2), transcript variant 1, mRNA."
"Homo sapiens glutamate receptor, ionotropic, kainate 3 (GRIK3), mRNA."
"Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 1 (GRIN1), transcript varia
"Homo sapiens glutamate receptor, ionotropic, N-methyl-D-aspartate 3B (GRIN3B), mRNA."
"Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (gluta
"Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (GRINL1A), transcr
"Homo sapiens GRIP1 associated protein 1 (GRIPAP1), transcript variant 1, mRNA."
"Homo sapiens G protein-coupled receptor kinase 1 (GRK1), mRNA."
"Homo sapiens G protein-coupled receptor kinase 4 (GRK4), transcript variant 3, mRNA."
"Homo sapiens G protein-coupled receptor kinase 5 (GRK5), mRNA."
"Homo sapiens G protein-coupled receptor kinase 6 (GRK6), transcript variant 2, mRNA."
"Homo sapiens glutamate receptor, metabotropic 2 (GRM2), mRNA."
"Homo sapiens glutamate receptor, metabotropic 8 (GRM8), mRNA."
"Homo sapiens granulin (GRN), mRNA."
"Homo sapiens gastrin-releasing peptide (GRP), transcript variant 3, mRNA."
"Homo sapiens GrpE-like 1, mitochondrial (E. coli) (GRPEL1), nuclear gene encoding mitochon
"Homo sapiens GrpE-like 2, mitochondrial (E. coli) (GRPEL2), nuclear gene encoding mitochon
"Homo sapiens glycine/arginine rich protein 1 (GRRP1), mRNA."
"Homo sapiens G-rich RNA sequence binding factor 1 (GRSF1), transcript variant 2, mRNA."
"Homo sapiens growth hormone regulated TBC protein 1 (GRTP1), mRNA."
"Homo sapiens glutamate-rich WD repeat containing 1 (GRWD1), mRNA."
"Homo sapiens gasdermin A (GSDMA), mRNA."
"Homo sapiens gasdermin B (GSDMB), transcript variant 1, mRNA."
"Homo sapiens gasdermin C (GSDMC), mRNA."
"Homo sapiens gasdermin D (GSDMD), mRNA."
"Homo sapiens germ cell associated 2 (haspin) (GSG2), mRNA."
"Homo sapiens glycogen synthase kinase 3 beta (GSK3B), mRNA."
"Homo sapiens G1 to S phase transition 1 (GSPT1), mRNA."
"Homo sapiens G1 to S phase transition 2 (GSPT2), mRNA."
"Homo sapiens glutathione reductase (GSR), mRNA."
"Homo sapiens glutathione synthetase (GSS), mRNA."
"Homo sapiens glutathione S-transferase alpha 2 (GSTA2), mRNA."
"Homo sapiens glutathione S-transferase A3 (GSTA3), mRNA."
"Homo sapiens glutathione S-transferase A4 (GSTA4), mRNA."
"Homo sapiens glutathione S-transferase kappa 1 (GSTK1), mRNA."

"Homo sapiens glutathione S-transferase M1 (GSTM1), transcript variant 1, mRNA."
"Homo sapiens glutathione S-transferase M2 (muscle) (GSTM2), mRNA."
"Homo sapiens glutathione S-transferase M3 (brain) (GSTM3), mRNA."
"Homo sapiens glutathione S-transferase M4 (GSTM4), transcript variant 1, mRNA."
"Homo sapiens glutathione S-transferase omega 1 (GSTO1), mRNA."
"Homo sapiens glutathione S-transferase omega 2 (GSTO2), mRNA."
"Homo sapiens glutathione S-transferase pi (GSTP1), mRNA."
"Homo sapiens glutathione S-transferase theta 1 (GSTT1), mRNA."
"Homo sapiens glutathione S-transferase theta 2 (GSTT2), mRNA."
"Homo sapiens glutathione S-transferase theta 2B (gene/pseudogene) (GSTT2B), mRNA."
"Homo sapiens glutathione transferase zeta 1 (maleylacetoacetate isomerase) (GSTZ1), transcı
"Homo sapiens glycosyltransferase-like domain containing 1 (GTDC1), transcript variant 1, mRN
"Homo sapiens general transcription factor IIB (GTF2B), mRNA."
"Homo sapiens general transcription factor IIE, polypeptide 1 (alpha subunit, 56kD) (GTF2E1), r
"Homo sapiens general transcription factor IIE, polypeptide 2, beta 34kDa (GTF2E2), mRNA."
"Homo sapiens general transcription factor IIF, polypeptide 1, 74kDa (GTF2F1), mRNA."
"Homo sapiens general transcription factor IIF, polypeptide 2, 30kDa (GTF2F2), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 1, 62kDa (GTF2H1), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 2, 44kDa (GTF2H2), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 2D (GTF2H2D), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 3, 34kDa (GTF2H3), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 4, 52kDa (GTF2H4), mRNA."
"Homo sapiens general transcription factor IIH, polypeptide 5 (GTF2H5), mRNA."
"PREDICTED: Homo sapiens general transcription factor II, i (GTF2I), mRNA."
"Homo sapiens general transcription factor II, i, pseudogene 1 (GTF2IP1) on chromosome 7."
"Homo sapiens GTF2I repeat domain containing 1 (GTF2IRD1), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens GTF2I repeat domain containing 2 (GTF2IRD2), mRNA."
"Homo sapiens GTF2I repeat domain containing 2B (GTF2IRD2B), mRNA."
"Homo sapiens GTF2I repeat domain containing 2 pseudogene (GTF2IRD2P), non-coding RNA
"Homo sapiens general transcription factor IIIA (GTF3A), mRNA."
"Homo sapiens general transcription factor IIIC, polypeptide 1, alpha 220kDa (GTF3C1), mRNA
"Homo sapiens general transcription factor IIIC, polypeptide 2, beta 110kDa (GTF3C2), transcrip
"Homo sapiens general transcription factor IIIC, polypeptide 3, 102kDa (GTF3C3), mRNA."
"Homo sapiens general transcription factor IIIC, polypeptide 5, 63kDa (GTF3C5), mRNA."
"Homo sapiens GTP binding protein 1 (GTPBP1), mRNA."
"Homo sapiens GTP-binding protein 10 (putative) (GTPBP10), transcript variant 1, mRNA."
"Homo sapiens GTP binding protein 2 (GTPBP2), mRNA."
"Homo sapiens GTP binding protein 3 (mitochondrial) (GTPBP3), nuclear gene encoding mitoch
"Homo sapiens GTP binding protein 4 (GTPBP4), mRNA."
"Homo sapiens GTP binding protein 6 (putative) (GTPBP6), mRNA."
"Homo sapiens GTP-binding protein 8 (putative) (GTPBP8), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens Gilles de la Tourette syndrome chromosome region, candidate 1 (
"Homo sapiens G-2 and S-phase expressed 1 (GTSE1), mRNA."
"Homo sapiens gametocyte specific factor 1 (GTSF1), mRNA."

"Homo sapiens guanylate cyclase activator 1A (retina) (GUCA1A), mRNA."
"Homo sapiens guanylate cyclase activator 2B (uroguanylin) (GUCA2B), mRNA."
"Homo sapiens guanylate cyclase 1, soluble, alpha 2 (GUCY1A2), mRNA."
"Homo sapiens guanylate cyclase 1, soluble, alpha 3 (GUCY1A3), mRNA."
"Homo sapiens guanylate cyclase 1, soluble, beta 2 (GUCY1B2), mRNA."
"Homo sapiens guanylate cyclase 2C (heat stable enterotoxin receptor) (GUCY2C), mRNA."
"Homo sapiens GUF1 GTPase homolog (S. cerevisiae) (GUF1), mRNA."
"Homo sapiens guanylate kinase 1 (GUK1), mRNA."
"Homo sapiens glucuronidase, beta (GUSB), mRNA."
"Homo sapiens glucuronidase, beta-like 1 (GUSBL1), mRNA."
"Homo sapiens glucuronidase, beta-like 2 (GUSBL2), transcript variant 3, mRNA."
"Homo sapiens glucoside xylosyltransferase 1 (GXYLT1), transcript variant 2, mRNA."
"Homo sapiens glucoside xylosyltransferase 2 (GXYLT2), mRNA."
"Homo sapiens glycogenin 1 (GYG1), mRNA."
"Homo sapiens glycosyltransferase-like 1B (GYLTL1B), mRNA."
"Homo sapiens glycophorin C (Gerbich blood group) (GYPC), transcript variant 2, mRNA."
"Homo sapiens glycogen synthase 1 (muscle) (GYS1), mRNA."
"Homo sapiens GDNF-inducible zinc finger protein 1 (GZF1), mRNA."
"Homo sapiens granzyme K (granzyme 3; tryptase II) (GZMK), mRNA."
"Homo sapiens granzyme M (lymphocyte met-ase 1) (GZMM), mRNA."
"Homo sapiens H1 histone family, member 0 (H1F0), mRNA."
"Homo sapiens H1 histone family, member N, testis-specific (H1FNT), mRNA."
"Homo sapiens H1 histone family, member X (H1FX), mRNA."
"Homo sapiens H2A histone family, member B1 (H2AFB1), mRNA."
"Homo sapiens H2A histone family, member J (H2AFJ), transcript variant 1, mRNA."
"Homo sapiens H2A histone family, member X (H2AFX), mRNA."
"Homo sapiens H2A histone family, member Y (H2AFY), transcript variant 2, mRNA."
"Homo sapiens H2A histone family, member Y2 (H2AFY2), mRNA."
"Homo sapiens H2A histone family, member Z (H2AFZ), mRNA."
"PREDICTED: Homo sapiens H2B histone family, member M (H2BFM), mRNA."
"Homo sapiens H3 histone, family 3A (H3F3A), mRNA."
"Homo sapiens H3 histone, family 3B (H3.3B) (H3F3B), mRNA."
"Homo sapiens hyaluronan binding protein 4 (HABP4), mRNA."
"Homo sapiens HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 (HAC
"Homo sapiens 2-hydroxyacyl-CoA lyase 1 (HACL1), mRNA."
"Homo sapiens hydroxyacyl-Coenzyme A dehydrogenase (HADH), nuclear gene encoding mito
"Homo sapiens hydroxyacyl-Coenzyme A dehydrogenase, type II (HADH2), transcript variant 1,
"Homo sapiens hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoy
"Homo sapiens hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoy
"Homo sapiens hydroxyacylglutathione hydrolase (HAGH), nuclear gene encoding mitochondria
"Homo sapiens hydroxyacylglutathione hydrolase-like (HAGHL), transcript variant 2, mRNA."
"Homo sapiens histidine ammonia-lyase (HAL), mRNA."
"Homo sapiens hepcidin antimicrobial peptide (HAMP), mRNA."
"Homo sapiens hyaluronan and proteoglycan link protein 2 (HAPLN2), mRNA."

"Homo sapiens hyaluronan and proteoglycan link protein 3 (HAPLN3), mRNA."
"Homo sapiens hyaluronan and proteoglycan link protein 4 (HAPLN4), mRNA."
"Homo sapiens harbinger transposase derived 1 (HARBI1), mRNA."
"Homo sapiens histidyl-tRNA synthetase 2, mitochondrial (putative) (HARS2), nuclear gene enc
"Homo sapiens HAS2 antisense RNA (non-protein coding) (HAS2AS), antisense RNA."
"Homo sapiens histone acetyltransferase 1 (HAT1), transcript variant 1, mRNA."
"Homo sapiens HAUS augmin-like complex, subunit 4 (HAUS4), mRNA."
"Homo sapiens HAUS augmin-like complex, subunit 5 (HAUS5), mRNA. XM_945898"
"Homo sapiens HAUS augmin-like complex, subunit 6 (HAUS6), mRNA."
"Homo sapiens HAUS augmin-like complex, subunit 8 (HAUS8), transcript variant 1, mRNA."
"Homo sapiens hepatitis A virus cellular receptor 2 (HAVCR2), mRNA."
"Homo sapiens HCLS1 associated protein X-1 (HAX1), transcript variant 1, mRNA."
"Homo sapiens hemoglobin, alpha 1 (HBA1), mRNA."
"Homo sapiens hemoglobin, alpha 2 (HBA2), mRNA."
"Homo sapiens hemoglobin, beta (HBB), mRNA."
"Homo sapiens hemoglobin, delta (HBD), mRNA."
"Homo sapiens heparin-binding EGF-like growth factor (HBEGF), mRNA."
"Homo sapiens hemoglobin, mu (HBM), mRNA."
"Homo sapiens HMG-box transcription factor 1 (HBP1), mRNA."
"Homo sapiens hemoglobin, theta 1 (HBQ1), mRNA."
"Homo sapiens HBS1-like (S. cerevisiae) (HBS1L), mRNA."
"Homo sapiens hepatitis B virus x interacting protein (HBXIP), mRNA."
"Homo sapiens HCCA2 protein (HCCA2), mRNA."
"Homo sapiens holocytochrome c synthase (cytochrome c heme-lyase) (HCCS), mRNA."
"Homo sapiens host cell factor C1 (VP16-accessory protein) (HCFC1), mRNA."
"Homo sapiens host cell factor C1 regulator 1 (XPO1 dependent) (HCFC1R1), transcript variant
"Homo sapiens host cell factor C2 (HCFC2), mRNA."
"PREDICTED: Homo sapiens HLA complex group 18 (HCG18), mRNA."
"PREDICTED: Homo sapiens HLA complex group 22 (HCG22), mRNA."
"Homo sapiens HLA complex group 26 (non-protein coding) (HCG26), non-coding RNA."
"Homo sapiens HLA complex group 27 (HCG27), mRNA."
"Homo sapiens HLA complex group 2 pseudogene 7 (HCG2P7), non-coding RNA."
"Homo sapiens HLA complex group 4 (HCG4), non-coding RNA."
"Homo sapiens hemopoietic cell kinase (HCK), mRNA."
"Homo sapiens hematopoietic cell-specific Lyn substrate 1 (HCLS1), mRNA."
"Homo sapiens hyperpolarization activated cyclic nucleotide-gated potassium channel 3 (HCN3)
"Homo sapiens HLA complex P5 (HCP5), mRNA."
"PREDICTED: Homo sapiens hepatocellular carcinoma-related HCRP1 (HCRP1), mRNA."
"Homo sapiens hematopoietic cell signal transducer (HCST), transcript variant 2, mRNA."
"Homo sapiens histone deacetylase 1 (HDAC1), mRNA."
"Homo sapiens histone deacetylase 10 (HDAC10), mRNA."
"Homo sapiens histone deacetylase 11 (HDAC11), mRNA."
"Homo sapiens histone deacetylase 2 (HDAC2), mRNA."
"Homo sapiens histone deacetylase 3 (HDAC3), mRNA."

"Homo sapiens histone deacetylase 4 (HDAC4), mRNA."
"Homo sapiens histone deacetylase 6 (HDAC6), mRNA."
"Homo sapiens histone deacetylase 7 (HDAC7), transcript variant 4, mRNA."
"Homo sapiens histone deacetylase 7A (HDAC7A), transcript variant 3, mRNA."
"Homo sapiens histone deacetylase 8 (HDAC8), mRNA."
"Homo sapiens histone deacetylase 9 (HDAC9), transcript variant 3, mRNA."
"Homo sapiens HD domain containing 2 (HDDC2), mRNA."
"Homo sapiens HD domain containing 3 (HDDC3), mRNA."
"Homo sapiens hepatoma-derived growth factor (high-mobility group protein 1-like) (HDGF), mR
"Homo sapiens hepatoma-derived growth factor-related protein 2 (HDGF2), transcript variant 1,
"Homo sapiens hepatoma derived growth factor-like 1 (HDGFL1), mRNA."
"Homo sapiens hepatoma-derived growth factor, related protein 3 (HDGFRP3), mRNA."
"Homo sapiens haloacid dehalogenase-like hydrolase domain containing 1A (HDHD1A), mRNA
"Homo sapiens haloacid dehalogenase-like hydrolase domain containing 2 (HDHD2), mRNA."
"Homo sapiens haloacid dehalogenase-like hydrolase domain containing 3 (HDHD3), mRNA."
"Homo sapiens high density lipoprotein binding protein (HDLBP), transcript variant 1, mRNA."
"Homo sapiens HEAT repeat containing 1 (HEATR1), mRNA."
"Homo sapiens HEAT repeat containing 2 (HEATR2), mRNA. XM_935824 XM_935825"
"Homo sapiens HEAT repeat containing 3 (HEATR3), mRNA."
"Homo sapiens HEAT repeat containing 5A (HEATR5A), mRNA."
"Homo sapiens HEAT repeat containing 5B (HEATR5B), mRNA."
"Homo sapiens HEAT repeat containing 6 (HEATR6), mRNA."
"Homo sapiens HEAT repeat containing 7A (HEATR7A), transcript variant 3, mRNA."
"Homo sapiens heme binding protein 1 (HEBP1), mRNA."
"Homo sapiens heme binding protein 2 (HEBP2), mRNA."
"Homo sapiens headcase homolog (Drosophila) (HECA), mRNA."
"Homo sapiens HECT domain containing 1 (HECTD1), mRNA."
"Homo sapiens HECT domain containing 2 (HECTD2), transcript variant 1, mRNA."
"Homo sapiens HECT domain containing 3 (HECTD3), mRNA."
"Homo sapiens HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2 (HECW2), r
"Homo sapiens HEG homolog 1 (zebrafish) (HEG1), mRNA."
"Homo sapiens helicase (DNA) B (HELB), mRNA."
"Homo sapiens helicase, lymphoid-specific (HELLS), mRNA."
"Homo sapiens helicase, POLQ-like (HELQ), mRNA."
"Homo sapiens helicase with zinc finger (HELZ), mRNA."
"Homo sapiens HemK methyltransferase family member 1 (HEMK1), mRNA."
"Homo sapiens HEPACAM family member 2 (HEPACAM2), transcript variant 2, mRNA."
"Homo sapiens hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1
"Homo sapiens hect domain and RLD 2 (HERC2), mRNA."
Homo sapiens hect domain and RLD 2 pseudogene 2 (HERC2P2) on chromosome 15.
"Homo sapiens hect domain and RLD 3 (HERC3), mRNA."
"Homo sapiens hect domain and RLD 4 (HERC4), transcript variant 2, mRNA."
"Homo sapiens hect domain and RLD 5 (HERC5), mRNA."
"Homo sapiens hect domain and RLD 6 (HERC6), transcript variant 1, mRNA."

"Homo sapiens homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like d
"Homo sapiens HERPUD family member 2 (HERPUD2), mRNA."
"Homo sapiens hairy and enhancer of split 1, (Drosophila) (HES1), mRNA."
"Homo sapiens hairy and enhancer of split 2 (Drosophila) (HES2), mRNA."
"Homo sapiens hairy and enhancer of split 4 (Drosophila) (HES4), mRNA."
"Homo sapiens hairy and enhancer of split 5 (Drosophila) (HES5), mRNA."
"Homo sapiens hairy and enhancer of split 6 (Drosophila) (HES6), mRNA."
"Homo sapiens HESX homeobox 1 (HESX1), mRNA."
"Homo sapiens hexosaminidase A (alpha polypeptide) (HEXA), mRNA."
"Homo sapiens hexosaminidase B (beta polypeptide) (HEXB), mRNA."
"Homo sapiens hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing (HE
"Homo sapiens hexamthylene bis-acetamide inducible 2 (HEXIM2), mRNA."
"Homo sapiens hairy/enhancer-of-split related with YRPW motif 1 (HEY1), transcript variant 2, n
"Homo sapiens hairy/enhancer-of-split related with YRPW motif 2 (HEY2), mRNA."
"Homo sapiens hairy/enhancer-of-split related with YRPW motif-like (HEYL), mRNA."
"Homo sapiens hemochromatosis (HFE), transcript variant 1, mRNA."
"Homo sapiens HFM1, ATP-dependent DNA helicase homolog (S. cerevisiae) (HFM1), mRNA."
"Homo sapiens homogentisate 1,2-dioxygenase (homogentisate oxidase) (HGD), mRNA."
"Homo sapiens hepatocyte growth factor (hepapoietin A; scatter factor) (HGF), transcript variant
"Homo sapiens hepatocyte growth factor-regulated tyrosine kinase substrate (HGS), mRNA."
"Homo sapiens hedgehog acyltransferase (HHAT), mRNA."
"Homo sapiens hematopoietically expressed homeobox (HHEX), mRNA."
"Homo sapiens HERV-H LTR-associating 3 (HHLA3), transcript variant 2, mRNA."
"Homo sapiens hippocampus abundant transcript 1 (HIAT1), mRNA."
"Homo sapiens hippocampus abundant transcript-like 1 (HIATL1), mRNA."
"Homo sapiens hippocampus abundant transcript-like 2 (HIATL2), non-coding RNA."
"Homo sapiens 3-hydroxyisobutyrate dehydrogenase (HIBADH), mRNA."
"Homo sapiens 3-hydroxyisobutyryl-Coenzyme A hydrolase (HIBCH), nuclear gene encoding mi
"Homo sapiens hypermethylated in cancer 2 (HIC2), mRNA."
"Homo sapiens hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription fact
"Homo sapiens hypoxia inducible factor 1, alpha subunit inhibitor (HIF1AN), mRNA."
"Homo sapiens HIG1 hypoxia inducible domain family, member 1A (HIGD1A), transcript variant
"Homo sapiens HIG1 hypoxia inducible domain family, member 2A (HIGD2A), mRNA."
"Homo sapiens HIG1 hypoxia inducible domain family, member 2B (pseudogene) (HIGD2B), no
"Homo sapiens histone H4 transcription factor (HINFP), transcript variant 1, mRNA."
"Homo sapiens histidine triad nucleotide binding protein 1 (HINT1), mRNA."
"Homo sapiens histidine triad nucleotide binding protein 2 (HINT2), mRNA."
"Homo sapiens histidine triad nucleotide binding protein 3 (HINT3), mRNA."
"Homo sapiens huntingtin interacting protein 1 (HIP1), mRNA."
"PREDICTED: Homo sapiens huntingtin interacting protein-1-related, transcript variant 2 (HIP1F
"Homo sapiens huntingtin interacting protein 2 (HIP2), mRNA."
"Homo sapiens homeodomain interacting protein kinase 2 (HIPK2), mRNA."
"Homo sapiens HIR histone cell cycle regulation defective homolog A (S. cerevisiae) (HIRA), mF
"Homo sapiens HIRA interacting protein 3 (HIRIP3), mRNA."

"Homo sapiens histidine acid phosphatase domain containing 2A (HISPPD2A), transcript varian
"Homo sapiens histone 1, H1a (HIST1H1A), mRNA."
"Homo sapiens histone cluster 1, H1c (HIST1H1C), mRNA."
"Homo sapiens histone cluster 1, H1d (HIST1H1D), mRNA."
"Homo sapiens histone cluster 1, H1e (HIST1H1E), mRNA."
"Homo sapiens histone cluster 1, H2ab (HIST1H2AB), mRNA."
"Homo sapiens histone cluster 1, H2ac (HIST1H2AC), mRNA."
"Homo sapiens histone cluster 1, H2ae (HIST1H2AE), mRNA."
"Homo sapiens histone cluster 1, H2ag (HIST1H2AG), mRNA."
"Homo sapiens histone cluster 1, H2ah (HIST1H2AH), mRNA."
"Homo sapiens histone cluster 1, H2am (HIST1H2AM), mRNA."
"Homo sapiens histone cluster 1, H2bc (HIST1H2BC), mRNA."
"Homo sapiens histone cluster 1, H2bd (HIST1H2BD), transcript variant 2, mRNA."
"Homo sapiens histone cluster 1, H2be (HIST1H2BE), mRNA."
"Homo sapiens histone cluster 1, H2bf (HIST1H2BF), mRNA."
"Homo sapiens histone cluster 1, H2bg (HIST1H2BG), mRNA."
"Homo sapiens histone cluster 1, H2bh (HIST1H2BH), mRNA."
"Homo sapiens histone cluster 1, H2bj (HIST1H2BJ), mRNA."
"Homo sapiens histone cluster 1, H2bk (HIST1H2BK), mRNA."
"Homo sapiens histone cluster 1, H2bm (HIST1H2BM), mRNA."
"Homo sapiens histone cluster 1, H2bn (HIST1H2BN), mRNA."
"Homo sapiens histone cluster 1, H3a (HIST1H3A), mRNA."
"Homo sapiens histone cluster 1, H3b (HIST1H3B), mRNA."
"Homo sapiens histone cluster 1, H3d (HIST1H3D), mRNA."
"Homo sapiens histone cluster 1, H3f (HIST1H3F), mRNA."
"Homo sapiens histone cluster 1, H3g (HIST1H3G), mRNA."
"Homo sapiens histone cluster 1, H3h (HIST1H3H), mRNA."
"Homo sapiens histone cluster 1, H3j (HIST1H3J), mRNA."
"Homo sapiens histone cluster 1, H4a (HIST1H4A), mRNA."
"Homo sapiens histone cluster 1, H4b (HIST1H4B), mRNA."
"Homo sapiens histone cluster 1, H4c (HIST1H4C), mRNA."
"Homo sapiens histone cluster 1, H4e (HIST1H4E), mRNA."
"Homo sapiens histone cluster 1, H4h (HIST1H4H), mRNA."
"Homo sapiens histone cluster 1, H4i (HIST1H4I), mRNA."
"Homo sapiens histone cluster 1, H4j (HIST1H4J), mRNA."
"Homo sapiens histone cluster 1, H4k (HIST1H4K), mRNA."
"Homo sapiens histone cluster 2, H2aa3 (HIST2H2AA3), mRNA."
"Homo sapiens histone cluster 2, H2aa4 (HIST2H2AA4), mRNA."
"Homo sapiens histone cluster 2, H2ab (HIST2H2AB), mRNA."
"Homo sapiens histone cluster 2, H2ac (HIST2H2AC), mRNA."
"Homo sapiens histone cluster 2, H2be (HIST2H2BE), mRNA."
"Homo sapiens histone cluster 2, H2bf (HIST2H2BF), mRNA."
"Homo sapiens histone cluster 2, H3a (HIST2H3A), mRNA."
"Homo sapiens histone cluster 2, H3c (HIST2H3C), mRNA."

"Homo sapiens histone cluster 2, H3d (HIST2H3D), mRNA."
"Homo sapiens histone cluster 2, H4a (HIST2H4A), mRNA."
"Homo sapiens histone cluster 2, H4b (HIST2H4B), mRNA."
"Homo sapiens histone cluster 3, H2a (HIST3H2A), mRNA."
"Homo sapiens histone cluster 3, H2bb (HIST3H2BB), mRNA."
"Homo sapiens histone cluster 4, H4 (HIST4H4), mRNA."
"Homo sapiens human immunodeficiency virus type I enhancer binding protein 1 (HIVEP1), mR
"Homo sapiens human immunodeficiency virus type I enhancer binding protein 2 (HIVEP2), mR
"Homo sapiens human immunodeficiency virus type I enhancer binding protein 3 (HIVEP3), mR
"Homo sapiens Holliday junction recognition protein (HJURP), mRNA."
"Homo sapiens hexokinase 1 (HK1), nuclear gene encoding mitochondrial protein, transcript var
"Homo sapiens hexokinase 2 (HK2), mRNA."
"Homo sapiens hexokinase domain containing 1 (HKDC1), mRNA."
"Homo sapiens major histocompatibility complex, class I, A (HLA-A), mRNA."
"Homo sapiens major histocompatibility complex class I HLA-A29.1 (HLA-A29.1), mRNA. XM_0
"Homo sapiens major histocompatibility complex, class I, B (HLA-B), mRNA."
"Homo sapiens major histocompatibility complex, class I, C (HLA-C), mRNA."
"Homo sapiens major histocompatibility complex, class II, DM alpha (HLA-DMA), mRNA."
"Homo sapiens major histocompatibility complex, class II, DM beta (HLA-DMB), mRNA."
"Homo sapiens major histocompatibility complex, class II, DO alpha (HLA-DOA), mRNA."
"Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DOB), mRNA."
"Homo sapiens major histocompatibility complex, class II, DP alpha 1 (HLA-DPA1), mRNA."
"Homo sapiens major histocompatibility complex, class II, DP beta 1 (HLA-DPB1), mRNA."
"Homo sapiens major histocompatibility complex, class II, DP beta 2 (pseudogene) (HLA-DPB2)
"PREDICTED: Homo sapiens major histocompatibility complex, class II, DQ alpha 1, transcript v
"Homo sapiens major histocompatibility complex, class II, DQ beta 1 (HLA-DQB1), mRNA."
"Homo sapiens major histocompatibility complex, class II, DQ beta 2 (HLA-DQB2), mRNA."
"Homo sapiens major histocompatibility complex, class II, DR alpha (HLA-DRA), mRNA."
"Homo sapiens major histocompatibility complex, class II, DR beta 1 (HLA-DRB1), mRNA."
"Homo sapiens major histocompatibility complex, class II, DR beta 3 (HLA-DRB3), mRNA."
"Homo sapiens major histocompatibility complex, class II, DR beta 4 (HLA-DRB4), mRNA."
"Homo sapiens major histocompatibility complex, class II, DR beta 6 (pseudogene) (HLA-DRB6)
"Homo sapiens major histocompatibility complex, class I, E (HLA-E), mRNA."
"Homo sapiens major histocompatibility complex, class I, F (HLA-F), transcript variant 1, mRNA.
"Homo sapiens HLA-G histocompatibility antigen, class I, G (HLA-G), mRNA."
"Homo sapiens major histocompatibility complex, class I, H (pseudogene) (HLA-H), non-coding
"Homo sapiens holocarboxylase synthetase (biotin-(proprionyl-Coenzyme A-carboxylase (ATP-h
"Homo sapiens helicase-like transcription factor (HLTF), transcript variant 1, mRNA."
"Homo sapiens H2.0-like homeobox (HLX), mRNA."
"Homo sapiens homeobox HB9 (HLXB9), mRNA."
"Homo sapiens homeobox containing 1 (HMBOX1), mRNA."
"Homo sapiens hydroxymethylbilane synthase (HMBS), transcript variant 1, mRNA."
"Homo sapiens high-mobility group 20A (HMG20A), mRNA."
"Homo sapiens high-mobility group 20B (HMG20B), mRNA."

"Homo sapiens high mobility group AT-hook 1 (HMGA1), transcript variant 6, mRNA."
"Homo sapiens high-mobility group box 1 (HMGB1), mRNA."
"Homo sapiens high-mobility group box 1-like 1 (HMGB1L1), mRNA."
"Homo sapiens high-mobility group box 2 (HMGB2), mRNA."
"Homo sapiens high-mobility group box 3 (HMGB3), mRNA."
"Homo sapiens 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase (HMGCL), nuclear gene en
"Homo sapiens 3-hydroxy-3-methylglutaryl-Coenzyme A reductase (HMGCR), mRNA."
"Homo sapiens 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble) (HMGCS1), transc
"Homo sapiens high-mobility group nucleosome binding domain 1 (HMGN1), mRNA."
"Homo sapiens high-mobility group nucleosomal binding domain 2 (HMGN2), mRNA."
"Homo sapiens high mobility group nucleosomal binding domain 3 (HMGN3), transcript variant 1
"Homo sapiens high mobility group nucleosomal binding domain 4 (HMGN4), mRNA."
"Homo sapiens HMG box domain containing 4 (HMGXB4), transcript variant 2, mRNA."
"Homo sapiens histocompatibility (minor) HB-1 (HMHB1), mRNA."
"Homo sapiens hyaluronan-mediated motility receptor (RHAMM) (HMMR), transcript variant 2, m
"Homo sapiens heme oxygenase (decycling) 1 (HMOX1), mRNA."
"Homo sapiens heme oxygenase (decycling) 2 (HMOX2), mRNA."
"Homo sapiens H6 family homeobox 2 (HMX2), mRNA."
"Homo sapiens hematological and neurological expressed 1 (HN1), transcript variant 1, mRNA."
"Homo sapiens hematological and neurological expressed 1-like (HN1L), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein A0 (HNRNPA0), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1), transcript variant 2, m
"Homo sapiens heterogeneous nuclear ribonucleoprotein A1-like 2 (HNRNPA1L2), transcript var
"Homo sapiens heterogeneous nuclear ribonucleoprotein A2/B1 (HNRNPA2B1), transcript varia
"Homo sapiens heterogeneous nuclear ribonucleoprotein A3 (HNRNPA3), mRNA."
Homo sapiens heterogeneous nuclear ribonucleoprotein A3 pseudogene 1 (HNRNPA3P1) on ch
"Homo sapiens heterogeneous nuclear ribonucleoprotein A/B (HNRNPAB), transcript variant 2,
"Homo sapiens heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRNPC), transcript varia
"Homo sapiens heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding prote
"Homo sapiens heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 2, mRI
"Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRNPH1), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein H2 (H') (HNRNPH2), transcript variant
"Homo sapiens heterogeneous nuclear ribonucleoprotein H3 (2H9) (HNRNPH3), transcript varia
"Homo sapiens heterogeneous nuclear ribonucleoprotein K (HNRNPK), transcript variant 3, mR
"Homo sapiens heterogeneous nuclear ribonucleoprotein L (HNRNPL), transcript variant 2, mRN
"Homo sapiens heterogeneous nuclear ribonucleoprotein M (HNRNPM), transcript variant 2, mR
"Homo sapiens heterogeneous nuclear ribonucleoprotein R (HNRNPR), transcript variant 2, mR
"Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 1 (HNRNPUL1), transcript varia
"Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 2 (HNRNPUL2), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene (HNRPA1L-2), non-co
"PREDICTED: Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene 4 (HNR
"Homo sapiens heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant
"Homo sapiens heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRPC), transcript variant
"Homo sapiens heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), transcript variant 3,

"Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein H3 (2H9) (HNRPH3), transcript varian
"Homo sapiens heterogeneous nuclear ribonucleoprotein K (HNRPK), transcript variant 3, mRN
"Homo sapiens heterogeneous nuclear ribonucleoprotein L-like (HNRPLL), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein M (HNRPM), transcript variant 1, mR
"Homo sapiens heterogeneous nuclear ribonucleoprotein R (HNRPR), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 1 (HNRPUL1), transcript varian
"PREDICTED: Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 2 (HNRPUL2), m
"Homo sapiens homer homolog 1 (Drosophila) (HOMER1), mRNA."
"Homo sapiens homer homolog 2 (Drosophila) (HOMER2), transcript variant 3, mRNA."
"Homo sapiens homer homolog 3 (Drosophila) (HOMER3), mRNA."
"Homo sapiens homeobox and leucine zipper encoding (HOMEZ), mRNA."
"Homo sapiens hook homolog 2 (Drosophila) (HOOK2), transcript variant 1, mRNA."
"Homo sapiens hook homolog 3 (Drosophila) (HOOK3), mRNA."
"Homo sapiens HOP homeobox (HOPX), transcript variant 1, mRNA."
"Homo sapiens hox transcript antisense RNA (non-protein coding) (HOTAIR), antisense RNA."
"Homo sapiens HOXA11 antisense RNA (non-protein coding) (HOXA11AS), antisense RNA."
"Homo sapiens homeobox A13 (HOXA13), mRNA."
"Homo sapiens homeobox A5 (HOXA5), mRNA."
"Homo sapiens homeobox A6 (HOXA6), mRNA."
"Homo sapiens homeobox B2 (HOXB2), mRNA."
"Homo sapiens homeo box B4 (HOXB4), mRNA."
"Homo sapiens homeobox B7 (HOXB7), mRNA."
"Homo sapiens homeobox B8 (HOXB8), mRNA."
"Homo sapiens homeobox C4 (HOXC4), transcript variant 1, mRNA."
"Homo sapiens homeobox C6 (HOXC6), transcript variant 2, mRNA."
"Homo sapiens homeobox C8 (HOXC8), mRNA."
"Homo sapiens homeobox D12 (HOXD12), mRNA."
"Homo sapiens homeobox D3 (HOXD3), mRNA."
"Homo sapiens homeobox D4 (HOXD4), mRNA."
"Homo sapiens heterochromatin protein 1, binding protein 3 (HP1BP3), mRNA."
"Homo sapiens hippocalcin (HPCA), mRNA."
"Homo sapiens hippocalcin-like 1 (HPCAL1), transcript variant 2, mRNA."
"Homo sapiens hippocalcin like 4 (HPCAL4), mRNA."
"Homo sapiens 4-hydroxyphenylpyruvate dioxygenase-like (HPDL), mRNA."
"Homo sapiens hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGD), mRNA."
"Homo sapiens hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome) (HPRT1), r
"Homo sapiens Hermansky-Pudlak syndrome 1 (HPS1), transcript variant 3, mRNA."
"Homo sapiens Hermansky-Pudlak syndrome 3 (HPS3), mRNA."
"Homo sapiens Hermansky-Pudlak syndrome 4 (HPS4), transcript variant 4, mRNA."
"Homo sapiens Hermansky-Pudlak syndrome 5 (HPS5), transcript variant 1, mRNA."
"Homo sapiens heparanase (HPSE), mRNA."
"Homo sapiens v-Ha-ras Harvey rat sarcoma viral oncogene homolog (HRAS), transcript varian
"Homo sapiens HRAS-like suppressor 2 (HRASLS2), mRNA."

"Homo sapiens HRAS-like suppressor 3 (HRASLS3), mRNA."
"Homo sapiens HIV-1 Rev binding protein (HRB), mRNA."
"Homo sapiens histidine rich calcium binding protein (HRC), mRNA."
"Homo sapiens histamine receptor H1 (HRH1), mRNA."
"Homo sapiens Tara-like protein (HRIHFB2122), transcript variant 2, mRNA."
"Homo sapiens harakiri, BCL2 interacting protein (contains only BH3 domain) (HRK), mRNA."
"Homo sapiens heat-responsive protein 12 (HRSP12), mRNA."
"Homo sapiens cDNA FLJ26539 fis, clone KDN09310"
"BX102688 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGp998H094996, mRNA sequenc
"BX106314 Soares retina N2b4HR Homo sapiens cDNA clone IMAGp998B20830, mRNA seque
"17000532611997 GRN_EB Homo sapiens cDNA 5, mRNA sequence"
"BX114061 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998F051794, mRNA sequen
"zu98b06.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:746003 3, mRNA sequence
full-length cDNA clone CS0DM001YA20 of Fetal liver of Homo sapiens (human)
"BX417162 Homo sapiens PLACENTA Homo sapiens cDNA clone CS0DE005YO02 5-PRIME,
"Homo sapiens cDNA FLJ37173 fis, clone BRACE2028392"
"Homo sapiens cDNA FLJ41853 fis, clone NT2RI3004161"
"AGENCOURT_14360862 NIH_MGC_187 Homo sapiens cDNA clone IMAGE:30405414 5, mR
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"Homo sapiens cDNA: FLJ23313 fis, clone HEP11919"
"BX117133 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGp998M0769, mRNA sequ
"ag03b01.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1056169 3, mRNA sequen
"BX108566 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998K171830, mRNA sequen
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"602275987F1 NIH_MGC_85 Homo sapiens cDNA clone IMAGE:4363989 5, mRNA sequence"
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"df120d03.w1 Morton Fetal Cochlea Homo sapiens cDNA clone IMAGE:2539829 3, mRNA sequ
"BX112643 Soares pineal gland 3NbHPG Homo sapiens cDNA clone IMAGp998A24920, mRNA
"BX089093 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998J203332 ; IMAGE:13218
"BX088735 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998C083329 ; IMAGE:13205
"BX088952 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998J223329 ; IMAGE:13206
"BX089065 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998M053390 ; IMAGE:13441
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"BX104407 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998O13369, mR
"qn52b08.x1 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGE:1901847 3, mRNA sequence
"af87f08.s1 Soares_testis_NHT Homo sapiens cDNA clone 1049031 3, mRNA sequence"
"ai78b04.s1 Soares_testis_NHT Homo sapiens cDNA clone 1376911 3, mRNA sequence"
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"UI-H-DH1-axg-m-05-0-UI.s1 NCI_CGAP_DH1 Homo sapiens cDNA clone IMAGE:5828524 3,

"hd27b07.y1 Human Retina cDNA (Un-normalized, unamplified): hd/he Homo sapiens cDNA clo
"BX118370 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998P183859, mRNA s
"te57e04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2090814 3, mRNA se
Homo sapiens cDNA clone IMAGE:4812643
"qh86e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1853902 3, mRNA s
"BX118421 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998D144012, mRNA s
"Homo sapiens cDNA FLJ34899 fis, clone NT2NE2018594"
"Homo sapiens cDNA FLJ36663 fis, clone UTERU2002826"
"AGENCOURT_7914287 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:6156595 5, mRNA
"BX110351 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGp998C243778, mRNA sequence
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"BX097369 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998C223714, mRNA s
"BX100484 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998P084001, mRNA s
"kdef14 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2349594, mRNA sequenc
Homo sapiens cDNA clone IMAGE:5269228
"BX103136 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998L033559, mRNA sequen
"BX093647 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998F023561 ; IMAGE:14096
"oh02d10.y5 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGE:1456627 5, mRNA sequence
full-length cDNA clone CS0DI004YB08 of Placenta Cot 25-normalized of Homo sapiens (human
"BX115064 NCI_CGAP_GC4 Homo sapiens cDNA clone IMAGp998N233982, mRNA sequence
"Homo sapiens cDNA FLJ38215 fis, clone FCBBF2000291"
"wq04a09.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2470264 3, mRNA sequenc
"BX119471 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998N194004 ; IMAGE:
"oj05h07.s1 NCI_CGAP_Mel3 Homo sapiens cDNA clone IMAGE:1491325 3, mRNA sequence"
full-length cDNA clone CS0DI001YE02 of Placenta Cot 25-normalized of Homo sapiens (human
Homo sapiens mRNA; cDNA DKFZp434C1613 (from clone DKFZp434C1613)
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"BX104799 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998M093960, mRNA s
"on85g03.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1563508 3, mRNA s
"Homo sapiens cDNA clone IMAGE:5541046, partial cds"
"BX093283 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998D104004 ; IMAGE:
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"UI-E-EJ0-aho-c-14-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aho-c-14-0-UI 3, mR
"BX097571 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998M213811, mRNA s
"602505656F1 NIH_MGC_77 Homo sapiens cDNA clone IMAGE:4619364 5, mRNA sequence"
"BX101632 Soares retina N2b4HR Homo sapiens cDNA clone IMAGp998C18440, mRNA seque
"Homo sapiens cDNA FLJ20769 fis, clone COL06674"
"602779036F2 NCI_CGAP_Brn67 Homo sapiens cDNA clone IMAGE:4914488 5, mRNA seque
"os59g01.y5 NCI_CGAP_Br2 Homo sapiens cDNA clone IMAGE:1609680 5, mRNA sequence"
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"BX098816 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998D154124, mRNA s
"BX097307 NCI_CGAP_Lu5 Homo sapiens cDNA clone IMAGp998P074068, mRNA sequence"
"BX109290 NCI_CGAP_Br2 Homo sapiens cDNA clone IMAGp998A244082, mRNA sequence"

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"BX118075 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998N163901, mRNA s
"BX103636 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998J184112, mRNA sequen
"BX105859 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998I034111, mRNA sequenc
"BX109627 NCI_CGAP_Brn25 Homo sapiens cDNA clone IMAGp998C184969, mRNA sequenc
"K-EST0218892 L18POOL1n1 Homo sapiens cDNA clone L18POOL1n1-30-G08 5, mRNA sequ
"DKFZp686H1820_r1 686 (synonym: hlcc3) Homo sapiens cDNA clone DKFZp686H1820 5, mR
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"Homo sapiens, clone IMAGE:5248198, mRNA"
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"DB335929 TESTI2 Homo sapiens cDNA clone TESTI2001868 3, mRNA sequence"
"BX109538 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998A134175, mRNA sequen
"om44d06.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1543883 3, mRNA s
"DA834832 PLACE5 Homo sapiens cDNA clone PLACE5000483 5, mRNA sequence"
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"qg50g03.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1838644 3, mRNA sequen
"Homo sapiens cDNA FLJ35319 fis, clone PROST2011577"
"BX111413 NCI_CGAP_Brn23 Homo sapiens cDNA clone IMAGp998D234237, mRNA sequenc
"BX093329 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone IMAGp998A124183
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"BX108458 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGp998J154261, mRNA seque
"BX119186 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998H214161, mRNA sequen
"tf89h12.x5 NCI_CGAP_Brn23 Homo sapiens cDNA clone IMAGE:2106503 3, mRNA sequence
"Homo sapiens cDNA FLJ11554 fis, clone HEMBA1003037"
"Homo sapiens cDNA clone IMAGE:4393471, partial cds"
Human clone 23629 mRNA sequence
"UI-CF-FN0-afu-p-08-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-afu-p-08-0-UI 3
"ac76f10.x5 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:868555 3, mRNA se
Homo sapiens mRNA; cDNA DKFZp564H1663 (from clone DKFZp564H1663)
"zb53f02.y5 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGE:307323 5, mRNA
"AV737943 CB Homo sapiens cDNA clone CBDAEG06 5, mRNA sequence"
"UI-E-EJ0-ahj-a-16-0-UI.r2 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahj-a-16-0-UI 5, mRN
Homo sapiens clone 24629 mRNA sequence
"BX105338 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGp998C114347, r

"CR738909 Soares_testis_NHT Homo sapiens cDNA clone IMAGp971E2247 ; IMAGE:744208 5
Homo sapiens cDNA clone IMAGE:30332316
"wd36c10.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2330226 3, mRNA s
"tx28f05.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2270913 3, mRNA sequence"
"BX095676 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998I154418, mRNA sequenc
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"qh05g02.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1843826 3, mRNA se
full-length cDNA clone CS0DF005YI08 of Fetal brain of Homo sapiens (human)
"AV731331 HTF Homo sapiens cDNA clone HTFBAA12 5, mRNA sequence"
"Homo sapiens cDNA: FLJ21513 fis, clone COL05778"
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"BX103063 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGp998M244217, mRNA sequ
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"th02b02.x1 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGE:2117067 3, mRNA sequence
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"BX098874 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGp998D154543, mRNA seque
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"DB336496 TESTI2 Homo sapiens cDNA clone TESTI2007437 3, mRNA sequence"
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Homo sapiens clone 24583 mRNA sequence
"BX106991 NCI_CGAP_GC4 Homo sapiens cDNA clone IMAGp998C124026, mRNA sequence
"BP873470 Sugano cDNA library, embryonal kidney Homo sapiens cDNA clone HKR13362, mR
"Homo sapiens cDNA FLJ34023 fis, clone FCBBF2003083"
"603029375F1 NIH_MGC_114 Homo sapiens cDNA clone IMAGE:5199738 5, mRNA sequence
"qx91b01.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2009833 3, mRNA sequence
"BX107715 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998M073519, mRNA sequer
Homo sapiens mRNA; cDNA DKFZp667A182 (from clone DKFZp667A182)

"EST366316 MAGE resequences, MAGC Homo sapiens cDNA, mRNA sequence"
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"BX105942 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGp998B223204, mRNA sequenc
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Homo sapiens cDNA clone IMAGE:5263960
"qh09e06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1844194 3, mRNA s
"Homo sapiens cDNA FLJ35432 fis, clone SMINT2002311"
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"BX099476 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGp998E054974, mRNA sequenc
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Homo sapiens cDNA clone IMAGE:4831215
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"BX109554 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998M111862, mRNA sequer
"602575538F1 NIH_MGC_77 Homo sapiens cDNA clone IMAGE:4703745 5, mRNA sequence"
"BX109970 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGp998L185412, mRNA sequence"
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"Homo sapiens cDNA clone IMAGE:6198874, partial cds"
full-length cDNA clone CS0DI053YD12 of Placenta Cot 25-normalized of Homo sapiens (humar
"PREDICTED: Homo sapiens hypothetical LOC388214 (LOC388214), mRNA"
"nc62a02.x5 NCI_CGAP_Pr1 Homo sapiens cDNA clone IMAGE:745802, mRNA sequence"
"PREDICTED: Homo sapiens hypothetical LOC400043 (LOC400043), mRNA"
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Homo sapiens cDNA clone IMAGE:5263177
"Homo sapiens cDNA FLJ34755 fis, clone NHNPC1000034"
"Homo sapiens cDNA FLJ32401 fis, clone SKMUS2000339"
Homo sapiens mRNA; cDNA DKFZp686E0389 (from clone DKFZp686E0389)
"wb40h11.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2308197 3, mRNA sequence
"BX104313 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGp998E085554, mRNA sequence
"BX116984 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGp998H175699, mRNA sequenc
Homo sapiens mRNA; cDNA DKFZp686I14117 (from clone DKFZp686I14117)
"tu22e12.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:2251822 3, mRNA sequence"
"wa17h04.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2298391 3, mRNA sequenc
"602285360F1 NIH_MGC_86 Homo sapiens cDNA clone IMAGE:4372671 5, mRNA sequence"

"Homo sapiens cDNA FLJ20239 fis, clone COLF5934"
"7k12g03.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:3444269 3, mRNA sequence
"nad30e12.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3367030 3, mRNA sequenc
"AJ571891 HM3/RH2 Homo sapiens cDNA clone HSPD44306, mRNA sequence"
"BX096476 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998H125776, mRNA s
"Homo sapiens, clone IMAGE:4703783, mRNA"
"BX108712 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998J175703, mRNA se
"tp90h02.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2206611 3, mRNA sequence"
"hu02g11.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3165476 3, mRNA sequence
"wd43f04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2330911 3, mRNA se
"BX114021 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGp998F135800, mRNA sequence
"Homo sapiens cDNA FLJ34585 fis, clone KIDNE2008758"
"BX105747 Barstead colon HPLRB7 Homo sapiens cDNA clone IMAGp998G155786, mRNA se
"DA570923 HEMBA1 Homo sapiens cDNA clone HEMBA1005696 5, mRNA sequence"
"DA311740 BRHIP3 Homo sapiens cDNA clone BRHIP3000462 5, mRNA sequence"
"wq09e07.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2470788 3, mRNA sequenc
"BX100285 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998L095850, mRNA se
"wj24d09.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2403761 3, mRNA sequenc
"Homo sapiens cDNA FLJ43362 fis, clone NT2RP7017365"
"wh39c03.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2383108 3, mRNA sequenc
"Homo sapiens cDNA FLJ13457 fis, clone PLACE1003343"
"wf12a11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2350364 3, mRNA se
"CR978491 RZPD no.9017 Homo sapiens cDNA clone RZPDp9017I1519 5, mRNA sequence"
Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 966164
"BX103929 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998B145777, mRNA s
"Homo sapiens cDNA FLJ38536 fis, clone HCHON2001200"
"Homo sapiens cDNA FLJ32080 fis, clone OCBBF2000015"
Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 1674211
"PREDICTED: Homo sapiens hypothetical LOC389182 (LOC389182), mRNA"
"602419370F1 NIH_MGC_93 Homo sapiens cDNA clone IMAGE:4526368 5, mRNA sequence"
"Homo sapiens cDNA FLJ26031 fis, clone PNC08078"
"RST34529 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"Homo sapiens cDNA FLJ33375 fis, clone BRACE2006137"
"601122564F1 NIH_MGC_20 Homo sapiens cDNA clone IMAGE:3346815 5, mRNA sequence"
"CR738732 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGp971E16101 ; IMAGE:238414
"zb69f09.x5 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGE:308873 3, mRNA
Homo sapiens mRNA; cDNA DKFZp586O1318 (from clone DKFZp586O1318)
"PREDICTED: Homo sapiens LOC440728 (LOC440728), mRNA"
"Homo sapiens cDNA FLJ13474 fis, clone PLACE1003593"
"UI-E-EJ1-ajq-m-12-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajq-m-12-0-UI 3, mR
"DB299353 BRACE3 Homo sapiens cDNA clone BRACE3017094 3, mRNA sequence"
"602353719F1 NIH_MGC_90 Homo sapiens cDNA clone IMAGE:4451716 5, mRNA sequence"
"PREDICTED: Homo sapiens hypothetical LOC388727 (LOC388727), mRNA"
Homo sapiens mRNA; cDNA DKFZp761E11121 (from clone DKFZp761E11121)

Homo sapiens cDNA clone IMAGE:5297467
"xc74a02.x1 NCI_CGAP_Ov32 Homo sapiens cDNA clone IMAGE:2589962 3, mRNA sequence
"AGENCOURT_14251538 NIH_MGC_180 Homo sapiens cDNA clone IMAGE:30386499 5, mR
"xf28f11.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2619405 3, mRNA sequence"
"xb61e03.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2580796 3, mRNA se
"AGENCOURT_14550449 NIA Homo sapiens cDNA clone IMAGE:30426193 5, mRNA sequenc
"RC2-CT0321-110100-013-c08 CT0321 Homo sapiens cDNA, mRNA sequence"
"xj42a03.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2659852 3, mRNA se
full-length cDNA clone CS0DC013YI10 of Neuroblastoma Cot 25-normalized of Homo sapiens (
"BX116245 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGp998O22196, mRNA seq
"xn85c12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2701270 3, mRNA se
"Homo sapiens cDNA FLJ38835 fis, clone MESAN2002424"
"Homo sapiens cDNA FLJ20182 fis, clone COLF0190"
"xv32c11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2814836 3 similar to
"ir28b07.y1 HR85 islet Homo sapiens cDNA clone IMAGE:6546565 5, mRNA sequence"
"UI-H-FL1-bgw-i-15-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bgw-i-15-0-U
"K-EST0220612 L18POOL1n1 Homo sapiens cDNA clone L18POOL1n1-33-F12 5, mRNA sequ
"Homo sapiens cDNA FLJ38860 fis, clone MESAN2011977"
"hi35a08.x1 NCI_CGAP_Co14 Homo sapiens cDNA clone IMAGE:2974262 3, mRNA sequence
"EST368678 MAGE resequences, MAGD Homo sapiens cDNA, mRNA sequence"
"Homo sapiens cDNA FLJ44165 fis, clone THYMU2033308"
"xk07d09.x1 NCI_CGAP_Co20 Homo sapiens cDNA clone IMAGE:2666033 3, mRNA sequence
"Homo sapiens primary neuroblastoma cDNA, clone:Nbla04072, full insert sequence"
"AGENCOURT_6808794 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:5784515 5, mRNA
"RST23048 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp666J249 (from clone DKFZp666J249)
"Homo sapiens cDNA FLJ31750 fis, clone NT2RI2007406"
"Homo sapiens cDNA FLJ41667 fis, clone FEBRA2028366"
"Homo sapiens cDNA FLJ37263 fis, clone BRAMY2011064"
Homo sapiens mRNA; cDNA DKFZp434C108 (from clone DKFZp434C108)
"Homo sapiens, clone IMAGE:5204729, mRNA"
"601441142F1 NIH_MGC_72 Homo sapiens cDNA clone IMAGE:3915971 5, mRNA sequence"
"PREDICTED: Homo sapiens hypothetical LOC221344 (LOC221344), mRNA"
Homo sapiens mRNA; cDNA DKFZp547G133 (from clone DKFZp547G133)
"Homo sapiens HSPC157 protein, mRNA (cDNA clone IMAGE:6672800), partial cds"
"Homo sapiens, clone IMAGE:5218705, mRNA"
"AV649053 GLC Homo sapiens cDNA clone GLCBPH07 3, mRNA sequence"
"AGENCOURT_14098824 NIH_MGC_180 Homo sapiens cDNA clone IMAGE:30377874 5, mR
"Homo sapiens cDNA FLJ33171 fis, clone ADRGL2000644"
Homo sapiens cDNA clone IMAGE:5272804
"Homo sapiens cDNA clone IMAGE:6166085, partial cds"
"Homo sapiens cDNA clone IMAGE:3885734, partial cds"
"Homo sapiens cDNA: FLJ23081 fis, clone LNG06331"
Homo sapiens mRNA; cDNA DKFZp779M2422 (from clone DKFZp779M2422)

"Homo sapiens cDNA FLJ38328 fis, clone FCBBF3025142"
"ai71e06.s1 Soares_testis_NHT Homo sapiens cDNA clone 1376290 3, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp686P23119 (from clone DKFZp686P23119)
"Homo sapiens cDNA FLJ12874 fis, clone NT2RP2003769"
Homo sapiens cDNA clone IMAGE:5262734
"BX090227 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGp998D135719 ; IMAGE:230780
"603074540F1 NIH_MGC_119 Homo sapiens cDNA clone IMAGE:5166585 5, mRNA sequence
"7n77e04.x1 NCI_CGAP_Ov18 Homo sapiens cDNA clone IMAGE:3570535 3, mRNA sequenc
"af42a06.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:1034290 3, m
"BX091457 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp998I134331 ; IM
Homo sapiens cDNA clone IMAGE:4814133
"BX105881 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGp998G035226, mRNA sequence
"BX111356 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGp998K045149, mRNA seque
"ij82b05.y1 Human insulinoma Homo sapiens cDNA clone IMAGE: 5777984 5, mRNA sequence
"EST176292 Colon carcinoma (Caco-2) cell line II Homo sapiens cDNA 5 end, mRNA sequence
"AGENCOURT_14063731 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30375776 5, mR
"Homo sapiens cDNA FLJ43818 fis, clone TESTI4001923"
"UI-CF-EC1-abz-d-11-0-UI.s1 UI-CF-EC1 Homo sapiens cDNA clone UI-CF-EC1-abz-d-11-0-UI
"Homo sapiens cDNA FLJ26784 fis, clone PRS04220"
"xk13b11.x1 NCI_CGAP_Co20 Homo sapiens cDNA clone IMAGE:2666589 3, mRNA sequence
"Homo sapiens cDNA FLJ37694 fis, clone BRHIP2015224"
"BX106644 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGp998E1962
"RC3-HT0883-020800-021-e12 HT0883 Homo sapiens cDNA, mRNA sequence"
"Homo sapiens cDNA FLJ40776 fis, clone TRACH2005210"
"Homo sapiens, clone IMAGE:4655360, mRNA"
"BX090271 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGp998O131
"PREDICTED: Homo sapiens LOC440151 (LOC440151), mRNA"
"BX111675 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGp998C235337, mRNA sequenc
"Homo sapiens cDNA: FLJ21291 fis, clone COL01963"
Homo sapiens mRNA; cDNA DKFZp686I07266 (from clone DKFZp686I07266)
"RST20570 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"xb71g09.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2581792 3, mRNA se
"RST32057 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"RST23175 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"Homo sapiens, clone IMAGE:5528576, mRNA"
"RST3117 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"RST40254 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"RST44510 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"Homo sapiens mRNA for HEIL1, complete cds"
Homo sapiens mRNA; cDNA DKFZp686I05206 (from clone DKFZp686I05206)
"Homo sapiens, clone IMAGE:5241654, mRNA"
"QV2-NN0045-031200-511-f08 NN0045 Homo sapiens cDNA, mRNA sequence"
"PREDICTED: Homo sapiens LOC439960 (LOC439960), mRNA"
"UI-E-CI1-agf-n-11-0-UI.r1 UI-E-CI1 Homo sapiens cDNA clone UI-E-CI1-agf-n-11-0-UI 5, mRN

"BX103855 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGp998D194606, mRNA seque
"BX099468 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998I024538, mRNA se
Homo sapiens cDNA clone IMAGE:4825993
"ov90a09.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1644568 3, mRNA sequen
"Homo sapiens cDNA FLJ30913 fis, clone FEBRA2006354"
"603251294F1 NIH_MGC_96 Homo sapiens cDNA clone IMAGE:5303182 5, mRNA sequence"
"EST-CD15N-025 human CD15+ myeloid progenitor cells cDNA Library Homo sapiens cDNA 3,
"Homo sapiens, clone IMAGE:4052238, mRNA, partial cds"
"AGENCOURT_14360380 NIH_MGC_186 Homo sapiens cDNA clone IMAGE:30406177 5, mR
"UI-E-EJ0-ahk-m-09-0-UI.r2 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahk-m-09-0-UI 5, m
Homo sapiens mRNA; cDNA DKFZp313A1935 (from clone DKFZp313A1935)
"UI-E-EJ1-ajh-m-02-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajh-m-02-0-UI 3, mR
Homo sapiens cDNA clone IMAGE:5300199
"Homo sapiens cDNA FLJ41921 fis, clone PERIC2002766"
"Homo sapiens cDNA FLJ42149 fis, clone THYMU1000692"
"wg84h06.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2371835
full-length cDNA clone CS0DA009YB08 of Neuroblastoma of Homo sapiens (human)
"Homo sapiens cDNA FLJ25030 fis, clone CBL02631"
"Homo sapiens cDNA FLJ33932 fis, clone CTONG2017798"
Homo sapiens cDNA clone IMAGE:4837650
"UI-1-BB1p-akd-h-11-0-UI.s1 NCI_CGAP_Pl6 Homo sapiens cDNA clone UI-1-BB1p-akd-h-11-0
"BX096345 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998I213558, mRNA sequenc
"yu38g09.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:236128 5, mRNA s
"BX108606 NCI_CGAP_Lu5 Homo sapiens cDNA clone IMAGp998B143579, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp434P231 (from clone DKFZp434P231)
"Homo sapiens cDNA FLJ42781 fis, clone BRAWH3005534"
"BX113978 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGp998N131206, m
Homo sapiens mRNA; cDNA DKFZp686F09166 (from clone DKFZp686F09166)
full-length cDNA clone CS0DC025YP03 of Neuroblastoma Cot 25-normalized of Homo sapiens
full-length cDNA clone CS0DL007YF06 of B cells (Ramos cell line) Cot 25-normalized of Homo
"AL844467 Homo sapiens library (Ashcroft K) Homo sapiens cDNA, mRNA sequence"
Homo sapiens cDNA clone IMAGE:5261213
"BX116795 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998B13393, mR
"Homo sapiens cDNA: FLJ23004 fis, clone LNG00391"
"BX117372 NCI_CGAP_Co4 Homo sapiens cDNA clone IMAGp998E042410, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp686N1644 (from clone DKFZp686N1644)
"Homo sapiens cDNA clone IMAGE:5787947, partial cds"
"Homo sapiens cDNA FLJ38388 fis, clone FEBRA2004485"
"DA086964 BRACE2 Homo sapiens cDNA clone BRACE2041741 5, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp686P2136 (from clone DKFZp686P2136)
full-length cDNA clone CS0DF009YJ16 of Fetal brain of Homo sapiens (human)
"nf71b03.s1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:925325 3, mRNA sequence"
"hn28d09.x1 NCI_CGAP_Thy7 Homo sapiens cDNA clone IMAGE:3023441 3, mRNA sequence
Homo sapiens mRNA; cDNA DKFZp686J23256 (from clone DKFZp686J23256)

"in32g09.y1 Human Fetal Pancreas 1B Homo sapiens cDNA clone IMAGE: 5, mRNA sequence"
"DA825516 PERIC2 Homo sapiens cDNA clone PERIC2006629 5, mRNA sequence"
Homo sapiens cDNA clone IMAGE:4828632
"602387320F1 NIH_MGC_93 Homo sapiens cDNA clone IMAGE:4516253 5, mRNA sequence"
Homo sapiens full length insert cDNA clone ZD44H09
"Homo sapiens, clone IMAGE:3451264, mRNA"
Homo sapiens cDNA clone IMAGE:5271145
"Homo sapiens cDNA clone IMAGE:5418341, partial cds"
Homo sapiens cDNA clone IMAGE:5297125
"cl02h05.z1 Hembase; Erythroid Precursor Cells (LCB:cl library) Homo sapiens cDNA clone cl02
Homo sapiens mRNA; cDNA DKFZp686J0156 (from clone DKFZp686J0156)
"AGENCOURT_10167693 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:6527009 5, mRNA
"UI-CF-DU1-adq-c-12-0-UI.s1 UI-CF-DU1 Homo sapiens cDNA clone UI-CF-DU1-adq-c-12-0-UI
"UI-CF-EC1-ady-b-08-0-UI.s1 UI-CF-EC1 Homo sapiens cDNA clone UI-CF-EC1-ady-b-08-0-UI
Homo sapiens mRNA; cDNA DKFZp686F1546 (from clone DKFZp686F1546)
"Homo sapiens cDNA FLJ33738 fis, clone BRAWH2018527"
"AGENCOURT_8911223 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6386615 5, mRNA
Homo sapiens mRNA; cDNA DKFZp686I23208 (from clone DKFZp686I23208)
"UI-H-FE1-bei-a-08-0-UI.s2 NCI_CGAP_FE1 Homo sapiens cDNA clone UI-H-FE1-bei-a-08-0-U
Homo sapiens cDNA clone IMAGE:6254031
"Homo sapiens cDNA FLJ32881 fis, clone TESTI2004153"
"BX090408 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998E08415 ; IMA
Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 2005635
"PREDICTED: Homo sapiens hypothetical LOC388456 (LOC388456), mRNA"
"DB041920 TESTI2 Homo sapiens cDNA clone TESTI2029126 5, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp586B0220 (from clone DKFZp586B0220)
"BX102511 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998M074123, mRNA s
Homo sapiens mRNA; cDNA DKFZp686J1595 (from clone DKFZp686J1595)
"qw67g08.x1 NCI_CGAP_Ov33 Homo sapiens cDNA clone IMAGE:1996190 3, mRNA sequenc
"Homo sapiens cDNA FLJ42708 fis, clone BRAMY3007311"
"Homo sapiens cDNA FLJ32550 fis, clone SPLEN1000056"
"UI-H-DH1-awo-m-15-0-UI.s1 NCI_CGAP_DH1 Homo sapiens cDNA clone UI-H-DH1-awo-m-15
"Homo sapiens cDNA: FLJ21333 fis, clone COL02535"
"PREDICTED: Homo sapiens hypothetical gene supported by AK057085 (LOC440149), mRNA"
"Homo sapiens cDNA FLJ25252 fis, clone STM03814"
"BX091062 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998F221782 ; IMAGE:72654
"Homo sapiens cDNA FLJ32837 fis, clone TESTI2003280"
"AGENCOURT_7782569 NIH_MGC_67 Homo sapiens cDNA clone IMAGE:6137082 5, mRNA
"UI-H-FG0-bcw-h-18-0-UI.s1 NCI_CGAP_EN1_2 Homo sapiens cDNA clone UI-H-FG0-bcw-h-1
"cs01f05.y1 Human Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs
"ir69h03.y1 HR85 islet Homo sapiens cDNA clone IMAGE:6607902 5, mRNA sequence"
"AGENCOURT_10396508 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6605580 5, mRN
"QV0-HT0398-210100-096-c03 HT0398 Homo sapiens cDNA, mRNA sequence"
"ns68e03.y5 NCI_CGAP_Pr2 Homo sapiens cDNA clone IMAGE:1188796, mRNA sequence"

"Homo sapiens hypothetical gene supported by BC042493, mRNA (cDNA clone IMAGE:482664
Homo sapiens cDNA clone IMAGE:5296724
"Homo sapiens, clone IMAGE:5163306, mRNA"
"Homo sapiens hypothetical protein LOC340073, mRNA (cDNA clone IMAGE:5296163)"
"Homo sapiens, clone IMAGE:3618365, mRNA"
"NISC_gj03b08.y1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:3270494 5, mRNA seq
"BX103719 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGp998M05175, mRNA sec
"601142925F1 NIH_MGC_14 Homo sapiens cDNA clone IMAGE:3506575 5, mRNA sequence"
"ta96c03.x1 NCI_CGAP_Lu26 Homo sapiens cDNA clone IMAGE:2051908 3, mRNA sequence
"UI-H-ED0-axo-o-08-0-UI.s1 NCI_CGAP_ED0 Homo sapiens cDNA clone UI-H-ED0-axo-o-08-0
"17000532640995 GRN_ES Homo sapiens cDNA 5, mRNA sequence"
"UI-E-EO1-aiu-k-12-0-UI.s1 UI-E-EO1 Homo sapiens cDNA clone UI-E-EO1-aiu-k-12-0-UI 3, mF
"17000600107276 GRN_PREHEP Homo sapiens cDNA 5, mRNA sequence"
"UI-E-CK1-afn-b-08-0-UI.s1 UI-E-CK1 Homo sapiens cDNA clone UI-E-CK1-afn-b-08-0-UI 3, mF
"AGENCOURT_6796899 NIH_MGC_85 Homo sapiens cDNA clone IMAGE:5787825 5, mRNA
"UI-H-BI2-agv-g-07-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2725813 3, m
"UI-E-CL1-afa-p-05-0-UI.s1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-afa-p-05-0-UI 3, mR
"BX105017 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp998A20842, mRN
"Homo sapiens cDNA FLJ45905 fis, clone OCBBF3026576"
"Homo sapiens cDNA FLJ30091 fis, clone BNGH41000017"
"Homo sapiens cDNA FLJ41881 fis, clone OCBBF2021833"
"PREDICTED: Homo sapiens hypothetical LOC389393 (LOC389393), mRNA"
"UI-H-FT1-bke-f-07-0-UI.s1 NCI_CGAP_FT1 Homo sapiens cDNA clone UI-H-FT1-bke-f-07-0-U
"UI-H-EU1-azz-i-23-0-UI.s1 NCI_CGAP_Ct1 Homo sapiens cDNA clone UI-H-EU1-azz-i-23-0-UI
"BX393727 Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED Homo sapiens cDNA cl
"UI-CF-FN0-afs-l-17-18-UI.r18 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-afs-l-17-18-UI
"BX109127 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998C23389, mR
"UI-E-EJ1-ajk-n-12-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajk-n-12-0-UI 3, mRN
"UI-H-CO0-asl-e-02-0-UI.s1 NCI_CGAP_Sub9 Homo sapiens cDNA clone IMAGE:5859147 3, n
"AGENCOURT_10407585 NIH_MGC_82 Homo sapiens cDNA clone IMAGE:6620990 5, mRNA
"603024968F1 NIH_MGC_114 Homo sapiens cDNA clone IMAGE:5195560 5, mRNA sequence
"BX102164 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGp998B081743, mRNA sequenc
"602507809F1 NIH_MGC_79 Homo sapiens cDNA clone IMAGE:4604835 5, mRNA sequence"
"Homo sapiens cDNA FLJ32174 fis, clone PLACE6001064"
"BX117171 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGp998J142299, mRNA sequence"
"BX093900 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGp998M23189, mRNA seq
"NISC_gf06b05.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:3252801 3, mRNA se
"BX104914 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998A02134, mR
"BX105847 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998K123696, mRNA s
"UI-H-BI1-aet-a-03-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2720165 3, m
"nj92b10.x5 NCI_CGAP_Pr11 Homo sapiens cDNA clone IMAGE:999931, mRNA sequence"
"BX116997 Soares_placenta_8to9weeks_2NbHP8to9W Homo sapiens cDNA clone IMAGp998
full-length cDNA clone CS0DF032YA11 of Fetal brain of Homo sapiens (human)
"PREDICTED: Homo sapiens LOC440143 (LOC440143), mRNA"

"BX114974 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGp998C023886, mRNA sequence
Homo sapiens mRNA; cDNA DKFZp686D22106 (from clone DKFZp686D22106)
"hi12a04.x1 NCI_CGAP_GU1 Homo sapiens cDNA clone IMAGE:2972046 3, mRNA sequence'
"DKFZp313P1922_r1 313 (synonym: hlcc2) Homo sapiens cDNA clone DKFZp313P1922 5, mR
"UI-H-EZ1-bcb-b-23-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bcb-b-23-0-
"Homo sapiens primary neuroblastoma cDNA, clone:Nbla11485"
"Homo sapiens cDNA FLJ41270 fis, clone BRAMY2036387"
"BX107250 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGp998M081119,
"602617110F1 NIH_MGC_79 Homo sapiens cDNA clone IMAGE:4730811 5, mRNA sequence"
"ot37d03.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1618949 3, mRNA sequenc
Homo sapiens clone 24739 mRNA sequence
"Homo sapiens cDNA FLJ30923 fis, clone FEBRA2006491"
"BX437333 Homo sapiens THYMUS Homo sapiens cDNA clone CS0CAP006YG22 5-PRIME, m
"RST42356 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"Homo sapiens cDNA FLJ39178 fis, clone OCBBF2004104"
Homo sapiens cDNA clone IMAGE:5259414
"in27e08.x1 Human Fetal Pancreas 1B Homo sapiens cDNA clone IMAGE: 3, mRNA sequence'
"CR743578 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp971L2174 ; IMAG
"Homo sapiens cDNA FLJ11664 fis, clone HEMBA1004632"
"AGENCOURT_14556906 NIA Homo sapiens cDNA clone IMAGE:30424836 5, mRNA sequenc
"UI-E-DW0-agi-o-06-0-UI.s1 UI-E-DW0 Homo sapiens cDNA clone UI-E-DW0-agi-o-06-0-UI 3, r
"UI-E-EJ0-ahv-d-07-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahv-d-07-0-UI 3, mR
"AGENCOURT_7978253 Lupski_dorsal_root_ganglion Homo sapiens cDNA clone IMAGE:6185
Homo sapiens cDNA clone IMAGE:5266832
"RST9214 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"UI-E-EJ1-ajv-o-24-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajv-o-24-0-UI 3, mRN
"Homo sapiens cDNA FLJ38039 fis, clone CTONG2013934"
"AGENCOURT_6552744 NIH_MGC_85 Homo sapiens cDNA clone IMAGE:5551930 5, mRNA
"UI-H-FL1-bfz-b-04-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bfz-b-04-0-UI
Homo sapiens full length insert cDNA clone YY74A01
"BX096334 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGp998J1561
Homo sapiens mRNA; cDNA DKFZp547E107 (from clone DKFZp547E107)
"BX112399 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGp998B1862
"Homo sapiens cDNA FLJ11226 fis, clone PLACE1008280"
"UI-H-FG0-bcp-k-15-0-UI.s1 NCI_CGAP_EN1_2 Homo sapiens cDNA clone UI-H-FG0-bcp-k-15
"Homo sapiens cDNA FLJ34428 fis, clone HLUNG2000761"
"Homo sapiens cDNA FLJ26692 fis, clone MPG07890"
Homo sapiens D21S2089E form A mRNA sequence
"AGENCOURT_8228790 Lupski_dorsal_root_ganglion Homo sapiens cDNA clone IMAGE:6182
Homo sapiens cDNA clone IMAGE:5269351
"Human mRNA for KIAA0280 gene, partial cds"
Homo sapiens mRNA; cDNA DKFZp667H0610 (from clone DKFZp667H0610)
"UI-H-EZ1-bba-l-21-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bba-l-21-0-U
"BX111257 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998B19536, mR

"Homo sapiens cDNA FLJ31090 fis, clone IMR321000102"
"UI-1-BC1p-asj-h-02-0-UI.s1 NCI_CGAP_Pl3 Homo sapiens cDNA clone UI-1-BC1p-asj-h-02-0-
"Homo sapiens cDNA FLJ13116 fis, clone NT2RP3002659"
"Homo sapiens cDNA FLJ27196 fis, clone SYN02831"
"UI-H-FT2-bjj-o-11-0-UI.s1 NCI_CGAP_FT2 Homo sapiens cDNA clone UI-H-FT2-bjj-o-11-0-UI
Homo sapiens mRNA; cDNA DKFZp667L2214 (from clone DKFZp667L2214)
full-length cDNA clone CS0DI042YD07 of Placenta Cot 25-normalized of Homo sapiens (humar
"Homo sapiens cDNA: FLJ22515 fis, clone HRC12122, highly similar to AF052101 Homo sapier
"K-EST0216649 L17N670205n1 Homo sapiens cDNA clone L17N670205n1-10-D09 5, mRNA s
Homo sapiens clone 24841 mRNA sequence
Homo sapiens cDNA clone IMAGE:5277162
"ih26e02.x5 Human insulinoma Homo sapiens cDNA clone IMAGE:5615330 3, mRNA sequence
"UI-1-BB1p-atw-h-09-0-UI.s1 NCI_CGAP_Pl6 Homo sapiens cDNA clone UI-1-BB1p-atw-h-09-0
"BX091213 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGp998H1463
"yb65d04.r1 Stratagene ovary (#937217) Homo sapiens cDNA clone IMAGE:76039 5, mRNA se
"BX111971 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998P153559, mRNA sequen
Homo sapiens mRNA; cDNA DKFZp686G02263 (from clone DKFZp686G02263)
Homo sapiens mRNA; cDNA DKFZp761D112 (from clone DKFZp761D112)
"UI-E-EJ0-ahm-h-09-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahm-h-09-0-UI 3, m
"Homo sapiens cDNA FLJ41455 fis, clone BRSTN2012284"
"EST7546 human nasopharynx Homo sapiens cDNA, mRNA sequence"
"Homo sapiens cDNA FLJ39579 fis, clone SKMUS2003168"
"Homo sapiens cDNA FLJ41846 fis, clone NT2RI3003162"
Homo sapiens mRNA; cDNA DKFZp686B24166 (from clone DKFZp686B24166)
"PREDICTED: Homo sapiens hypothetical LOC400571 (LOC400571), mRNA"
"CR992331 RZPD no.9016 Homo sapiens cDNA clone RZPDp9016A0141 5, mRNA sequence"
"BX335012 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA clone CS0
"Homo sapiens cDNA FLJ13402 fis, clone PLACE1001456"
"Homo sapiens cDNA FLJ33772 fis, clone BRSSN2000175"
"BX091227 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGp998E13670 ; IMAG
"UI-E-EJ1-ajs-i-03-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajs-i-03-0-UI 3, mRNA
"AV762101 MDS Homo sapiens cDNA clone MDSEOA03 5, mRNA sequence"
"DB113199 THYMU2 Homo sapiens cDNA clone THYMU2017679 5, mRNA sequence"
"Homo sapiens clone 115D87 T cell receptor beta chain mRNA, partial cds"
"RC5-ST0300-150200-013-D12 ST0300 Homo sapiens cDNA, mRNA sequence"
"602712974F1 NIH_MGC_48 Homo sapiens cDNA clone IMAGE:4852962 5, mRNA sequence"
Homo sapiens mRNA for FLJ00402 protein
"UI-E-EJ1-ajn-n-16-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajn-n-16-0-UI 3, mRN
Homo sapiens cDNA clone IMAGE:5299888
"UI-CF-EC1-ack-d-21-0-UI.s1 UI-CF-EC1 Homo sapiens cDNA clone UI-CF-EC1-ack-d-21-0-UI
"Homo sapiens cDNA FLJ34018 fis, clone FCBBF2002801"
"xt14e05.x1 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGE:2779136 3, mRNA sequence"
"PREDICTED: Homo sapiens hypothetical LOC388477 (LOC388477), mRNA"
"EST-CD34N-107 cDNA library of human CD 34+ stem/progenitor cells Homo sapiens cDNA 3,

"tu01b09.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:2249753 3, mRNA sequence"
"BX094617 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp998J224403, mR
"hf37f06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2934083 3, mRNA se
"Homo sapiens cDNA FLJ44370 fis, clone TRACH3008902"
"UI-1-BC1-aiy-e-09-0-UI.s1 NCI_CGAP_Pl2 Homo sapiens cDNA clone UI-1-BC1-aiy-e-09-0-UI
"bb28h05.x1 NIH_MGC_5 Homo sapiens cDNA clone IMAGE:2964249 3, mRNA sequence"
"Homo sapiens cDNA FLJ41130 fis, clone BRACE2022549"
"PREDICTED: Homo sapiens hypothetical LOC389189 (LOC389189), mRNA"
"Homo sapiens cDNA FLJ42799 fis, clone BRAWH3009285"
"DA782718 OCBBF2 Homo sapiens cDNA clone OCBBF2018618 5, mRNA sequence"
"602566178F1 NIH_MGC_77 Homo sapiens cDNA clone IMAGE:4690722 5, mRNA sequence"
"xv24e03.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2814076 3, mRNA se
"UI-E-EJ0-ahs-a-06-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahs-a-06-0-UI 3, mR
"Homo sapiens cDNA FLJ27124 fis, clone SPL07120"
"UI-E-DW0-agh-n-18-0-UI.s1 UI-E-DW0 Homo sapiens cDNA clone UI-E-DW0-agh-n-18-0-UI 3,
"Homo sapiens cDNA FLJ42969 fis, clone BRSTN2017084"
"xv34c08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2815022 3 similar to
"602349056F1 NIH_MGC_90 Homo sapiens cDNA clone IMAGE:4444260 5, mRNA sequence"
"aj52a08.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1393910 3, mRNA sequenc
"Homo sapiens cDNA FLJ43160 fis, clone FCBBF2000199"
"nq82a06.s1 NCI_CGAP_Co9 Homo sapiens cDNA clone IMAGE:1158802 3, mRNA sequence"
"op28g08.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1578206 3, mRNA se
"Homo sapiens cDNA FLJ41106 fis, clone BLADE2007722"
"AGENCOURT_10546440 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6733288 5, mRN
"tj55c11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2145428 3
"xa10c07.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2567916 3, mRNA se
"Homo sapiens cDNA FLJ33739 fis, clone BRAWH2018601"
"ts95a01.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2238984 3, mRNA sequence"
"Homo sapiens cDNA clone IMAGE:3961179, partial cds"
"CR744215 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp971M1962 ; IMAGE:15
"AGENCOURT_7970838 NIH_MGC_72 Homo sapiens cDNA clone IMAGE:6163720 5, mRNA
"UI-CF-FN0-afr-k-03-18-UI.s18 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-afr-k-03-18-U
"603043518F1 NIH_MGC_116 Homo sapiens cDNA clone IMAGE:5183932 5, mRNA sequence
"DA934455 SPLEN2 Homo sapiens cDNA clone SPLEN2005266 5, mRNA sequence"
"ij28g12.x5 Melton Normalized Human Islet 4 N4-HIS 1 Homo sapiens cDNA clone IMAGE:6136
"AGENCOURT_13631433 NIH_MGC_184 Homo sapiens cDNA clone IMAGE:30327753 5, mR
"Homo sapiens cDNA: FLJ23063 fis, clone LNG04745"
"BX356403 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA clone CS0
"UI-CF-FN0-age-p-21-18-UI.r18 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-age-p-21-18
"UI-CF-FN0-afx-e-17-18-UI.s18 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-afx-e-17-18-U
"BX106259 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998B211926, mRNA sequen
"CM0-CT0275-221199-105-c11 CT0275 Homo sapiens cDNA, mRNA sequence"
"UI-E-CL1-afe-e-04-0-UI.r1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-afe-e-04-0-UI 5, mR
"Homo sapiens hypothetical protein LOC285548, mRNA (cDNA clone IMAGE:4829419)"

"RST28959 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"BX098062 NCI_CGAP_Lym12 Homo sapiens cDNA clone IMAGp998F045264, mRNA sequen
"Homo sapiens cDNA FLJ31093 fis, clone IMR321000161"
"Homo sapiens cDNA FLJ38251 fis, clone FCBBF3000184"
"AGENCOURT_7549809 NIH_MGC_68 Homo sapiens cDNA clone IMAGE:6057678 5, mRNA
"UI-E-CQ1-aew-g-07-0-UI.r1 UI-E-CQ1 Homo sapiens cDNA clone UI-E-CQ1-aew-g-07-0-UI 5,
"EST389173 MAGE resequences, MAGO Homo sapiens cDNA, mRNA sequence"
"xa01h03.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2567093 3, mRNA se
"AGENCOURT_14063909 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30375764 5, mR
"BX094949 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGp998F07269, mRNA seq
"Homo sapiens cDNA FLJ37595 fis, clone BRCOC2007864"
"ig42c06.y5 HR85 islet Homo sapiens cDNA clone IMAGE:5593739 5, mRNA sequence"
"ig29e11.y5 HR85 islet Homo sapiens cDNA clone IMAGE:5592692 5, mRNA sequence"
"Homo sapiens cDNA FLJ33115 fis, clone TRACH2001314"
"PREDICTED: Homo sapiens hypothetical gene supported by BC042100 (LOC440602), mRNA'
"UI-H-DT1-avw-k-11-0-UI.s1 NCI_CGAP_DT1 Homo sapiens cDNA clone UI-H-DT1-avw-k-11-0
full-length cDNA clone XCL0BB001ZD04 of Neuroblastoma of Homo sapiens (human)
Human mRNA for T-cell specific protein
full-length cDNA clone CS0CAP005YH21 of Thymus of Homo sapiens (human)
"Homo sapiens cDNA: FLJ23542 fis, clone LNG08295"
"PREDICTED: Homo sapiens hypothetical LOC389089 (LOC389089), mRNA"
full-length cDNA clone CS0DF034YK16 of Fetal brain of Homo sapiens (human)
"PREDICTED: Homo sapiens LOC440554 (LOC440554), mRNA"
"PREDICTED: Homo sapiens similar to FLJ00290 protein (LOC441310), mRNA"
Homo sapiens cDNA clone IMAGE:6250506
"AL566229 Homo sapiens FETAL BRAIN Homo sapiens cDNA clone CS0DF018YE06 3-PRIME
"BX090843 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998C074110 ; IMAGE:16204
"603244595F1 NIH_MGC_96 Homo sapiens cDNA clone IMAGE:5287103 5, mRNA sequence"
"Homo sapiens cDNA FLJ25810 fis, clone TST07303"
"AGENCOURT_6808690 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:5784700 5, mRNA
"RC2-CT0522-150900-012-g04 CT0522 Homo sapiens cDNA, mRNA sequence"
"AGENCOURT_7959481 NIH_MGC_72 Homo sapiens cDNA clone IMAGE:6165391 5, mRNA
"BX105743 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGp998H135716, mRNA sequence
"AV647692 GLC Homo sapiens cDNA clone GLCBBA02 3, mRNA sequence"
"PT2.1_10_D05.r tumor2 Homo sapiens cDNA 3, mRNA sequence"
"Homo sapiens cDNA FLJ45310 fis, clone BRHIP3004774"
"Homo sapiens clone FS8-B3 nonfunctional immunoglobulin light chain (IGL) mRNA, partial seq
"AGENCOURT_14535385 NIH_MGC_191 Homo sapiens cDNA clone IMAGE:30416080 5, mR
"xb04f08.x1 NCI_CGAP_GU1 Homo sapiens cDNA clone IMAGE:2575335 3 similar to contains
"xc38b09.x1 NCI_CGAP_Co20 Homo sapiens cDNA clone IMAGE:2586521 3, mRNA sequence
"zp19f11.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:609933 3, mRNA
"3EST-NCD15-139 human CD15+ myeloid progenitor cells cDNA Library Homo sapiens cDNA 3
"zu71h01.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:743473 3, mRNA sequenc
"xc56f12.x1 NCI_CGAP_Eso2 Homo sapiens cDNA clone IMAGE:2588303 3, mRNA sequence

"BP398340 Homo sapiens pancreatic islet Homo sapiens cDNA clone htp-29-07 3, mRNA sequ
"UI-CF-FN0-aff-a-18-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-aff-a-18-0-UI 3,
"7l71g02.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:3526851 3
"qe07b12.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1738271 3, mRNA sequen
"qd92a06.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1736914 3, mRNA sequen
"qf60h03.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1754453 3, mRNA sequenc
"qg73e01.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1840824 3, mRNA se
"7b56d05.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3232233 3, mRNA sequence
"EST12244 human nasopharynx Homo sapiens cDNA, mRNA sequence"
"tr12f11.x1 NCI_CGAP_Ov23 Homo sapiens cDNA clone IMAGE:2218125 3, mRNA sequence"
"wb74f05.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2311425 3, mRNA sequence
Homo sapiens cDNA clone IMAGE:5260685
"ob97f11.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1339341 3, mRNA sequenc
"ya93d04.r1 Stratagene placenta (#937225) Homo sapiens cDNA clone IMAGE:69223 5, mRNA
"naa03h05.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:3253880 3, mRNA sequenc
"hn85c04.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:3034662 3, mRNA sequenc
Homo sapiens cDNA clone IMAGE:4826012
"qh24c08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1845614 3, mRNA se
"tt17f06.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2241059 3, mRNA sequence"
"AGENCOURT_14378000 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30399590 5, mR
"ob56a07.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1335348 3, mRNA sequenc
"hd03d12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2908439 3, mRNA se
"wf82f02.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2362107 3, mRNA se
"ah70e05.s1 Soares_testis_NHT Homo sapiens cDNA clone 1320992 3, mRNA sequence"
"PM1-UT0061-061100-010-b01 UT0061 Homo sapiens cDNA, mRNA sequence"
"AGENCOURT_14352888 NIH_MGC_187 Homo sapiens cDNA clone IMAGE:30405721 5, mR
"AV716776 DCB Homo sapiens cDNA clone DCBBWE03 5, mRNA sequence"
"yz11a06.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:282706
Homo sapiens mRNA; cDNA DKFZp564C152 (from clone DKFZp564C152)
"Homo sapiens RAG1 mRNA, exon 1A and partial sequence"
"xm12e03.x1 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGE:2683996 3, mRNA sequence'
"DB337375 TESTI2 Homo sapiens cDNA clone TESTI2020522 3, mRNA sequence"
"zu74b05.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:743697 3, mRNA sequenc
"zh93f04.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:428863 3
"tu21c08.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:2251694 3, mRNA sequence'
"qe14g03.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1738996 3, mRNA sequen
"qb12g03.x1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:1696084 3, r
"Homo sapiens HBcAg-binding protein (HBCBP) mRNA, complete cds"
"qd83h02.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1736115 3, mRNA sequen
"UI-E-EO0-ahx-p-21-0-UI.s1 UI-E-EO0 Homo sapiens cDNA clone UI-E-EO0-ahx-p-21-0-UI 3, m
"Homo sapiens cDNA FLJ25156 fis, clone CBR07981"
"ak22d04.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1406695 3, mRNA sequen
"oa85h04.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1319095 3, mRNA sequenc
"UI-H-BW0-aig-a-11-0-UI.s1 NCI_CGAP_Sub6 Homo sapiens cDNA clone IMAGE:2729012 3, r

"or34g04.s1 NCI_CGAP_GC3 Homo sapiens cDNA clone IMAGE:1597782 3, mRNA sequence"
"wt92b04.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2514895 3, mRNA sequence
"Homo sapiens apoptosis related protein APR-4 mRNA, partial cds"
"wa38a03.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2300332 3, mRNA sequenc
"wf28g01.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2356944 3, mRNA se
"xp75b08.x1 NCI_CGAP_Ov40 Homo sapiens cDNA clone IMAGE:2746167 3, mRNA sequence
"UI-H-FL1-bgc-h-06-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bgc-h-06-0-U
"ol18d11.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1523829 3, mRNA se
"601823962F1 NIH_MGC_79 Homo sapiens cDNA clone IMAGE:4043678 5, mRNA sequence"
"on50d02.s1 NCI_CGAP_Co8 Homo sapiens cDNA clone IMAGE:1560099 3 similar to contains
"UI-H-BW1-ane-f-07-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3082117 3, r
"ny62f03.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1282877 3, mRNA sequenc
"qd70h10.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1734883 3, mRNA sequen
"ov58f12.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1641551 3, mRNA sequenc
"xn75h05.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2700345 3, mRNA se
"UI-CF-FN0-aeu-h-17-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-aeu-h-17-0-UI
"UI-H-BI4-aoo-e-09-0-UI.s1 NCI_CGAP_Sub8 Homo sapiens cDNA clone IMAGE:3085552 3, m
"yy43f04.s1 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:274015 3, mRNA se
"RST41364 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"zi51g12.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:434374 3
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"AGENCOURT_14368041 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30408004 5, mR
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"wd34f10.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2330059 3, mRNA se
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"df42e10.y1 Morton Fetal Cochlea Homo sapiens cDNA clone IMAGE:2486107 5, mRNA seque
"UI-H-CO0-asw-b-08-0-UI.s1 NCI_CGAP_Sub9 Homo sapiens cDNA clone UI-H-CO0-asw-b-08
"nf66b06.s1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:924851 3, mRNA sequence"
"wd19d08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2328591 3, mRNA s
"BX383912 Homo sapiens HELA CELLS COT 25-NORMALIZED Homo sapiens cDNA clone CS
"ab01h06.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:839579 3 simila
"UI-1-BC1p-asm-a-07-0-UI.s1 NCI_CGAP_Pl3 Homo sapiens cDNA clone UI-1-BC1p-asm-a-07
"Homo sapiens cone rod homeobox protein (CRX) mRNA, 5UTR, alternatively spliced"
"op25d10.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1577875 3, mRNA se
"tm27g06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2157850 3, mRNA se
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"hc86a08.x2 NCI_CGAP_Kid1 Homo sapiens cDNA clone IMAGE:2899574, mRNA sequence"

"zm27a02.s1 Stratagene pancreas (#937208) Homo sapiens cDNA clone IMAGE:526826 3, mR
"UI-H-BW0-aju-f-04-0-UI.s1 NCI_CGAP_Sub6 Homo sapiens cDNA clone IMAGE:2733078 3, m
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"wj17e02.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2403098 3, mRNA sequenc
"tt54d05.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2244585 3, mRNA sequence"
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"HTM1-160F1 HTM1 Homo sapiens cDNA, mRNA sequence"
"xw83e08.x1 NCI_CGAP_Pan1 Homo sapiens cDNA clone IMAGE:2834630 3, mRNA sequenc
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"oi54f08.s1 NCI_CGAP_HN3 Homo sapiens cDNA clone IMAGE:1486503 3, mRNA sequence"
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"xs34d06.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2771531 3, mRNA sequenc
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"DA089649 BRACE2 Homo sapiens cDNA clone BRACE2045129 5, mRNA sequence"
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"7l51e12.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:3524855
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"ot30c11.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1618292 3, mRNA sequenc
"hi45b07.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2975221 3, mRNA se
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"wd27e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2329390 3, mRNA s
"tz60c06.x1 NCI_CGAP_Ov35 Homo sapiens cDNA clone IMAGE:2292970 3, mRNA sequence
"xb61a11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2580764 3, mRNA se
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"hg04h06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2944667 3, mRNA s
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"UI-H-FL1-bga-d-03-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bga-d-03-0-U
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"hg13e09.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2945512 3, mRNA s

"xt64f10.x1 NCI_CGAP_Ut2 Homo sapiens cDNA clone IMAGE:2791243 3, mRNA sequence"
"DTL3P3H2 THP-1 OligodT Library Homo sapiens cDNA, mRNA sequence"
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"xm65h05.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2689113 3, mRNA sequence
"cs38e02.y1 Human Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs
"yz85f09.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:289865 3
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"xv31e02.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2814746 3, mRNA se
Homo sapiens mRNA; cDNA DKFZp779A1168 (from clone DKFZp779A1168)
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"qh38h03.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1846997 3, mRNA se
"xd83f04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2604223 3, mRNA se
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Homo sapiens clone HEA10 Cri-du-chat critical region mRNA
"Human clone H8 Cri-du-chat critical region mRNA, partial sequence"
Homo sapiens clone TEE11 Cri-du-chat region mRNA
"ap14f06.x1 Schiller oligodendroglioma Homo sapiens cDNA clone IMAGE:1955363 3, mRNA s
Homo sapiens clone TEE3 Cri-du-chat critical region mRNA
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"nx25c07.s1 NCI_CGAP_GC4 Homo sapiens cDNA clone IMAGE:1257132 3, mRNA sequence
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"naa41b05.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:3258944 3, mRNA sequen
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Human (clone xip7) mRNA sequence
"ie83c12.x5 Melton Normalized Human Islet 4 N4-HIS 1 Homo sapiens cDNA clone IMAGE:567
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"xv41b01.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2815657 3, mRNA se

"xe08f12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2606543 3, mRNA se
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"hw28b08.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:3184215 3 similar to contai
"BX095352 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGp998D174862, mRNA sequenc
"tj84d04.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2148199 3
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"xu29c02.x1 NCI_CGAP_Ov40 Homo sapiens cDNA clone IMAGE:2801570 3, mRNA sequence
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"wt60c01.x1 NCI_CGAP_Pan1 Homo sapiens cDNA clone IMAGE:2511840 3, mRNA sequence
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"Human small nuclear RNA U6atac, partial sequence"
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"hd10c01.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2909088 3, mRNA se
"am78e07.s1 Stratagene schizo brain S11 Homo sapiens cDNA clone IMAGE:1629252 3, mRN
"DKFZp761L1324_s1 761 (synonym: hamy2) Homo sapiens cDNA clone DKFZp761L1324 3, m
"zj88e05.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:461984 3
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"ac76d06.x5 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:868523 3, mRNA se
"od87e10.s1 NCI_CGAP_Ov2 Homo sapiens cDNA clone IMAGE:1374954, mRNA sequence"
"nai42a05.x1 NCI_CGAP_HN20 Homo sapiens cDNA clone IMAGE:4262673 3, mRNA sequenc
"DB350341 TRACH3 Homo sapiens cDNA clone TRACH3031882 3, mRNA sequence"
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"BX107107 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGp998M06173, mRNA sec
"Homo sapiens T cell receptor alpha locus, mRNA (cDNA clone MGC:88342 IMAGE:30352166)
"Homo sapiens T-cell receptor alpha chain (TCRA) mRNA (HLA-A1, 24; B7, 8; DR 1, 3), comple
"17000531371753 GRN_EB Homo sapiens cDNA 5, mRNA sequence"
"Homo sapiens, clone IMAGE:5245578, mRNA"
"AGENCOURT_6546687 NIH_MGC_119 Homo sapiens cDNA clone IMAGE:5742531 5, mRNA
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"UI-1-BB1p-atr-a-09-0-UI.s1 NCI_CGAP_Pl6 Homo sapiens cDNA clone UI-1-BB1p-atr-a-09-0-U
"RST12985 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"zh47e08.r1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:415238 5
"hr63a10.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:3133146 3 similar to contain
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Homo sapiens full length insert cDNA clone YZ84G08
"UI-E-EJ0-ahv-e-11-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahv-e-11-0-UI 3, mR
"Homo sapiens cDNA FLJ46067 fis, clone TESOP2002110"
"UI-H-BI0p-abm-h-10-0-UI.s1 NCI_CGAP_Sub2 Homo sapiens cDNA clone IMAGE:2712450 3,
"wv06f12.x1 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGE:2528783 3 similar to gb:X171
"Homo sapiens cDNA FLJ41556 fis, clone COLON2006282"
"xj40e04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2659710 3, mRNA se
Homo sapiens D21S2090E mRNA sequence
"ya74h09.s1 Stratagene placenta (#937225) Homo sapiens cDNA clone IMAGE:67457 3, mRNA
"AGENCOURT_10425186 NIH_MGC_126 Homo sapiens cDNA clone IMAGE:6649626 5, mRN
"zt86g03.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:729268 5, mRNA sequence
"UI-H-BI1-afh-a-08-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2721687 3, m
"ym60a11.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:52622 3, mRNA sequ
"CR740207 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGp971G2055 ; IMAGE:824852 5
"Homo sapiens cDNA: FLJ22140 fis, clone HEP20977"
"UI-H-EU1-bac-f-07-0-UI.s1 NCI_CGAP_Ct1 Homo sapiens cDNA clone UI-H-EU1-bac-f-07-0-U
"UI-E-EJ1-ajn-i-16-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajn-i-16-0-UI 3, mRNA
"AV647906 GLC Homo sapiens cDNA clone GLCBDC04 3, mRNA sequence"
"oy41f08.s1 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone IMAGE:1668423 3,
"RC4-CN0048-120200-012-c10 CN0048 Homo sapiens cDNA, mRNA sequence"
"UI-H-BI1-acy-f-03-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2716156 3, mR
"imageqc_6_2000/sjp106bdff41.x1 NCI_CGAP_Lei2 Homo sapiens cDNA clone IMAGE:351979
"naf63d01.x1 NCI_CGAP_Brn66 Homo sapiens cDNA clone IMAGE:4168729 3, mRNA sequen
"UI-CF-EC1-abx-p-10-0-UI.s1 UI-CF-EC1 Homo sapiens cDNA clone UI-CF-EC1-abx-p-10-0-UI
"UI-H-BW1-amw-c-04-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3071238 3
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"AGENCOURT_7932584 NIH_MGC_72 Homo sapiens cDNA clone IMAGE:6157118 5, mRNA
"603075305F1 NIH_MGC_119 Homo sapiens cDNA clone IMAGE:5167201 5, mRNA sequence
"UI-E-EJ1-ajr-f-07-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajr-f-07-0-UI 3, mRNA

"nc46d05.y5 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:1011177, mRNA sequence"
"AF150372 Human mRNA from cd34+ stem cells Homo sapiens cDNA clone CBMABE07, mRN
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"AGENCOURT_10359846 NIH_MGC_82 Homo sapiens cDNA clone IMAGE:6616699 5, mRNA
"BX115738 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGp998D07589, mRNA s
"Homo sapiens cDNA FLJ34826 fis, clone NT2NE2008803"
"UI-E-CK1-afh-j-02-0-UI.r1 UI-E-CK1 Homo sapiens cDNA clone UI-E-CK1-afh-j-02-0-UI 5, mRN
"UI-E-EJ0-aip-l-19-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aip-l-19-0-UI 3, mRNA
"UI-H-BW1-amx-a-09-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3071153 3,
"AGENCOURT_40974108 NIH_MGC_281 Homo sapiens cDNA clone IMAGE:7781834 3, mRN
"Human mRNA for T-cell receptor alpha-chain J segment, partial cds, clone WADM36A"
"7k14f11.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:3444261 3, mRNA sequence'
"th70e02.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:2124026 3, mRNA seque
"zq45g07.s1 Stratagene hNT neuron (#937233) Homo sapiens cDNA clone IMAGE:632700 3, n
Homo sapiens mRNA; cDNA DKFZp761E1721 (from clone DKFZp761E1721)
Homo sapiens full length insert cDNA clone ZD58F01
"602585614F1 NIH_MGC_76 Homo sapiens cDNA clone IMAGE:4714515 5, mRNA sequence"
"601452348F1 NIH_MGC_66 Homo sapiens cDNA clone IMAGE:3856355 5, mRNA sequence"
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"RST9256 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
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"xd91c02.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2604962 3, mRNA se
"ab78f08.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:853095 3, mRNA
"RST44995 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"BX094610 NCI_CGAP_Brn52 Homo sapiens cDNA clone IMAGp998I075675, mRNA sequence
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"HESC3_16_H10.b1_A036 Human embryonic stem cells Homo sapiens cDNA clone IMAGE:74
"xc52f06.x1 NCI_CGAP_Eso2 Homo sapiens cDNA clone IMAGE:2587907 3, mRNA sequence
"al52b11.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1460925 3, mRNA se
"HESC4_34_D01.b1_A037 NIH_MGC_262 Homo sapiens cDNA clone IMAGE:7474204 3, mRN
Homo sapiens mRNA; cDNA DKFZp686C1250 (from clone DKFZp686C1250)
"BP396343 Homo sapiens pancreatic islet Homo sapiens cDNA clone hbt09690 3, mRNA seque
"17000600023745 GRN_PRENEU Homo sapiens cDNA 5, mRNA sequence"
"hi94g06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2979994 3, mRNA se
"Homo sapiens cDNA FLJ43491 fis, clone OCBBF3008230"
"BX115902 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998I162639, mRNA sequenc
"BX102869 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998P17421, mR
"UI-E-EJ0-ail-c-09-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ail-c-09-0-UI 3, mRNA
"602693628F1 NIH_MGC_97 Homo sapiens cDNA clone IMAGE:4825783 5, mRNA sequence"
"7g92g05.x1 NCI_CGAP_Co16 Homo sapiens cDNA clone IMAGE:3313976 3 similar to contain
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"HESC3_84_D06.g1_A036 Human embryonic stem cells Homo sapiens cDNA clone IMAGE:74
"AV737317 CB Homo sapiens cDNA clone CBCAQH03 5, mRNA sequence"
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"AGENCOURT_10457217 NIH_MGC_109 Homo sapiens cDNA clone IMAGE:6644984 5, mRN
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Homo sapiens clone FP7915 unknown mRNA
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"AGENCOURT_10403887 NIH_MGC_82 Homo sapiens cDNA clone IMAGE:6621869 5, mRNA
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"602807977F1 NCI_CGAP_Brn67 Homo sapiens cDNA clone IMAGE:4940250 5, mRNA seque
"AGENCOURT_7908489 NIH_MGC_82 Homo sapiens cDNA clone IMAGE:6105391 5, mRNA
"Homo sapiens primary neuroblastoma cDNA, clone:Nbla10527, full insert sequence"
"AGENCOURT_15609033 NIH_MGC_183 Homo sapiens cDNA clone IMAGE:30530585 5, mR
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"AGENCOURT_14374590 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30399869 5, mR
"zh57h05.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:416217
Homo sapiens mRNA; cDNA DKFZp434J194 (from clone DKFZp434J194)
"BX100513 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998O102576, mRNA sequen
"CR743533 Soares_testis_NHT Homo sapiens cDNA clone IMAGp971L1944 ; IMAGE:727458 5
"UI-CF-DU1-aap-e-15-0-UI.s1 UI-CF-DU1 Homo sapiens cDNA clone UI-CF-DU1-aap-e-15-0-UI
"AGENCOURT_6411402 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:5530423 5, mRNA
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"Homo sapiens, clone IMAGE:3909165, mRNA"
"UI-E-EJ0-ahr-o-19-0-UI.r1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahr-o-19-0-UI 5, mRN
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"17000532215901 GRN_ES Homo sapiens cDNA 5, mRNA sequence"
"ql57c09.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:1876432 3, mRNA seque
"Homo sapiens cDNA clone MGC:13035 IMAGE:3613409, complete cds"
Homo sapiens clone TESTIS-609 mRNA sequence
"ir30e06.y1 HR85 islet Homo sapiens cDNA clone IMAGE:6546731 5, mRNA sequence"
"ye98g12.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:125830 3, mRI
"zx42c01.r1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:789120 5, mR
"he11a05.x1 NCI_CGAP_CML1 Homo sapiens cDNA clone IMAGE:2918672 3, mRNA sequenc
"yv17e05.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:243008 3, mRI
"tw46h08.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2262783 3 similar to contains
"wj57c10.x1 NCI_CGAP_Lu19 Homo sapiens cDNA clone IMAGE:2406930 3, mRNA sequence
"Homo sapiens hypothetical protein LOC338620, mRNA (cDNA clone IMAGE:6023208), partial
Human HeLa mRNA isolated as a false positive in a two-hybrid-screen
"AGENCOURT_6437618 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:5532913 5, mRNA
"UI-H-FT2-bjh-d-23-0-UI.s1 NCI_CGAP_FT2 Homo sapiens cDNA clone UI-H-FT2-bjh-d-23-0-U
"Homo sapiens T-cell receptor alpha chain-like protein mRNA, complete cds"
"PREDICTED: Homo sapiens hypothetical LOC400999 (LOC400999), mRNA"

"Homo sapiens, clone IMAGE:5165425, mRNA"
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"603089645F1 NIH_MGC_120 Homo sapiens cDNA clone IMAGE:5228627 5, mRNA sequence
"Homo sapiens cDNA FLJ32840 fis, clone TESTI2003321"
"qv45e03.x1 NCI_CGAP_Ov32 Homo sapiens cDNA clone IMAGE:1984540 3, mRNA sequence
full-length cDNA clone CS0DJ011YN13 of T cells (Jurkat cell line) Cot 10-normalized of Homo s
"df27f11.w1 Morton Fetal Cochlea Homo sapiens cDNA clone IMAGE:2484644 3, mRNA seque
"tm62e06.x5 NCI_CGAP_Brn25 Homo sapiens cDNA clone IMAGE:2162722 3, mRNA sequenc
"UI-H-DF0-beu-j-10-0-UI.s1 NCI_CGAP_DF0 Homo sapiens cDNA clone UI-H-DF0-beu-j-10-0-U
"UI-E-EJ0-aik-g-22-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aik-g-22-0-UI 3, mRN
"ah41f08.s1 Soares_testis_NHT Homo sapiens cDNA clone 1292103 3, mRNA sequence"
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"AGENCOURT_7543948 NIH_MGC_92 Homo sapiens cDNA clone IMAGE:6067074 5, mRNA
Homo sapiens cDNA clone IMAGE:5297258
"qp49h09.x1 NCI_CGAP_Co8 Homo sapiens cDNA clone IMAGE:1926401 3, mRNA sequence"
Homo sapiens mRNA; cDNA DKFZp686M2414 (from clone DKFZp686M2414)
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"UI-E-EJ0-ahp-k-03-0-UI.r1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahp-k-03-0-UI 5, mR
"yg72g01.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:38786 3, mRNA sequ
"UI-H-BI4-aph-d-11-0-UI.s1 NCI_CGAP_Sub8 Homo sapiens cDNA clone IMAGE:3087405 3, m
"zx11g05.r1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:786200 5, mR
"BY797688 Homo sapiens eye Homo sapiens cDNA clone HEmEye2032D8_062.ab1 5, mRNA
"DA173998 BRAMY2 Homo sapiens cDNA clone BRAMY2037005 5, mRNA sequence"
"BX112872 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998B113810, mRNA s
"UI-H-BI3-ali-h-04-0-UI.s1 NCI_CGAP_Sub5 Homo sapiens cDNA clone IMAGE:2737014 3, mR
"UI-E-EJ0-ahs-k-21-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahs-k-21-0-UI 3, mR
"UI-H-EZ1-bbf-l-14-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bbf-l-14-0-UI
"wl03f11.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2423853 3, mRNA sequence"
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"UI-H-EZ1-bba-f-06-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bba-f-06-0-U
"UI-H-BI2-agg-d-11-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2724164 3, m
"tx53f04.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2273311 3, mRNA sequence"
full-length cDNA clone CS0DN003YC08 of Adult brain of Homo sapiens (human)
"603183417F1 NIH_MGC_121 Homo sapiens cDNA clone IMAGE:5247269 5, mRNA sequence
"tm56f06.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2162147 3, mRNA sequence
"in34h07.y1 Human Fetal Pancreas 1B Homo sapiens cDNA 5 similar to TR:Q14754 Q14754 O
"hd24f04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2910463 3 similar to
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"UI-E-EJ0-ahn-g-14-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahn-g-14-0-UI 3, mR
"UI-E-EJ1-ajh-a-03-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajh-a-03-0-UI 3, mRN
"DA830074 PLACE1 Homo sapiens cDNA clone PLACE1004374 5, mRNA sequence"
"AL528570 Homo sapiens NEUROBLASTOMA COT 50-NORMALIZED Homo sapiens cDNA cl
"AGENCOURT_10520654 NIH_MGC_128 Homo sapiens cDNA clone IMAGE:6702588 5, mRN

"UI-E-EJ0-ahn-c-14-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahn-c-14-0-UI 3, mR
"BX101194 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGp998B082580, m
Homo sapiens cDNA clone IMAGE:4794367
"EST380840 MAGE resequences, MAGJ Homo sapiens cDNA, mRNA sequence"
"nx83a02.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1268810 3, mRNA sequenc
"ho30a11.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3038876 3, mRNA sequence
"BP873537 Sugano cDNA library, embryonal kidney Homo sapiens cDNA clone HKR13896, mR
"UI-H-BW1-anh-h-12-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3082606 3,
"qf67e09.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1755112 3, mRNA sequenc
"UI-E-CL1-ael-a-08-0-UI.s1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-ael-a-08-0-UI 3, mR
"UI-E-CL1-aeq-d-11-0-UI.r1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-aeq-d-11-0-UI 5, mR
"DA298023 BRHIP2 Homo sapiens cDNA clone BRHIP2011612 5, mRNA sequence"
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"7p17e02.x1 NCI_CGAP_Br22 Homo sapiens cDNA clone IMAGE:3646155 3, mRNA sequence
"DA101838 BRACE3 Homo sapiens cDNA clone BRACE3014187 5, mRNA sequence"
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"UI-E-EJ0-ahj-f-02-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahj-f-02-0-UI 3, mRNA
"UI-H-BI2-agg-b-01-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2724048 3, m
"BX118281 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGp998I204974, mRNA sequence
"wy78b04.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2554639
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"ye74b04.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:123439 3, mRI
"nc02h04.s1 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:280, mRNA sequence"
"wm30d11.x1 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGE:2437461 3, mRNA sequence
"UI-CF-EN1-acx-i-12-0-UI.s1 UI-CF-EN1 Homo sapiens cDNA clone UI-CF-EN1-acx-i-12-0-UI 3
"UI-H-DT1-avz-n-24-0-UI.s1 NCI_CGAP_DT1 Homo sapiens cDNA clone IMAGE:5886551 3, m
"UI-H-BI0p-abl-c-12-0-UI.s1 NCI_CGAP_Sub2 Homo sapiens cDNA clone IMAGE:2712191 3, n
"UI-CF-EC0-abi-h-07-0-UI.s1 UI-CF-EC0 Homo sapiens cDNA clone UI-CF-EC0-abi-h-07-0-UI 3
"UI-H-EU0-azp-n-06-0-UI.s1 NCI_CGAP_Car1 Homo sapiens cDNA clone UI-H-EU0-azp-n-06-0
"ze34g02.s1 Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:360914 3, mRNA seque
"UI-CF-FN0-afh-f-03-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-afh-f-03-0-UI 3,
"UI-H-BI2-ahe-h-11-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2726660 3, m
"UI-H-DF0-bep-h-20-0-UI.s1 NCI_CGAP_DF0 Homo sapiens cDNA clone UI-H-DF0-bep-h-20-0
"DB074408 TESTI4 Homo sapiens cDNA clone TESTI4017996 5, mRNA sequence"
"UI-H-DT0-aub-e-14-0-UI.s1 NCI_CGAP_DT0 Homo sapiens cDNA clone IMAGE:5867125 3, m
"UI-CF-EC1-acc-m-06-0-UI.s1 UI-CF-EC1 Homo sapiens cDNA clone UI-CF-EC1-acc-m-06-0-U
"UI-H-BI0-aab-b-01-0-UI.s1 NCI_CGAP_Sub1 Homo sapiens cDNA clone IMAGE:2708665 3, m
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"ai84e05.s1 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone IMAGE:1387520 3,
"UI-E-EO0-aia-m-15-0-UI.s1 UI-E-EO0 Homo sapiens cDNA clone UI-E-EO0-aia-m-15-0-UI 3, m
"UI-H-BW1-anf-b-07-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3081948 3, r
"UI-H-ED0-axm-l-22-0-UI.s1 NCI_CGAP_ED0 Homo sapiens cDNA clone IMAGE:5830821 3, m
"tw84c08.x1 NCI_CGAP_HN5 Homo sapiens cDNA clone IMAGE:2266382 3, mRNA sequence"
"UI-H-BW0-aiv-b-03-0-UI.s1 NCI_CGAP_Sub6 Homo sapiens cDNA clone IMAGE:2730557 3, r

"wb39e07.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2308068 3, mRNA sequence
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"tz62a11.x1 NCI_CGAP_Ov35 Homo sapiens cDNA clone IMAGE:2293148 3 similar to contains
"602976638F1 NIH_MGC_12 Homo sapiens cDNA clone IMAGE:5115800 5, mRNA sequence"
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"UI-H-DI0-auw-h-24-0-UI.s1 NCI_CGAP_DI0 Homo sapiens cDNA clone IMAGE:5875271 3, mR
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"UI-E-EJ0-aif-o-06-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aif-o-06-0-UI 3, mRNA
"UI-H-BI3-alb-c-06-0-UI.s1 NCI_CGAP_Sub5 Homo sapiens cDNA clone IMAGE:2736011 3, mI
"UI-H-BW0-ain-c-07-0-UI.s1 NCI_CGAP_Sub6 Homo sapiens cDNA clone IMAGE:2729845 3, r
"602341884F1 NIH_MGC_89 Homo sapiens cDNA clone IMAGE:4452140 5, mRNA sequence"
"UI-H-CO0-aqu-f-10-0-UI.s1 NCI_CGAP_Sub9 Homo sapiens cDNA clone IMAGE:3105521 3, r
"UI-H-BW1-anl-g-04-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3082926 3, r
"BP423994 Homo sapiens small intestine Homo sapiens cDNA clone HIE07584r 3, mRNA sequ
"xm41h02.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2686803 3, mRNA sequence
"AGENCOURT_14365016 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30395808 5, mR
"UI-H-EZ1-bbj-p-24-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bbj-p-24-0-U
"nk46b11.s1 NCI_CGAP_GC2 Homo sapiens cDNA clone IMAGE:1016541 3, mRNA sequence
"UI-H-DT1-awb-m-01-0-UI.s1 NCI_CGAP_DT1 Homo sapiens cDNA clone IMAGE:5887272 3, r
"UI-1-BC1-ajl-g-07-0-UI.s1 NCI_CGAP_Pl2 Homo sapiens cDNA clone UI-1-BC1-ajl-g-07-0-UI 3
"yc88d04.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:23095 3 similar to con
"UI-H-EU1-bac-c-08-0-UI.s1 NCI_CGAP_Ct1 Homo sapiens cDNA clone UI-H-EU1-bac-c-08-0-U
"nt78g02.s1 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:1204658, mRNA sequence"
"cs02a11.x1 Human Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs
"UI-H-BW1-aml-e-05-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3070185 3,
"UI-CF-FN0-aey-j-05-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone UI-CF-FN0-aey-j-05-0-UI 3,
"UI-H-BI4-apl-e-02-0-UI.s1 NCI_CGAP_Sub8 Homo sapiens cDNA clone IMAGE:3087819 3, mI
"UI-E-EJ0-ait-p-11-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ait-p-11-0-UI 3, mRNA
"UI-H-BI1-aew-c-10-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2720658 3, m
"hv71a07.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3178836 3, mRNA sequence
"UI-H-FL1-bgc-p-14-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bgc-p-14-0-U
"wt23e07.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2508324 3, mRNA sequence"
"DA873530 PROST2 Homo sapiens cDNA clone PROST2010803 5, mRNA sequence"
"UI-H-FE0-bby-e-02-0-UI.s1 NCI_CGAP_FE0 Homo sapiens cDNA clone UI-H-FE0-bby-e-02-0-
"ai78h04.s1 Soares_testis_NHT Homo sapiens cDNA clone 1376983 3, mRNA sequence"
"DA877611 PROST2 Homo sapiens cDNA clone PROST2016121 5, mRNA sequence"
"BP419039 Homo sapiens small intestine Homo sapiens cDNA clone HIE02238r 3, mRNA sequ
"DKFZp686E1489_r1 686 (synonym: hlcc3) Homo sapiens cDNA clone DKFZp686E1489 5, mR
"ah67d02.s1 Soares_testis_NHT Homo sapiens cDNA clone 1320675 3, mRNA sequence"
"UI-CF-DU1-ads-e-15-0-UI.s1 UI-CF-DU1 Homo sapiens cDNA clone UI-CF-DU1-ads-e-15-0-UI
"AGENCOURT_14364557 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30397891 5, mR
"UI-H-BI3-akz-d-01-0-UI.s1 NCI_CGAP_Sub5 Homo sapiens cDNA clone IMAGE:2736025 3, m

"7f80b05.x1 Lupski_dorsal_root_ganglion Homo sapiens cDNA clone IMAGE:3303128 3, mRNA
"op77c07.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1582860 3, mRNA se
"UI-H-BI2-aid-d-05-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2728761 3, m
"hk58d01.x1 NCI_CGAP_Lym12 Homo sapiens cDNA clone IMAGE:3000865 3, mRNA sequen
"hh82d09.y1 NCI_CGAP_GU1 Homo sapiens cDNA clone IMAGE:2969297 5, mRNA sequence
"UI-H-BW1-aoa-a-06-0-UI.s1 NCI_CGAP_Sub7 Homo sapiens cDNA clone IMAGE:3083819 3,
"wx20a11.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2544188 3 similar to contain
"xc32c10.x1 NCI_CGAP_Co18 Homo sapiens cDNA clone IMAGE:2585970 3, mRNA sequence
"UI-H-CO0-aqg-d-07-0-UI.s1 NCI_CGAP_Sub9 Homo sapiens cDNA clone IMAGE: 3103907 3,
"UI-H-BI2-agn-g-04-0-UI.s1 NCI_CGAP_Sub4 Homo sapiens cDNA clone IMAGE:2725039 3, m
"wu14g08.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2516990 3, mRNA sequence
"UI-1-BC1p-ali-e-01-0-UI.s1 NCI_CGAP_Pl3 Homo sapiens cDNA clone UI-1-BC1p-ali-e-01-0-U
"UI-H-EU1-bad-j-13-0-UI.s1 NCI_CGAP_Ct1 Homo sapiens cDNA clone UI-H-EU1-bad-j-13-0-U
"DKFZp781A1072_s1 781 (synonym: hlcc4) Homo sapiens cDNA clone DKFZp781A1072 3, mR
"UI-H-EU0-azv-i-08-0-UI.s1 NCI_CGAP_Car1 Homo sapiens cDNA clone IMAGE: 5854159 3, m
"UI-H-CO0-aqy-h-10-0-UI.s1 NCI_CGAP_Sub9 Homo sapiens cDNA clone IMAGE:3106001 3, r
"UI-H-EZ1-bbz-e-15-0-UI.s1 NCI_CGAP_Ch2 Homo sapiens cDNA clone UI-H-EZ1-bbz-e-15-0-
"UI-E-CK1-agb-m-11-0-UI.s1 UI-E-CK1 Homo sapiens cDNA clone UI-E-CK1-agb-m-11-0-UI 3,
"UI-E-CQ1-agd-d-24-0-UI.s1 UI-E-CQ1 Homo sapiens cDNA clone UI-E-CQ1-agd-d-24-0-UI 3, r
"UI-H-DH1-axf-o-15-0-UI.s1 NCI_CGAP_DH1 Homo sapiens cDNA clone IMAGE:5828198 3, m
"UI-E-CL1-afa-l-14-0-UI.s1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-afa-l-14-0-UI 3, mRN
"UI-E-CL1-afd-c-15-0-UI.r1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-afd-c-15-0-UI 5, mRI
"ty48b11.x1 NCI_CGAP_Ut2 Homo sapiens cDNA clone IMAGE:2282301 3, mRNA sequence"
"xp82e07.x1 NCI_CGAP_Ov40 Homo sapiens cDNA clone IMAGE:2746884 3 similar to contain
Homo sapiens mRNA; cDNA DKFZp686J12188 (from clone DKFZp686J12188)
"Homo sapiens cDNA: FLJ23072 fis, clone LNG05713"
"603087341F1 NIH_MGC_120 Homo sapiens cDNA clone IMAGE:5226155 5, mRNA sequence
"Human T-cell receptor (V beta 4.1-variant, J beta 2.1, C beta 2) mRNA"
"BX400436 Homo sapiens T CELLS (JURKAT CELL LINE) COT 10-NORMALIZED Homo sapie
full-length cDNA clone CS0CAP004YG21 of Thymus of Homo sapiens (human)
full-length cDNA clone CS0DI057YA22 of Placenta Cot 25-normalized of Homo sapiens (human
"Homo sapiens cDNA FLJ38153 fis, clone DFNES1000083"
full-length cDNA clone CS0DF032YD19 of Fetal brain of Homo sapiens (human)
"Homo sapiens cDNA FLJ26380 fis, clone HRT06687"
"PREDICTED: Homo sapiens hypothetical gene supported by BX538329 (LOC441366), mRNA"
"DA226018 BRAWH3 Homo sapiens cDNA clone BRAWH3019594 5, mRNA sequence"
"zv54b02.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:757419 3, mRNA sequence
"UI-E-EJ0-ahr-m-24-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahr-m-24-0-UI 3, mR
"PM0-ST0264-161199-001-b06 ST0264 Homo sapiens cDNA, mRNA sequence"
"602679411F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE:4812266 5, mRNA sequence"
"TC125227 Human breast cancer tissue, large insert, pCMV expression library Homo sapiens cI
"qf40g04.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1752534 3 similar to TR:O0
Homo sapiens mRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)
"AGENCOURT_10278999 NIH_MGC_82 Homo sapiens cDNA clone IMAGE:6591845 5, mRNA

"BX110961 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998C15474, mR
"BX337332 Homo sapiens PLACENTA COT 25-NORMALIZED Homo sapiens cDNA clone CS0
"UI-H-BI4-aqd-b-02-0-UI.s1 NCI_CGAP_Sub8 Homo sapiens cDNA clone IMAGE:3089235 3, m
"AV681673 GKB Homo sapiens cDNA clone GKBABD06 5, mRNA sequence"
"CR747253 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGp998J216211 ; IMAGE:249573
"wd36e06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2330242 3 similar to
"UI-H-FL1-bgx-k-02-0-UI.s1 NCI_CGAP_FL1 Homo sapiens cDNA clone UI-H-FL1-bgx-k-02-0-U
"ov70a09.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1642648 3, mRNA sequen
"DA297081 BRHIP2 Homo sapiens cDNA clone BRHIP2010218 5, mRNA sequence"
"DKFZp434L2414_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434L2414 5, mR
"EST375647 MAGE resequences, MAGH Homo sapiens cDNA, mRNA sequence"
"7a57g12.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:3222886 3, mRNA sequence
"PM3-NN0223-200301-008-b09 NN0223 Homo sapiens cDNA, mRNA sequence"
"wd27c06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2329354 3, mRNA s
"DB305184 BRAWH3 Homo sapiens cDNA clone BRAWH3018751 3, mRNA sequence"
"UI-E-DW1-ahc-b-12-0-UI.s1 UI-E-DW1 Homo sapiens cDNA clone UI-E-DW1-ahc-b-12-0-UI 3,
"Homo sapiens cDNA FLJ37257 fis, clone BRAMY2010171"
"UI-H-DI0-auz-o-21-0-UI.s1 NCI_CGAP_DI0 Homo sapiens cDNA clone UI-H-DI0-auz-o-21-0-U
"DA532438 FEBRA2 Homo sapiens cDNA clone FEBRA2026055 5, mRNA sequence"
"602145539F1 NIH_MGC_48 Homo sapiens cDNA clone IMAGE:4309424 5, mRNA sequence"
"601301818F1 NIH_MGC_21 Homo sapiens cDNA clone IMAGE:3636412 5, mRNA sequence"
"MGC9.6.1.1.1.B04.R.1 NIH_MGC_331 Homo sapiens cDNA clone MGC9.6.1.1.1.B04, mRNA s
"BX099724 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGp998F2010
"Homo sapiens, clone IMAGE:5165100, mRNA"
"zn90c01.r1 Stratagene lung carcinoma 937218 Homo sapiens cDNA clone IMAGE:565440 5, m
"BX384892 Homo sapiens B CELLS (RAMOS CELL LINE) COT 25-NORMALIZED Homo sapie
"BX099637 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998H224003, mRNA s
"BX109720 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone IMAGp998O10332, mR
"wf24a04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2356494 3, mRNA se
"MGC9.7.1.1.1.A05.R.1 NIH_MGC_331 Homo sapiens cDNA clone MGC9.7.1.1.1.A05, mRNA s
"Homo sapiens cDNA FLJ13309 fis, clone OVARC1001442"
"wf67f08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2360679 3 similar to S
"Homo sapiens cDNA FLJ13267 fis, clone OVARC1000964"
"BX394411 Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED Homo sapiens cDNA cl
"Homo sapiens cDNA FLJ36037 fis, clone TESTI2017256"
"Homo sapiens primary neuroblastoma cDNA, clone:Nbla10111, full insert sequence"
"AV750156 NPC Homo sapiens cDNA clone NPCCTG12 5, mRNA sequence"
"TCBAP1E6464 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA
"17000531973183 GRN_ES Homo sapiens cDNA 5, mRNA sequence"
"Homo sapiens, clone IMAGE:5168221, mRNA"
"BX117128 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp998H103715, mRNA s
"AGENCOURT_14364958 NIH_MGC_181 Homo sapiens cDNA clone IMAGE:30408213 5, mR
"603254821F1 NIH_MGC_97 Homo sapiens cDNA clone IMAGE:5297356 5, mRNA sequence"
"AV705309 ADB Homo sapiens cDNA clone ADBBWE05 5, mRNA sequence"

"DA040547 BLADE2 Homo sapiens cDNA clone BLADE2001729 5, mRNA sequence"
"BX119501 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGp998A084374 ;
"qk28a11.x1 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGE:1870268 3, mRNA sequence
"603034918F1 NIH_MGC_115 Homo sapiens cDNA clone IMAGE:5175893 5, mRNA sequence
"DA953700 SPLEN2 Homo sapiens cDNA clone SPLEN2031745 5, mRNA sequence"
"BX116657 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998O114104, mRNA sequen
"AGENCOURT_8908314 NIH_MGC_142 Homo sapiens cDNA clone IMAGE:6451930 5, mRNA
"602538817F1 NIH_MGC_59 Homo sapiens cDNA clone IMAGE:4659749 5, mRNA sequence"
"AGENCOURT_13445090 NIH_MGC_187 Homo sapiens cDNA clone IMAGE:30319313 5, mR
"5000CED06 Fetal Brain 15 Homo sapiens cDNA 5, mRNA sequence"
"CR740913 Soares_testis_NHT Homo sapiens cDNA clone IMAGp971H2144 ; IMAGE:727364
full-length cDNA clone CS0DM012YE14 of Fetal liver of Homo sapiens (human)
Homo sapiens cDNA clone IMAGE:5267453
"DA189000 BRAMY3 Homo sapiens cDNA clone BRAMY3010565 5, mRNA sequence"
"qd93a12.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1737022 3, mRNA sequen
"ny62g05.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1282904 3, mRNA sequenc
"Homo sapiens cDNA: FLJ21429 fis, clone COL04205"
"CT000682 RZPD no.9017 Homo sapiens cDNA clone RZPDp9017N065 5, mRNA sequence"
"DB303435 BRAMY3 Homo sapiens cDNA clone BRAMY3016564 3, mRNA sequence"
"AGENCOURT_8109349 Lupski_sympathetic_trunk Homo sapiens cDNA clone IMAGE:618940
"UI-E-EJ1-ajh-l-06-0-UI.r1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-ajh-l-06-0-UI 5, mRNA
"EST22604 human nasopharynx Homo sapiens cDNA, mRNA sequence"
"BX092245 NCI_CGAP_GC4 Homo sapiens cDNA clone IMAGp998J163735 ; IMAGE:1476591
"BX097124 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGp998E19667, mRNA
"BX096301 Soares retina N2b5HR Homo sapiens cDNA clone IMAGp998C16444, mRNA seque
"CM3-MT0357-260101-690-b10 MT0357 Homo sapiens cDNA, mRNA sequence"
"hv65h08.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:3178335 3, mRNA sequence
"K-EST0224422 L17N670205n1 Homo sapiens cDNA clone L17N670205n1-32-D06 5, mRNA s
Homo sapiens mRNA; cDNA DKFZp779O0231 (from clone DKFZp779O0231)
"Homo sapiens cDNA: FLJ21679 fis, clone COL09221"
Homo sapiens cDNA clone IMAGE:5268658
"Homo sapiens cDNA FLJ46626 fis, clone TRACH2001612"
"Homo sapiens cDNA FLJ46527 fis, clone THYMU3034853"
"zj27f01.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:451513 3
"nn54f09.s1 NCI_CGAP_Kid6 Homo sapiens cDNA clone IMAGE:1087721 3, mRNA sequence'
"MGC_EST_41324 BD# 636643 Human Total RNA Master Panel II Homo sapiens cDNA, mRNA
"DA236664 BRAWH3 Homo sapiens cDNA clone BRAWH3033381 5, mRNA sequence"
"BX119024 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGp998F172587, m
"BX119270 Soares breast 2NbHBst Homo sapiens cDNA clone IMAGp998P23241, mRNA sequ
"UI-E-EJ0-aif-j-07-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aif-j-07-0-UI 3, mRNA
"Homo sapiens cDNA FLJ41558 fis, clone COLON2009499"
"BX104737 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp998J084400, mR
"DA196996 BRAMY4 Homo sapiens cDNA clone BRAMY4002841 5, mRNA sequence"
"Homo sapiens cDNA FLJ39593 fis, clone SKNSH2001222"

"DKFZp781L12160_r1 781 (synonym: hlcc4) Homo sapiens cDNA clone DKFZp781L12160 5, m
"BX345339 Homo sapiens NEUROBLASTOMA COT 25-NORMALIZED Homo sapiens cDNA cl
"ah75d05.s1 Soares_testis_NHT Homo sapiens cDNA clone 1321449 3, mRNA sequence"
"17000600172763 GRN_PRENEU Homo sapiens cDNA 5, mRNA sequence"
Homo sapiens unknown mRNA
"TCBAP1E4443 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA
"UI-E-EJ1-aji-j-06-0-UI.s1 UI-E-EJ1 Homo sapiens cDNA clone UI-E-EJ1-aji-j-06-0-UI 3, mRNA
"RST44693 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"DA608330 IMR322 Homo sapiens cDNA clone IMR322005706 5, mRNA sequence"
"DA380299 BRTHA2 Homo sapiens cDNA clone BRTHA2013452 5, mRNA sequence"
"DA932631 SPLEN2 Homo sapiens cDNA clone SPLEN2002314 5, mRNA sequence"
"Homo sapiens cDNA FLJ14337 fis, clone PLACE4000494"
"zv03e08.r1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:752582 5 similar to conta
"DA863698 PLACE7 Homo sapiens cDNA clone PLACE7017209 5, mRNA sequence"
"DA728582 NT2RM2 Homo sapiens cDNA clone NT2RM2002174 5, mRNA sequence"
"UI-E-EJ0-aho-m-08-0-UI.s1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-aho-m-08-0-UI 3, m
"DA433643 CTONG1 Homo sapiens cDNA clone CTONG1000417 5, mRNA sequence"
"NISC_gc06h03.x1 NCI_CGAP_Co17 Homo sapiens cDNA clone IMAGE:3218141 3, mRNA se
"wm07h02.x1 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGE:2435283 3, mRNA sequence
"MGC9.2.1.1.1.A06.F.1 NIH_MGC_331 Homo sapiens cDNA clone MGC9.2.1.1.1.A06, mRNA s
"Homo sapiens cDNA: FLJ21464 fis, clone COL04768"
"DB344990 THYMU3 Homo sapiens cDNA clone THYMU3007063 3, mRNA sequence"
"DA160026 BRAMY2 Homo sapiens cDNA clone BRAMY2019928 5, mRNA sequence"
"DB376790 PLACE1 Homo sapiens cDNA clone PLACE1006665 3, mRNA sequence"
"DA466757 D3OST3 Homo sapiens cDNA clone D3OST3000186 5, mRNA sequence"
"DA722162 NT2RI3 Homo sapiens cDNA clone NT2RI3002862 5, mRNA sequence"
"DA804594 OCBBF3 Homo sapiens cDNA clone OCBBF3019358 5, mRNA sequence"
"602538216F1 NIH_MGC_59 Homo sapiens cDNA clone IMAGE:4659674 5, mRNA sequence"
"NISC_gf01f08.y1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:3252614 5, mRNA sec
"AGENCOURT_8806885 NIH_MGC_47 Homo sapiens cDNA clone IMAGE:6338475 5, mRNA
"602490627F1 NIH_MGC_18 Homo sapiens cDNA clone IMAGE:4622599 5, mRNA sequence"
"DB335527 TESOP2 Homo sapiens cDNA clone TESOP2008439 3, mRNA sequence"
"BX110166 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGp998E014658, mRNA sequence
"AGENCOURT_15595604 NIH_MGC_183 Homo sapiens cDNA clone IMAGE:30530228 5, mR
"DB296040 BLADE2 Homo sapiens cDNA clone BLADE2004377 3, mRNA sequence"
"qf64e12.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1754830 3, mRNA sequenc
"PM4-EN0063-151100-002-b09 EN0063 Homo sapiens cDNA, mRNA sequence"
"DA798455 OCBBF3 Homo sapiens cDNA clone OCBBF3001853 5, mRNA sequence"
"DA938998 SPLEN2 Homo sapiens cDNA clone SPLEN2012410 5, mRNA sequence"
"NISC_na09g08.y1 COGENE 8.5 EAT Homo sapiens cDNA clone IMAGE:5794742 5, mRNA se
"CR736208 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp971A1780 ; IMAGE:18
"Homo sapiens cDNA FLJ40058 fis, clone TCOLN1000180"
"qf55c06.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1753930 3, mRNA sequenc
"Homo sapiens, clone IMAGE:5752728, mRNA"

"th57e03.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2122396 3, mRNA sequence
"602658226F2 NCI_CGAP_Skn3 Homo sapiens cDNA clone IMAGE:4801470 5, mRNA sequer
"DB083009 TESTI4 Homo sapiens cDNA clone TESTI4029502 5, mRNA sequence"
"DA162248 BRAMY2 Homo sapiens cDNA clone BRAMY2022619 5, mRNA sequence"
"BX447862 Homo sapiens T CELLS (JURKAT CELL LINE) Homo sapiens cDNA clone CS0DH0
"wd35f06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2330147 3, mRNA se
"op31g11.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1578500 3, mRNA s
"aa26b04.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:814351 5, mRNA sequence
"DB337826 TESTI2 Homo sapiens cDNA clone TESTI2027763 3, mRNA sequence"
"DKFZp434O1935_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434O1935 5, mR
"DB043695 TESTI2 Homo sapiens cDNA clone TESTI2031475 5, mRNA sequence"
"DB338706 TESTI2 Homo sapiens cDNA clone TESTI2043440 3, mRNA sequence"
"AU253866 human unfavorable neuroblastoma cDNA Homo sapiens cDNA clone Nbla11379 3,
"Homo sapiens mRNA for hypothetical protein, complete cds, clone:Hsa11-digit22-05-16-R"
"EST7458 human nasopharynx Homo sapiens cDNA, mRNA sequence"
"DA554227 HCHON2 Homo sapiens cDNA clone HCHON2004197 5, mRNA sequence"
"EST96676 Testis I Homo sapiens cDNA 5 end, mRNA sequence"
"DB337954 TESTI2 Homo sapiens cDNA clone TESTI2029897 3, mRNA sequence"
"DA880232 PROST2 Homo sapiens cDNA clone PROST2019563 5, mRNA sequence"
"DB302226 BRAMY2 Homo sapiens cDNA clone BRAMY2022966 3, mRNA sequence"
"aa43c10.r1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:823698 5, mRNA sequen
"oj08g11.y1 Human lacrimal gland, unamplified: oj Homo sapiens cDNA clone oj08g11 5, mRNA
"DB375714 PLACE1 Homo sapiens cDNA clone PLACE1005210 3, mRNA sequence"
"ov22f07.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1638085 3, mRNA sequenc
"wj26e11.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2403980 3, mRNA sequence
"DB337475 TESTI2 Homo sapiens cDNA clone TESTI2022141 3, mRNA sequence"
"UI-H-BI0p-abm-a-01-0-UI.s1 NCI_CGAP_Sub2 Homo sapiens cDNA clone IMAGE:2712096 3,
"UI-1-BB0-abu-g-12-0-UI.s1 NCI_CGAP_Pl4 Homo sapiens cDNA clone UI-1-BB0-abu-g-12-0-U
"UI-1-BC1p-ary-b-02-0-UI.s1 NCI_CGAP_Pl3 Homo sapiens cDNA clone UI-1-BC1p-ary-b-02-0-
"DB041946 TESTI2 Homo sapiens cDNA clone TESTI2029158 5, mRNA sequence"
"AV657446 GLC Homo sapiens cDNA clone GLCFCA04 3, mRNA sequence"
"DB304157 BRAWH2 Homo sapiens cDNA clone BRAWH2011635 3, mRNA sequence"
"DB338885 TESTI2 Homo sapiens cDNA clone TESTI2046701 3, mRNA sequence"
"UI-E-CK1-afh-b-01-0-UI.s1 UI-E-CK1 Homo sapiens cDNA clone UI-E-CK1-afh-b-01-0-UI 3, mR
"DA888447 PUAEN2 Homo sapiens cDNA clone PUAEN2009173 5, mRNA sequence"
"CR745865 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGp971N1978 ; IMAGE:18
"ai60g03.s1 Soares_testis_NHT Homo sapiens cDNA clone 1375252 3 similar to contains L1.b3
"oj99c05.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1506440 3, mRNA se
"DB338677 TESTI2 Homo sapiens cDNA clone TESTI2042863 3, mRNA sequence"
"DB336584 TESTI2 Homo sapiens cDNA clone TESTI2008346 3, mRNA sequence"
"7d33a07.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:3249012 3 similar to contains
"DB338619 TESTI2 Homo sapiens cDNA clone TESTI2041956 3, mRNA sequence"
"K-EST0130175 S13KMS5s1 Homo sapiens cDNA clone S13KMS5s1-28-F07 5, mRNA sequer
"AGENCOURT_14354957 NIH_MGC_191 Homo sapiens cDNA clone IMAGE:30413554 5, mR

"AGENCOURT_10229596 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6563923 5, mRN
"DA717721 NT2RI2 Homo sapiens cDNA clone NT2RI2025693 5, mRNA sequence"
"ts88g10.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2238402 3, mRNA sequence"
"DA724733 NT2RI3 Homo sapiens cDNA clone NT2RI3006220 5, mRNA sequence"
"DB297053 BRACE2 Homo sapiens cDNA clone BRACE2010483 3, mRNA sequence"
"UI-1-BB1p-aki-a-08-0-UI.s1 NCI_CGAP_Pl6 Homo sapiens cDNA clone UI-1-BB1p-aki-a-08-0-
"DB338170 TESTI2 Homo sapiens cDNA clone TESTI2033861 3, mRNA sequence"
"AV735490 CB Homo sapiens cDNA clone CBFBDD05 5, mRNA sequence"
"DB337400 TESTI2 Homo sapiens cDNA clone TESTI2021026 3, mRNA sequence"
"DA652386 MESAN2 Homo sapiens cDNA clone MESAN2006778 5, mRNA sequence"
"DB305342 BRAWH3 Homo sapiens cDNA clone BRAWH3023070 3, mRNA sequence"
"am81e07.s1 Stratagene schizo brain S11 Homo sapiens cDNA clone IMAGE:1629540 3, mRN
Homo sapiens mRNA; cDNA DKFZp686N1215 (from clone DKFZp686N1215)
"wn53g02.x1 NCI_CGAP_Lu19 Homo sapiens cDNA clone IMAGE:2449202 3, mRNA sequenc
"op52h12.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1580519 3, mRNA s
"DB077179 TESTI4 Homo sapiens cDNA clone TESTI4021709 5, mRNA sequence"
"602726110F1 NIH_MGC_15 Homo sapiens cDNA clone IMAGE:4865595 5, mRNA sequence"
"MR1-GN0172-061100-005-h03 GN0172 Homo sapiens cDNA, mRNA sequence"
"DA083801 BRACE2 Homo sapiens cDNA clone BRACE2037735 5, mRNA sequence"
"DB259922 UTERU2 Homo sapiens cDNA clone UTERU2017075 5, mRNA sequence"
"DA778026 OCBBF2 Homo sapiens cDNA clone OCBBF2012580 5, mRNA sequence"
"CHR220091 Chromosome 22 exon Homo sapiens cDNA clone C22_121 5, mRNA sequence"
"DB304866 BRAWH3 Homo sapiens cDNA clone BRAWH3009977 3, mRNA sequence"
"EST52632 Fetal heart II Homo sapiens cDNA 5 end, mRNA sequence"
"EST96866 Testis I Homo sapiens cDNA 5 end, mRNA sequence"
"qe12d05.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1738761 3, mRNA sequen
"CR744384 Soares_testis_NHT Homo sapiens cDNA clone IMAGp971N0157 ; IMAGE:104882
"DA896354 SKMUS2 Homo sapiens cDNA clone SKMUS2004129 5, mRNA sequence"
"17000531886861 GRN_ES Homo sapiens cDNA 5, mRNA sequence"
"RST27329 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
"DB337520 TESTI2 Homo sapiens cDNA clone TESTI2022890 3, mRNA sequence"
"hx82f02.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:3194331 3 similar to contain
"BX119487 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGp998P204568 ; IMAGE:186611
"ov47h04.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1640503 3, mRNA sequen
"UI-E-EJ0-ahv-k-01-0-UI.r1 UI-E-EJ0 Homo sapiens cDNA clone UI-E-EJ0-ahv-k-01-0-UI 5, mR
"SM011178 Brain 3 EST Homo sapiens cDNA clone ID_11178 3', mRNA sequence"
"NISC_na12a03.y1 COGENE 8.5 EAT Homo sapiens cDNA clone IMAGE:5794469 5, mRNA se
"DA331166 BRHIP3 Homo sapiens cDNA clone BRHIP3028838 5, mRNA sequence"
"yz76c09.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:288976
"DB338438 TESTI2 Homo sapiens cDNA clone TESTI2038389 3, mRNA sequence"
"DB341552 TESTI4 Homo sapiens cDNA clone TESTI4043001 3, mRNA sequence"
"DA175295 BRAMY2 Homo sapiens cDNA clone BRAMY2038617 5, mRNA sequence"
"603072689F1 NIH_MGC_119 Homo sapiens cDNA clone IMAGE:5164342 5, mRNA sequence
"601186154F1 NIH_MGC_8 Homo sapiens cDNA clone IMAGE:3543708 5, mRNA sequence"

"DKFZp686N20145_r1 686 (synonym: hlcc3) Homo sapiens cDNA clone DKFZp686N20145 5, r
"DA162273 BRAMY2 Homo sapiens cDNA clone BRAMY2022649 5, mRNA sequence"
"DKFZp686P0649_s1 686 (synonym: hlcc3) Homo sapiens cDNA clone DKFZp686P0649 3, mF
"DB303407 BRAMY3 Homo sapiens cDNA clone BRAMY3015426 3, mRNA sequence"
"DB299679 BRACE3 Homo sapiens cDNA clone BRACE3024579 3, mRNA sequence"
"DB304592 BRAWH3 Homo sapiens cDNA clone BRAWH3003753 3, mRNA sequence"
"DB039829 TESTI2 Homo sapiens cDNA clone TESTI2026461 5, mRNA sequence"
"DB338252 TESTI2 Homo sapiens cDNA clone TESTI2035277 3, mRNA sequence"
"DA160895 BRAMY2 Homo sapiens cDNA clone BRAMY2020980 5, mRNA sequence"
"qf55h11.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1753989 3, mRNA sequenc
"DB298926 BRACE3 Homo sapiens cDNA clone BRACE3009497 3, mRNA sequence"
"zt61c05.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:726824 5, mRNA sequence
"602564836F1 NIH_MGC_77 Homo sapiens cDNA clone IMAGE:4689465 5, mRNA sequence"
"yj46a12.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:151774 5, mRNA seque
"Homo sapiens ovarian cancer-related protein 3 (OCR3) mRNA, partial cds"
"Homo sapiens cDNA FLJ31059 fis, clone HSYRA2000832"
"DB343494 THYMU2 Homo sapiens cDNA clone THYMU2018164 3, mRNA sequence"
"17000531673470 GRN_EB Homo sapiens cDNA 5, mRNA sequence"
"DB337791 TESTI2 Homo sapiens cDNA clone TESTI2027243 3, mRNA sequence"
"ty82e09.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2285608 3, mRNA sequence
"17000531328115 GRN_EB Homo sapiens cDNA 5, mRNA sequence"
"BP432430 leukemia cell normalized cDNA library Homo sapiens cDNA clone LEU3471_42_B1
"DA706768 NT2RI2 Homo sapiens cDNA clone NT2RI2010950 5, mRNA sequence"
"zw78d11.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:782325 5 similar to contain
"zi10a05.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:430352 3
"Homo sapiens cDNA FLJ13598 fis, clone PLACE1009921"
"BX093084 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGp998F2010
"BX111977 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGp998E15839, mRN
"7o98h02.x1 NCI_CGAP_Ov18 Homo sapiens cDNA clone IMAGE:3644403 3, mRNA sequenc
"UI-CF-DU1-adl-m-01-0-UI.s1 UI-CF-DU1 Homo sapiens cDNA clone UI-CF-DU1-adl-m-01-0-UI
"Homo sapiens cDNA FLJ33158 fis, clone UTERU2000418"
"BX094574 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGp998D07579, mRNA s
"601336028F1 NIH_MGC_44 Homo sapiens cDNA clone IMAGE:3689911 5, mRNA sequence"
"Homo sapiens, clone IMAGE:3901628, mRNA"
Homo sapiens clone 23700 mRNA sequence
"qm23d08.x1 NCI_CGAP_Lu5 Homo sapiens cDNA clone IMAGE:1882671 3, mRNA sequence
Homo sapiens mRNA; cDNA DKFZp686N1989 (from clone DKFZp686N1989)
"BX110547 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998F172577, mRNA sequen
Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 994183
"RST24587 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence"
Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 592473
"Homo sapiens cDNA FLJ30340 fis, clone BRACE2007411"
"Homo sapiens cDNA: FLJ23006 fis, clone LNG00414"
"zr42c01.s1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:666048 3, mRNA sequen

"Homo sapiens cDNA FLJ43676 fis, clone SYNOV4009129"
Homo sapiens mRNA; cDNA DKFZp686P07116 (from clone DKFZp686P07116)
"602507996F1 NIH_MGC_79 Homo sapiens cDNA clone IMAGE:4605190 5, mRNA sequence"
"BX102253 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGp998I07110, mRN
"yb77g04.x5 Stratagene ovary (#937217) Homo sapiens cDNA clone IMAGE:77238 3, mRNA se
Homo sapiens cDNA clone IMAGE:3079901
Homo sapiens mRNA; cDNA DKFZp313N0919 (from clone DKFZp313N0919)
"tg30c07.x1 NCI_CGAP_Brn25 Homo sapiens cDNA clone IMAGE:2110284 3, mRNA sequence
"602130767F1 NIH_MGC_56 Homo sapiens cDNA clone IMAGE:4287377 5, mRNA sequence"
"CR738086 Soares_testis_NHT Homo sapiens cDNA clone IMAGp971D1644 ; IMAGE:728562
"zt88c07.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:729420 3, mRNA sequence
"UI-H-BI1-afe-c-06-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2721418 3, m
"PREDICTED: Homo sapiens hypothetical LOC388227 (LOC388227), mRNA"
"BX118817 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998L041862, mRNA sequen
"BX092639 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998I031864 ; IMAGE:75809(
"zw57h03.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:774197 3, mR
"zw75f06.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:782051 5, mRNA sequence
"zw70h03.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:781589 3, mRNA sequenc
"BX113125 Soares_testis_NHT Homo sapiens cDNA clone IMAGp998A081928, mRNA sequen
"zw77d02.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:782211 3, mRNA sequenc
"zt85b02.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:729099 3, mRNA sequence
"tj05a07.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2140596 3, mRNA sequence'
"BX089493 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGp998P111937 ; I
"Homo sapiens HCLS1 binding protein 3 (HS1BP3), mRNA."
"Homo sapiens heparan sulfate 2-O-sulfotransferase 1 (HS2ST1), mRNA."
"Homo sapiens heat shock factor binding protein 1 (HSBP1), mRNA."
"Homo sapiens hydroxysteroid (11-beta) dehydrogenase 1-like (HSD11B1L), transcript variant c
"Homo sapiens hydroxysteroid (11-beta) dehydrogenase 2 (HSD11B2), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 10 (HSD17B10), nuclear gene encodir
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 11 (HSD17B11), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 12 (HSD17B12), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 14 (HSD17B14), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 3 (HSD17B3), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 4 (HSD17B4), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) (HSD17B6), mRN
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 7 (HSD17B7), mRNA."
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 7 pseudogene 2 (HSD17B7P2), non-c
"Homo sapiens hydroxysteroid (17-beta) dehydrogenase 8 (HSD17B8), mRNA."
"Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1 (
"Homo sapiens hydroxysteroid dehydrogenase like 1 (HSDL1), mRNA."
"Homo sapiens hydroxysteroid dehydrogenase like 2 (HSDL2), mRNA."
"Homo sapiens heat shock transcription factor 1 (HSF1), mRNA."
"Homo sapiens heat shock transcription factor 2 (HSF2), mRNA."
"Homo sapiens heat shock transcription factor 2 binding protein (HSF2BP), mRNA."

"Homo sapiens hematopoietic SH2 domain containing (HSH2D), mRNA."
"Homo sapiens heat shock protein 90kDa alpha (cytosolic), class A member 1 (HSP90AA1), tra
"Homo sapiens heat shock protein 90kDa alpha (cytosolic), class B member 1 (HSP90AB1), mF
"Homo sapiens heat shock protein 90kDa beta (Grp94), member 1 (HSP90B1), mRNA."
"Homo sapiens heat shock protein 70kDa family, member 13 (HSPA13), mRNA."
"Homo sapiens heat shock 70kDa protein 14 (HSPA14), transcript variant 1, mRNA."
"Homo sapiens heat shock 70kDa protein 1A (HSPA1A), mRNA."
"Homo sapiens heat shock 70kDa protein 1B (HSPA1B), mRNA."
"Homo sapiens heat shock 70kDa protein 1-like (HSPA1L), mRNA."
"Homo sapiens heat shock 70kDa protein 2 (HSPA2), mRNA."
"Homo sapiens heat shock 70kDa protein 4 (HSPA4), transcript variant 2, mRNA."
"Homo sapiens heat shock 70kDa protein 4-like (HSPA4L), mRNA."
"Homo sapiens heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) (HSPA5), mRNA
"Homo sapiens heat shock 70kDa protein 6 (HSP70B') (HSPA6), mRNA."
"Homo sapiens heat shock 70kDa protein 7 (HSP70B) (HSPA7), non-coding RNA."
"Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript variant 2, mRNA."
"Homo sapiens heat shock 70kDa protein 9 (mortalin) (HSPA9), nuclear gene encoding mitocho
"Homo sapiens heat shock 27kDa protein 1 (HSPB1), mRNA."
"Homo sapiens heat shock 27kDa protein 2 (HSPB2), mRNA."
"Homo sapiens heat shock 27kDa protein 3 (HSPB3), mRNA."
"Homo sapiens HSPB (heat shock 27kDa) associated protein 1 (HSPBAP1), mRNA."
"Homo sapiens heat shock 27kDa protein-like 2 pseudogene (HSPBL2), non-coding RNA."
"PREDICTED: Homo sapiens hsp70-interacting protein (HSPBP1), mRNA."
"Homo sapiens HSPC047 protein (HSPC047), mRNA."
"Homo sapiens hypothetical protein HSPC111 (HSPC111), mRNA."
"Homo sapiens hypothetical LOC29092 (HSPC157), transcript variant 2, non-coding RNA."
"Homo sapiens galectin-related protein (HSPC159), mRNA."
"Homo sapiens HSPC171 protein (HSPC171), mRNA."
"Homo sapiens hypothetical protein HSPC268 (HSPC268), mRNA."
"PREDICTED: Homo sapiens heat shock 90kDa protein 1, alpha-like 3, transcript variant 3 (HSF
"Homo sapiens heat shock 60kDa protein 1 (chaperonin) (HSPD1), nuclear gene encoding mito
"Homo sapiens heat shock 10kDa protein 1 (chaperonin 10) (HSPE1), mRNA."
"Homo sapiens heat shock 105kDa/110kDa protein 1 (HSPH1), mRNA."
"Homo sapiens ZFP-36 for a zinc finger protein (HSZFP36), mRNA."
"Homo sapiens HIV-1 Tat interactive protein 2, 30kDa (HTATIP2), mRNA."
"Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3A (HTR3A), transcript variant 2, mRN
"Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3B (HTR3B), mRNA."
"Homo sapiens 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled) (HTR7),
"Homo sapiens HtrA serine peptidase 2 (HTRA2), nuclear gene encoding mitochondrial protein,
"Homo sapiens HtrA serine peptidase 4 (HTRA4), mRNA."
"Homo sapiens hormonally up-regulated Neu-associated kinase (HUNK), mRNA."
"Homo sapiens HUS1 checkpoint homolog b (S. pombe) (HUS1B), mRNA."
"Homo sapiens hydrogen voltage-gated channel 1 (HVCN1), transcript variant 2, mRNA."
"Homo sapiens hyaluronoglucosaminidase 2 (HYAL2), transcript variant 2, mRNA."

"Homo sapiens hyaluronoglucosaminidase 3 (HYAL3), mRNA."
"Homo sapiens hyaluronoglucosaminidase 4 (HYAL4), mRNA."
"Homo sapiens hyaluronoglucosaminidase pseudogene 1 (HYALP1), non-coding RNA."
"Homo sapiens hydrolethalus syndrome 1 (HYLS1), mRNA."
"Homo sapiens hypoxia up-regulated 1 (HYOU1), mRNA."
"Homo sapiens huntingtin interacting protein B (HYPB), transcript variant 2, mRNA."
"Homo sapiens isoamyl acetate-hydrolyzing esterase 1 homolog (S. cerevisiae) (IAH1), mRNA."
"Homo sapiens isoleucine-tRNA synthetase (IARS), transcript variant long, mRNA."
"Homo sapiens isoleucyl-tRNA synthetase 2, mitochondrial (IARS2), nuclear gene encoding mit
"Homo sapiens integrin-binding sialoprotein (bone sialoprotein, bone sialoprotein II) (IBSP), mR
"Homo sapiens inhibitor of Bruton agammaglobulinemia tyrosine kinase (IBTK), mRNA."
"Homo sapiens islet cell autoantigen 1, 69kDa (ICA1), transcript variant 3, mRNA."
"Homo sapiens islet cell autoantigen 1,69kDa-like (ICA1L), transcript variant 2, mRNA."
"Homo sapiens intercellular adhesion molecule 1 (CD54), human rhinovirus receptor (ICAM1), n
"Homo sapiens intercellular adhesion molecule 2 (ICAM2), transcript variant 1, mRNA."
"Homo sapiens intercellular adhesion molecule 3 (ICAM3), mRNA."
"Homo sapiens intercellular adhesion molecule 4 (Landsteiner-Wiener blood group) (ICAM4), tra
"Homo sapiens intercellular adhesion molecule 5, telencephalin (ICAM5), mRNA."
"Homo sapiens interphase cyctoplasmic foci protein 45 (ICF45), mRNA."
"Homo sapiens intestinal cell (MAK-like) kinase (ICK), transcript variant 2, mRNA."
"Homo sapiens isoprenylcysteine carboxyl methyltransferase (ICMT), mRNA."
"Homo sapiens inducible T-cell co-stimulator ligand (ICOSLG), mRNA."
"Homo sapiens immature colon carcinoma transcript 1 (ICT1), mRNA."
"Homo sapiens inhibitor of DNA binding 1, dominant negative helix-loop-helix protein (ID1), trans
"Homo sapiens inhibitor of DNA binding 2, dominant negative helix-loop-helix protein (ID2), mRN
"Homo sapiens inhibitor of DNA binding 3, dominant negative helix-loop-helix protein (ID3), mRN
"Homo sapiens inhibitor of DNA binding 4, dominant negative helix-loop-helix protein (ID4), mRN
"Homo sapiens insulin-degrading enzyme (IDE), mRNA."
"Homo sapiens isocitrate dehydrogenase 1 (NADP+), soluble (IDH1), mRNA."
"Homo sapiens isocitrate dehydrogenase 2 (NADP+), mitochondrial (IDH2), nuclear gene encod
"Homo sapiens isocitrate dehydrogenase 3 (NAD+) alpha (IDH3A), nuclear gene encoding mitoc
"Homo sapiens isocitrate dehydrogenase 3 (NAD+) beta (IDH3B), nuclear gene encoding mitocl
"Homo sapiens isocitrate dehydrogenase 3 (NAD+) gamma (IDH3G), nuclear gene encoding mi
"Homo sapiens isopentenyl-diphosphate delta isomerase 1 (IDI1), mRNA."
"Homo sapiens isopentenyl-diphosphate delta isomerase 2 (IDI2), mRNA."
"Homo sapiens indoleamine 2,3-dioxygenase 1 (IDO1), mRNA."
"Homo sapiens iduronate 2-sulfatase (Hunter syndrome) (IDS), transcript variant 1, mRNA."
"Homo sapiens iduronidase, alpha-L- (IDUA), mRNA."
"Homo sapiens immediate early response 2 (IER2), mRNA."
"Homo sapiens immediate early response 3 (IER3), mRNA."
"Homo sapiens immediate early response 5 (IER5), mRNA."
"Homo sapiens immediate early response 5-like (IER5L), mRNA."
"Homo sapiens intermediate filament family orphan 1 (IFFO1), transcript variant 2, mRNA."
"Homo sapiens intermediate filament family orphan 2 (IFFO2), mRNA."

"Homo sapiens interferon, gamma-inducible protein 16 (IFI16), mRNA."
"Homo sapiens interferon, alpha-inducible protein 27 (IFI27), transcript variant 2, mRNA."
"Homo sapiens interferon, alpha-inducible protein 27-like 1 (IFI27L1), transcript variant 1, mRNA
"Homo sapiens interferon, alpha-inducible protein 27-like 2 (IFI27L2), mRNA."
"Homo sapiens interferon, gamma-inducible protein 30 (IFI30), mRNA."
"Homo sapiens interferon-induced protein 35 (IFI35), mRNA."
"Homo sapiens interferon-induced protein 44 (IFI44), mRNA."
"Homo sapiens interferon-induced protein 44-like (IFI44L), mRNA."
"Homo sapiens interferon, alpha-inducible protein 6 (IFI6), transcript variant 3, mRNA."
"Homo sapiens interferon induced with helicase C domain 1 (IFIH1), mRNA."
"Homo sapiens interferon-induced protein with tetratricopeptide repeats 1 (IFIT1), transcript vari
"Homo sapiens interferon-induced protein with tetratricopeptide repeats 2 (IFIT2), mRNA."
"Homo sapiens interferon-induced protein with tetratricopeptide repeats 3 (IFIT3), mRNA."
"Homo sapiens interferon-induced protein with tetratricopeptide repeats 5 (IFIT5), mRNA."
"Homo sapiens interferon induced transmembrane protein 1 (9-27) (IFITM1), mRNA."
"Homo sapiens interferon induced transmembrane protein 2 (1-8D) (IFITM2), mRNA."
"Homo sapiens interferon induced transmembrane protein 3 (1-8U) (IFITM3), mRNA."
"Homo sapiens interferon, alpha 1 (IFNA1), mRNA."
"Homo sapiens interferon, alpha 16 (IFNA16), mRNA."
"Homo sapiens interferon, alpha 21 (IFNA21), mRNA."
"Homo sapiens interferon (alpha, beta and omega) receptor 1 (IFNAR1), mRNA."
"Homo sapiens interferon (alpha, beta and omega) receptor 2 (IFNAR2), transcript variant 1, mR
"Homo sapiens interferon, beta 1, fibroblast (IFNB1), mRNA."
"Homo sapiens interferon epsilon 1 (IFNE1), mRNA."
"Homo sapiens interferon gamma receptor 1 (IFNGR1), mRNA."
"Homo sapiens interferon gamma receptor 2 (interferon gamma transducer 1) (IFNGR2), mRNA
"Homo sapiens interferon, kappa (IFNK), mRNA."
"Homo sapiens IFP38 (IFP38), mRNA."
"Homo sapiens interferon-related developmental regulator 1 (IFRD1), transcript variant 1, mRNA
"Homo sapiens interferon-related developmental regulator 2 (IFRD2), mRNA."
"Homo sapiens interferon responsive gene 15 (IFRG15), mRNA."
"Homo sapiens intraflagellar transport 122 homolog (Chlamydomonas) (IFT122), transcript varia
"Homo sapiens intraflagellar transport 140 homolog (Chlamydomonas) (IFT140), mRNA."
"Homo sapiens intraflagellar transport 20 homolog (Chlamydomonas) (IFT20), mRNA."
"Homo sapiens intraflagellar transport 52 homolog (Chlamydomonas) (IFT52), mRNA."
"Homo sapiens intraflagellar transport 57 homolog (Chlamydomonas) (IFT57), mRNA."
"Homo sapiens intraflagellar transport 74 homolog (Chlamydomonas) (IFT74), transcript variant
"Homo sapiens intraflagellar transport 80 homolog (Chlamydomonas) (IFT80), mRNA."
"Homo sapiens intraflagellar transport 81 homolog (Chlamydomonas) (IFT81), transcript variant
"Homo sapiens intraflagellar transport 88 homolog (Chlamydomonas) (IFT88), transcript variant
"Homo sapiens immunoglobulin (CD79A) binding protein 1 (IGBP1), mRNA."
"Homo sapiens immunoglobulin superfamily, DCC subclass, member 3 (IGDCC3), mRNA."
"Homo sapiens insulin-like growth factor 2 mRNA binding protein 1 (IGF2BP1), transcript variant
"Homo sapiens insulin-like growth factor 2 mRNA binding protein 2 (IGF2BP2), transcript variant

"Homo sapiens insulin-like growth factor 2 mRNA binding protein 3 (IGF2BP3), mRNA."
"Homo sapiens insulin-like growth factor 2 receptor (IGF2R), mRNA."
"Homo sapiens insulin-like growth factor binding protein, acid labile subunit (IGFALS), mRNA."
"Homo sapiens insulin-like growth factor binding protein 1 (IGFBP1), mRNA."
"Homo sapiens insulin-like growth factor binding protein 2, 36kDa (IGFBP2), mRNA."
"Homo sapiens insulin-like growth factor binding protein 3 (IGFBP3), transcript variant 2, mRNA
"Homo sapiens insulin-like growth factor binding protein 4 (IGFBP4), mRNA."
"Homo sapiens insulin-like growth factor binding protein 6 (IGFBP6), mRNA."
"Homo sapiens insulin-like growth factor binding protein-like 1 (IGFBPL1), mRNA."
"Homo sapiens IGF-like family member 3 (IGFL3), mRNA."
"Homo sapiens immunoglobulin mu binding protein 2 (IGHMBP2), mRNA."
"Homo sapiens immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu p
"Homo sapiens immunoglobulin lambda-like polypeptide 1 (IGLL1), transcript variant 2, mRNA."
"Homo sapiens immunoglobulin lambda-like polypeptide 3 (IGLL3), mRNA."
"Homo sapiens immunoglobulin superfamily, member 10 (IGSF10), mRNA."
"Homo sapiens immunoglobulin superfamily, member 11 (IGSF11), transcript variant 1, mRNA."
"Homo sapiens immunoglobulin superfamily, member 3 (IGSF3), transcript variant 1, mRNA."
"Homo sapiens immunoglobulin superfamily, member 6 (IGSF6), mRNA."
"Homo sapiens immunoglobulin superfamily, member 8 (IGSF8), mRNA."
"Homo sapiens immunoglobulin superfamily, member 9 (IGSF9), mRNA."
"Homo sapiens invasion inhibitory protein 45 (IIP45), transcript variant 2, mRNA."
"Homo sapiens IK cytokine, down-regulator of HLA II (IK), mRNA."
"Homo sapiens IKBKB interacting protein (IKBIP), transcript variant 2, mRNA."
"Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-as
"Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta (IKBKE
"Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon (IKE
"Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma (IKI
"Homo sapiens IKAROS family zinc finger 1 (Ikaros) (IKZF1), mRNA."
"Homo sapiens IKAROS family zinc finger 2 (Helios) (IKZF2), transcript variant 1, mRNA."
"Homo sapiens IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 1, mRNA."
"Homo sapiens IKAROS family zinc finger 4 (Eos) (IKZF4), mRNA."
"Homo sapiens IKAROS family zinc finger 5 (Pegasus) (IKZF5), mRNA."
"Homo sapiens interleukin 10 (IL10), mRNA."
"Homo sapiens interleukin 10 receptor, alpha (IL10RA), mRNA."
"Homo sapiens interleukin 10 receptor, beta (IL10RB), mRNA."
"Homo sapiens interleukin 11 (IL11), mRNA."
"Homo sapiens interleukin 11 receptor, alpha (IL11RA), transcript variant 1, mRNA."
"Homo sapiens interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte matu
"Homo sapiens interleukin 12 receptor, beta 1 (IL12RB1), transcript variant 2, mRNA."
"Homo sapiens interleukin 12 receptor, beta 2 (IL12RB2), mRNA."
"Homo sapiens interleukin 13 receptor, alpha 1 (IL13RA1), mRNA."
"Homo sapiens interleukin 15 (IL15), transcript variant 1, mRNA."
"Homo sapiens interleukin 16 (lymphocyte chemoattractant factor) (IL16), transcript variant 2, m
"Homo sapiens interleukin 17A (IL17A), mRNA."

"Homo sapiens interleukin 17D (IL17D), mRNA."
"Homo sapiens interleukin 17 receptor A (IL17RA), mRNA."
"Homo sapiens interleukin 17 receptor B (IL17RB), transcript variant 2, mRNA."
"Homo sapiens interleukin 17 receptor D (IL17RD), mRNA."
"Homo sapiens interleukin 18 (interferon-gamma-inducing factor) (IL18), mRNA."
"Homo sapiens interleukin 18 binding protein (IL18BP), transcript variant D, mRNA."
"Homo sapiens interleukin 18 receptor accessory protein (IL18RAP), mRNA."
"Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 2, mRNA."
"Homo sapiens interleukin 1 receptor accessory protein (IL1RAP), transcript variant 1, mRNA."
"Homo sapiens interleukin 1 receptor-like 2 (IL1RL2), mRNA."
"Homo sapiens interleukin 20 receptor, alpha (IL20RA), mRNA."
"Homo sapiens interleukin 20 receptor beta (IL20RB), mRNA."
"Homo sapiens interleukin 21 receptor (IL21R), transcript variant 1, mRNA."
"Homo sapiens interleukin 22 receptor, alpha 1 (IL22RA1), mRNA."
"Homo sapiens interleukin 23, alpha subunit p19 (IL23A), mRNA."
"Homo sapiens interleukin 27 receptor, alpha (IL27RA), mRNA."
"Homo sapiens interleukin 28A (interferon, lambda 2) (IL28A), mRNA."
"Homo sapiens interleukin 28 receptor, alpha (interferon, lambda receptor) (IL28RA), transcript
"Homo sapiens interleukin 2 receptor, alpha (IL2RA), mRNA."
"Homo sapiens interleukin 2 receptor, beta (IL2RB), mRNA."
"Homo sapiens interleukin 32 (IL32), transcript variant 4, mRNA."
"Homo sapiens interleukin 34 (IL34), mRNA."
"Homo sapiens interleukin 4 induced 1 (IL4I1), transcript variant 2, mRNA."
"Homo sapiens interleukin 4 receptor (IL4R), transcript variant 2, mRNA."
"Homo sapiens interleukin 5 receptor, alpha (IL5RA), transcript variant 1, mRNA."
"Homo sapiens interleukin 6 (interferon, beta 2) (IL6), mRNA."
"Homo sapiens interleukin 7 receptor (IL7R), mRNA."
"Homo sapiens interleukin 8 (IL8), mRNA."
"Homo sapiens immunoglobulin-like domain containing receptor 1 (ILDR1), mRNA."
"Homo sapiens immunoglobulin-like domain containing receptor 2 (ILDR2), mRNA."
"Homo sapiens interleukin enhancer binding factor 2, 45kDa (ILF2), mRNA."
"Homo sapiens interleukin enhancer binding factor 3, 90kDa (ILF3), transcript variant 2, mRNA."
"Homo sapiens integrin-linked kinase (ILK), transcript variant 2, mRNA."
"Homo sapiens integrin-linked kinase-associated serine/threonine phosphatase 2C (ILKAP), tra
"Homo sapiens ilvB (bacterial acetolactate synthase)-like (ILVBL), mRNA."
"Homo sapiens SLC7A5 pseudogene (IMAA), non-coding RNA."
"Homo sapiens IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae) (IMMP1L), n
"Homo sapiens IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae) (IMMP2L), n
"Homo sapiens inner membrane protein, mitochondrial (mitofilin) (IMMT), nuclear gene encodin
"Homo sapiens IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast) (IMP3), mRNA."
"Homo sapiens IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast) (IMP4), mRNA."
"Homo sapiens inositol(myo)-1(or 4)-monophosphatase 1 (IMPA1), mRNA."
"Homo sapiens inositol(myo)-1(or 4)-monophosphatase 2 (IMPA2), mRNA."
"Homo sapiens inositol monophosphatase domain containing 1 (IMPAD1), mRNA."

"Homo sapiens IMP (inosine monophosphate) dehydrogenase 1 (IMPDH1), transcript variant 5,
"Homo sapiens IMP (inosine monophosphate) dehydrogenase 2 (IMPDH2), mRNA."
"Homo sapiens interphotoreceptor matrix proteoglycan 1 (IMPG1), mRNA."
"Homo sapiens internexin neuronal intermediate filament protein, alpha (INA), mRNA."
"Homo sapiens inhibitor of CDK, cyclin A1 interacting protein 1 (INCA1), mRNA."
"Homo sapiens inner centromere protein antigens 135/155kDa (INCENP), mRNA."
"Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA."
"Homo sapiens inverted formin, FH2 and WH2 domain containing (INF2), transcript variant 2, m
"Homo sapiens inhibitor of growth family, member 1 (ING1), transcript variant 3, mRNA."
"Homo sapiens inhibitor of growth family, member 2 (ING2), mRNA."
"Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens inhibitor of growth family, member 5 (ING5), mRNA."
"Homo sapiens inhibin, beta E (INHBE), mRNA."
"Homo sapiens INO80 homolog (S. cerevisiae) (INO80), mRNA."
"Homo sapiens INO80 complex subunit B (INO80B), mRNA."
"Homo sapiens INO80 complex subunit C (INO80C), transcript variant 2, mRNA."
"Homo sapiens INO80 complex subunit D (INO80D), mRNA."
"Homo sapiens INO80 complex subunit E (INO80E), mRNA."
"Homo sapiens inositol polyphosphate-1-phosphatase (INPP1), mRNA."
"Homo sapiens inositol polyphosphate-4-phosphatase, type II, 105kDa (INPP4B), mRNA."
"PREDICTED: Homo sapiens inositol polyphosphate-5-phosphatase, 40kDa (INPP5A), mRNA."
"Homo sapiens inositol polyphosphate-5-phosphatase, 75kDa (INPP5B), nuclear gene encoding
"Homo sapiens inositol polyphosphate-5-phosphatase, 145kDa (INPP5D), transcript variant 2, n
"Homo sapiens inositol polyphosphate-5-phosphatase, 72 kDa (INPP5E), mRNA."
"Homo sapiens inositol polyphosphate-5-phosphatase K (INPP5K), transcript variant 2, mRNA."
"Homo sapiens inositol polyphosphate phosphatase-like 1 (INPPL1), mRNA."
"Homo sapiens inscuteable homolog (Drosophila) (INSC), transcript variant 2, mRNA."
"Homo sapiens insulin induced gene 1 (INSIG1), transcript variant 2, mRNA."
"Homo sapiens insulin induced gene 2 (INSIG2), mRNA."
"Homo sapiens insulinoma-associated 1 (INSM1), mRNA."
"Homo sapiens insulinoma-associated 2 (INSM2), mRNA."
"Homo sapiens insulin receptor (INSR), transcript variant 1, mRNA."
"Homo sapiens insulin receptor-related receptor (INSRR), mRNA."
"Homo sapiens integrator complex subunit 1 (INTS1), mRNA."
"Homo sapiens integrator complex subunit 10 (INTS10), mRNA."
"Homo sapiens integrator complex subunit 12 (INTS12), mRNA."
"Homo sapiens integrator complex subunit 2 (INTS2), mRNA."
"Homo sapiens integrator complex subunit 3 (INTS3), mRNA."
"Homo sapiens integrator complex subunit 4 (INTS4), mRNA."
"Homo sapiens integrator complex subunit 5 (INTS5), mRNA."
"Homo sapiens integrator complex subunit 6 (INTS6), transcript variant 2, mRNA."
"Homo sapiens integrator complex subunit 7 (INTS7), mRNA."
"Homo sapiens integrator complex subunit 9 (INTS9), mRNA."
"Homo sapiens inositol hexakisphosphate kinase 1 (IP6K1), transcript variant 1, mRNA."

"Homo sapiens inositol hexakisphosphate kinase 2 (IP6K2), transcript variant 4, mRNA."
"Homo sapiens importin 11 (IPO11), mRNA."
"Homo sapiens importin 13 (IPO13), mRNA."
"Homo sapiens importin 4 (IPO4), mRNA."
"Homo sapiens importin 5 (IPO5), mRNA."
"Homo sapiens importin 7 (IPO7), mRNA."
"Homo sapiens importin 8 (IPO8), mRNA."
"Homo sapiens importin 9 (IPO9), mRNA."
"Homo sapiens imprinted in Prader-Willi syndrome (non-protein coding) (IPW), non-coding RNA
"Homo sapiens IQ motif containing B1 (IQCB1), transcript variant 3, mRNA."
"Homo sapiens IQ motif containing C (IQCC), mRNA."
"Homo sapiens IQ motif containing D (IQCD), mRNA."
"Homo sapiens IQ motif containing G (IQCG), mRNA."
"Homo sapiens IQ motif containing H (IQCH), transcript variant 1, mRNA."
"Homo sapiens IQ motif containing K (IQCK), mRNA."
"Homo sapiens IQ motif containing GTPase activating protein 2 (IQGAP2), mRNA."
"Homo sapiens IQ motif and Sec7 domain 1 (IQSEC1), mRNA."
"Homo sapiens IQ motif and ubiquitin domain containing (IQUB), mRNA."
"Homo sapiens interleukin-1 receptor-associated kinase 1 (IRAK1), transcript variant 3, mRNA."
"Homo sapiens interleukin-1 receptor-associated kinase 1 binding protein 1 (IRAK1BP1), mRNA
"Homo sapiens interleukin-1 receptor-associated kinase 2 (IRAK2), mRNA."
"Homo sapiens interleukin-1 receptor-associated kinase 3 (IRAK3), mRNA."
"Homo sapiens iron-responsive element binding protein 2 (IREB2), mRNA."
"Homo sapiens interferon regulatory factor 1 (IRF1), mRNA."
"Homo sapiens interferon regulatory factor 2 (IRF2), mRNA."
"Homo sapiens interferon regulatory factor 2 binding protein 1 (IRF2BP1), mRNA."
"Homo sapiens interferon regulatory factor 2 binding protein 2 (IRF2BP2), transcript variant 1, m
"Homo sapiens interferon regulatory factor 3 (IRF3), mRNA."
"Homo sapiens interferon regulatory factor 4 (IRF4), mRNA."
"Homo sapiens interferon regulatory factor 5 (IRF5), transcript variant 7, mRNA."
"Homo sapiens interferon regulatory factor 7 (IRF7), transcript variant b, mRNA."
"Homo sapiens interferon regulatory factor 8 (IRF8), mRNA."
"Homo sapiens interferon regulatory factor 9 (IRF9), mRNA."
"Homo sapiens immunity-related GTPase family, cinema (IRGC), mRNA."
"PREDICTED: Homo sapiens immunity-related GTPase family, M (IRGM), mRNA."
"Homo sapiens insulin receptor substrate 1 (IRS1), mRNA."
"Homo sapiens insulin receptor substrate 2 (IRS2), mRNA."
"Homo sapiens iroquois homeobox 3 (IRX3), mRNA."
"Homo sapiens iroquois homeobox 5 (IRX5), mRNA."
"Homo sapiens iron-sulfur cluster assembly 1 homolog (S. cerevisiae) (ISCA1), mRNA."
"Homo sapiens iron-sulfur cluster assembly 1 homolog (S. cerevisiae)-like (ISCA1L), mRNA."
"Homo sapiens iron-sulfur cluster assembly 2 homolog (S. cerevisiae) (ISCA2), mRNA."
"Homo sapiens iron-sulfur cluster scaffold homolog (E. coli) (ISCU), nuclear gene encoding mito
"Homo sapiens ISG15 ubiquitin-like modifier (ISG15), mRNA."

"Homo sapiens interferon stimulated exonuclease gene 20kDa (ISG20), mRNA."
"Homo sapiens interferon stimulated exonuclease gene 20kDa-like 1 (ISG20L1), mRNA."
"Homo sapiens interferon stimulated exonuclease gene 20kDa-like 2 (ISG20L2), mRNA."
"Homo sapiens ISL LIM homeobox 2 (ISL2), mRNA."
"Homo sapiens immunoglobulin superfamily containing leucine-rich repeat 2 (ISLR2), mRNA."
"Homo sapiens isthmin 1 homolog (zebrafish) (ISM1), mRNA."
"Homo sapiens isochorismatase domain containing 1 (ISOC1), mRNA."
"Homo sapiens isochorismatase domain containing 2 (ISOC2), mRNA."
"Homo sapiens ISY1 splicing factor homolog (S. cerevisiae) (ISY1), mRNA."
"Homo sapiens inositol-3-phosphate synthase 1 (ISYNA1), mRNA."
"Homo sapiens itchy homolog E3 ubiquitin protein ligase (mouse) (ITCH), mRNA."
"Homo sapiens integrin alpha FG-GAP repeat containing 1 (ITFG1), mRNA."
"Homo sapiens integrin alpha FG-GAP repeat containing 2 (ITFG2), mRNA."
"Homo sapiens integrin alpha FG-GAP repeat containing 3 (ITFG3), mRNA."
"Homo sapiens integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) (ITGA3), tr
"Homo sapiens integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) (ITGA4), n
"Homo sapiens integrin, alpha 6 (ITGA6), mRNA."
"Homo sapiens integrin, alpha 9 (ITGA9), mRNA."
"Homo sapiens integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha
"Homo sapiens integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antige
"Homo sapiens integrin, alpha M (complement component 3 receptor 3 subunit) (ITGAM), transc
"Homo sapiens integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGAV
"Homo sapiens integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes M
"Homo sapiens integrin beta 1 binding protein 1 (ITGB1BP1), transcript variant 1, mRNA."
"Homo sapiens integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1;
"Homo sapiens integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) (ITGB3), mRNA."
"Homo sapiens integrin beta 3 binding protein (beta3-endonexin) (ITGB3BP), mRNA."
"Homo sapiens integrin beta 4 binding protein (ITGB4BP), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens integrin, beta 5, transcript variant 3 (ITGB5), mRNA."
"Homo sapiens integrin, beta 7 (ITGB7), mRNA."
"Homo sapiens integrin, beta-like 1 (with EGF-like repeat domains) (ITGBL1), mRNA."
"Homo sapiens inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein) (ITIH
"Homo sapiens inter-alpha (globulin) inhibitor H5 (ITIH5), transcript variant 1, mRNA."
"Homo sapiens IL2-inducible T-cell kinase (ITK), mRNA."
"Homo sapiens intelectin 2 (ITLN2), mRNA."
"Homo sapiens integral membrane protein 2A (ITM2A), mRNA."
"Homo sapiens integral membrane protein 2B (ITM2B), mRNA."
"Homo sapiens integral membrane protein 2C (ITM2C), transcript variant 2, mRNA."
"Homo sapiens inosine triphosphatase (nucleoside triphosphate pyrophosphatase) (ITPA), trans
"Homo sapiens inositol 1,3,4-triphosphate 5/6 kinase (ITPK1), mRNA."
"Homo sapiens inositol 1,4,5-trisphosphate 3-kinase A (ITPKA), mRNA."
"Homo sapiens inositol 1,4,5-trisphosphate 3-kinase B (ITPKB), mRNA."
"Homo sapiens inositol 1,4,5-triphosphate receptor, type 1 (ITPR1), transcript variant 2, mRNA."
"Homo sapiens inositol 1,4,5-triphosphate receptor, type 2 (ITPR2), mRNA."

"Homo sapiens inositol 1,4,5-triphosphate receptor, type 3 (ITPR3), mRNA."
"Homo sapiens inositol 1,4,5-triphosphate receptor interacting protein (ITPRIP), mRNA."
"Homo sapiens inositol 1,4,5-triphosphate receptor interacting protein-like 1 (ITPRIPL1), transcri
"Homo sapiens inositol 1,4,5-triphosphate receptor interacting protein-like 2 (ITPRIPL2), mRNA.
"Homo sapiens intersectin 1 (SH3 domain protein) (ITSN1), transcript variant 1, mRNA."
"Homo sapiens isovaleryl Coenzyme A dehydrogenase (IVD), nuclear gene encoding mitochonc
"Homo sapiens influenza virus NS1A binding protein (IVNS1ABP), transcript variant 2, mRNA."
"Homo sapiens IWS1 homolog (S. cerevisiae) (IWS1), mRNA."
"Homo sapiens izumo sperm-egg fusion 1 (IZUMO1), mRNA."
"Homo sapiens jagged 1 (Alagille syndrome) (JAG1), mRNA."
"Homo sapiens jagged 2 (JAG2), transcript variant 2, mRNA."
"Homo sapiens jagunal homolog 1 (Drosophila) (JAGN1), mRNA."
"Homo sapiens Janus kinase 1 (JAK1), mRNA."
"Homo sapiens Janus kinase 2 (a protein tyrosine kinase) (JAK2), mRNA."
"Homo sapiens janus kinase and microtubule interacting protein 2 (JAKMIP2), mRNA."
"Homo sapiens janus kinase and microtubule interacting protein 3 (JAKMIP3), mRNA."
"Homo sapiens junctional adhesion molecule 2 (JAM2), mRNA."
"Homo sapiens junctional adhesion molecule 3 (JAM3), mRNA."
"Homo sapiens Jumonji, AT rich interactive domain 1A (RBBP2-like) (JARID1A), mRNA."
"Homo sapiens jumonji, AT rich interactive domain 1C (JARID1C), mRNA."
"Homo sapiens jumonji, AT rich interactive domain 1D (JARID1D), mRNA."
"Homo sapiens jumonji, AT rich interactive domain 2 (JARID2), mRNA."
"Homo sapiens JAZF zinc finger 1 (JAZF1), mRNA."
"Homo sapiens Jun dimerization protein 2 (JDP2), mRNA."
"Homo sapiens jumonji C domain containing histone demethylase 1 homolog D (S. cerevisiae) (
"Homo sapiens jumonji domain containing 1A (JMJD1A), mRNA."
"Homo sapiens jumonji domain containing 1C (JMJD1C), transcript variant 1, mRNA."
"Homo sapiens jumonji domain containing 2A (JMJD2A), mRNA."
"Homo sapiens jumonji domain containing 2B (JMJD2B), mRNA."
"Homo sapiens jumonji domain containing 4 (JMJD4), mRNA."
"Homo sapiens jumonji domain containing 5 (JMJD5), mRNA."
"Homo sapiens jumonji domain containing 6 (JMJD6), transcript variant 2, mRNA."
"Homo sapiens jumonji domain containing 7 (JMJD7), mRNA."
"Homo sapiens jumonji domain containing 8 (JMJD8), mRNA."
"Homo sapiens junction-mediating and regulatory protein (JMY), mRNA."
"Homo sapiens Josephin domain containing 1 (JOSD1), mRNA."
"Homo sapiens Josephin domain containing 2 (JOSD2), mRNA."
"Homo sapiens junctophilin 1 (JPH1), mRNA."
"Homo sapiens junctophilin 2 (JPH2), transcript variant 1, mRNA."
"Homo sapiens junctophilin 3 (JPH3), mRNA."
"Homo sapiens junctophilin 4 (JPH4), mRNA."
"Homo sapiens jerky homolog (mouse) (JRK), transcript variant 1, mRNA."
"Homo sapiens jerky homolog-like (mouse) (JRKL), mRNA."
"Homo sapiens junctional sarcoplasmic reticulum protein 1 (JSRP1), mRNA."

"Homo sapiens jumping translocation breakpoint (JTB), mRNA."
"Homo sapiens jun oncogene (JUN), mRNA."
"Homo sapiens jun B proto-oncogene (JUNB), mRNA."
"Homo sapiens jun D proto-oncogene (JUND), mRNA."
"Homo sapiens junction plakoglobin (JUP), transcript variant 2, mRNA."
"Homo sapiens KN motif and ankyrin repeat domains 2 (KANK2), mRNA."
"Homo sapiens KN motif and ankyrin repeat domains 3 (KANK3), mRNA."
"Homo sapiens lysyl-tRNA synthetase (KARS), mRNA."
"Homo sapiens K(lysine) acetyltransferase 2A (KAT2A), mRNA."
"Homo sapiens K(lysine) acetyltransferase 2B (KAT2B), mRNA."
"Homo sapiens K(lysine) acetyltransferase 5 (KAT5), transcript variant 1, mRNA."
"Homo sapiens katanin p60 (ATPase-containing) subunit A 1 (KATNA1), mRNA."
"Homo sapiens katanin p60 subunit A-like 1 (KATNAL1), transcript variant 2, mRNA."
"Homo sapiens katanin p60 subunit A-like 2 (KATNAL2), mRNA."
"Homo sapiens katanin p80 (WD repeat containing) subunit B 1 (KATNB1), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 11 (KBTBD11), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 12 (KBTBD12), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 2 (KBTBD2), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 3 (KBTBD3), transcript variant 2
"Homo sapiens kelch repeat and BTB (POZ) domain containing 4 (KBTBD4), transcript variant 2
"Homo sapiens kelch repeat and BTB (POZ) domain containing 5 (KBTBD5), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 6 (KBTBD6), mRNA."
"Homo sapiens kelch repeat and BTB (POZ) domain containing 8 (KBTBD8), mRNA."
"PREDICTED: Homo sapiens kelch repeat and BTB (POZ) domain containing 9 (KBTBD9), mRI
"Homo sapiens potassium channel modulatory factor 1 (KCMF1), mRNA."
"Homo sapiens potassium voltage-gated channel, shaker-related subfamily, member 7 (KCNA7)
"Homo sapiens potassium voltage-gated channel, shaker-related subfamily, beta member 2 (KC
"Homo sapiens potassium voltage-gated channel, Shaw-related subfamily, member 3 (KCNC3),
"Homo sapiens potassium voltage-gated channel, Shal-related subfamily, member 2 (KCND2), r
"Homo sapiens KCNE1-like (KCNE1L), mRNA."
"Homo sapiens potassium voltage-gated channel, Isk-related family, member 2 (KCNE2), mRNA
"PREDICTED: Homo sapiens potassium voltage-gated channel, subfamily G, member 2 (KCNG
"Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 3 (KCNH3
"Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 4 (KCNH4
"Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 6 (KCNH6
"Homo sapiens Kv channel interacting protein 2 (KCNIP2), transcript variant 7, mRNA."
"Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 12 (KCNJ12), mRN
"Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 16 (KCNJ16), trans
"Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 2 (KCNJ2), mRNA."
"Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 4 (KCNJ4), transcri
"Homo sapiens potassium channel, subfamily K, member 12 (KCNK12), mRNA."
"Homo sapiens potassium channel, subfamily K, member 13 (KCNK13), mRNA."
"Homo sapiens potassium channel, subfamily K, member 18 (KCNK18), mRNA."
"Homo sapiens potassium channel, subfamily K, member 6 (KCNK6), mRNA."

"Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta mer
"Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta mer
"Homo sapiens potassium large conductance calcium-activated channel, subfamily M beta mem
"Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta mer
"Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily
"Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily
"Homo sapiens KCNQ1 overlapping transcript 1 (non-protein coding) (KCNQ1OT1), non-coding
"Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 (KCNQ2), tran
"Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 5 (KCNQ5), mR
"Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (KC
"Homo sapiens potassium channel tetramerisation domain containing 10 (KCTD10), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 11 (KCTD11), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 13 (KCTD13), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 14 (KCTD14), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 15 (KCTD15), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 17 (KCTD17), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 18 (KCTD18), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 21 (KCTD21), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 3 (KCTD3), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 5 (KCTD5), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 6 (KCTD6), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 8 (KCTD8), mRNA."
"Homo sapiens potassium channel tetramerisation domain containing 9 (KCTD9), mRNA."
"Homo sapiens KDEL (Lys-Asp-Glu-Leu) containing 1 (KDELC1), mRNA."
"Homo sapiens KDEL (Lys-Asp-Glu-Leu) containing 2 (KDELC2), mRNA."
"Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 (KD
"Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 (KD
"Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (KD
"Homo sapiens lysine (K)-specific demethylase 1B (KDM1B), mRNA."
"Homo sapiens lysine (K)-specific demethylase 2B (KDM2B), transcript variant 2, mRNA."
"Homo sapiens lysine (K)-specific demethylase 3B (KDM3B), mRNA."
"Homo sapiens lysine (K)-specific demethylase 5B (KDM5B), mRNA."
"Homo sapiens 3-ketodihydrosphingosine reductase (KDSR), mRNA."
"Homo sapiens kelch-like ECH-associated protein 1 (KEAP1), transcript variant 1, mRNA."
"Homo sapiens KH homology domain containing 1 (KHDC1), mRNA."
"Homo sapiens KH homology domain containing 1-like (KHDC1L), mRNA."
"Homo sapiens KH domain containing, RNA binding, signal transduction associated 1 (KHDRBS
"Homo sapiens KH domain containing, RNA binding, signal transduction associated 2 (KHDRBS
"Homo sapiens KH domain containing, RNA binding, signal transduction associated 3 (KHDRBS
"Homo sapiens ketohexokinase (fructokinase) (KHK), transcript variant b, mRNA."
"Homo sapiens KH and NYN domain containing (KHNYN), mRNA."
"Homo sapiens KIAA0020 (KIAA0020), mRNA."
"Homo sapiens KIAA0040 (KIAA0040), mRNA."
"Homo sapiens KIAA0082 (KIAA0082), mRNA."

"Homo sapiens KIAA0090 (KIAA0090), mRNA."
"Homo sapiens KIAA0100 (KIAA0100), mRNA."
"Homo sapiens KIAA0101 (KIAA0101), transcript variant 1, mRNA."
"Homo sapiens KIAA0114 (KIAA0114), non-coding RNA."
"Homo sapiens KIAA0125 (KIAA0125), mRNA."
"Homo sapiens KIAA0133 (KIAA0133), mRNA."
"Homo sapiens KIAA0141 (KIAA0141), mRNA."
"Homo sapiens KIAA0146 (KIAA0146), mRNA."
"Homo sapiens KIAA0174 (KIAA0174), mRNA."
"Homo sapiens KIAA0182 (KIAA0182), mRNA."
"Homo sapiens KIAA0195 (KIAA0195), mRNA."
"Homo sapiens KIAA0196 (KIAA0196), mRNA."
"Homo sapiens KIAA0226 (KIAA0226), transcript variant 2, mRNA."
"Homo sapiens KIAA0232 (KIAA0232), transcript variant 1, mRNA."
"Homo sapiens KIAA0240 (KIAA0240), mRNA."
"Homo sapiens KIAA0247 (KIAA0247), mRNA."
"PREDICTED: Homo sapiens KIAA0251 protein, transcript variant 3 (KIAA0251), mRNA."
"PREDICTED: Homo sapiens KIAA0258, transcript variant 3 (KIAA0258), mRNA."
"Homo sapiens KIAA0261 (KIAA0261), mRNA."
"Homo sapiens KIAA0284 (KIAA0284), transcript variant 2, mRNA."
"Homo sapiens KIAA0319 (KIAA0319), transcript variant 1, mRNA."
"Homo sapiens KIAA0319-like (KIAA0319L), transcript variant 2, mRNA."
"Homo sapiens KIAA0355 (KIAA0355), mRNA."
"PREDICTED: Homo sapiens KIAA0363 protein, transcript variant 1 (KIAA0363), mRNA."
"Homo sapiens KIAA0367 (KIAA0367), mRNA."
"Homo sapiens KIAA0368 (KIAA0368), mRNA."
"Homo sapiens KIAA0391 (KIAA0391), mRNA."
"Homo sapiens KIAA0406 (KIAA0406), mRNA."
"Homo sapiens KIAA0415 (KIAA0415), mRNA."
"Homo sapiens KIAA0427 (KIAA0427), mRNA."
"Homo sapiens KIAA0430 (KIAA0430), mRNA."
"Homo sapiens KIAA0460 (KIAA0460), mRNA."
"Homo sapiens KIAA0494 (KIAA0494), mRNA."
"Homo sapiens KIAA0495 (KIAA0495), mRNA."
"Homo sapiens KIAA0513 (KIAA0513), mRNA."
"Homo sapiens KIAA0528 (KIAA0528), mRNA."
"Homo sapiens KIAA0556 (KIAA0556), mRNA."
"Homo sapiens KIAA0562 (KIAA0562), mRNA."
"Homo sapiens KIAA0564 (KIAA0564), transcript variant 2, mRNA."
"Homo sapiens KIAA0586 (KIAA0586), mRNA."
"Homo sapiens KIAA0649 (KIAA0649), mRNA."
"Homo sapiens KIAA0664 (KIAA0664), mRNA."
"Homo sapiens KIAA0672 gene product (KIAA0672), mRNA."
"PREDICTED: Homo sapiens KIAA0748 gene product, transcript variant 2 (KIAA0748), mRNA."

"Homo sapiens KIAA0753 (KIAA0753), mRNA."
"Homo sapiens KIAA0773 gene product (KIAA0773), mRNA."
"Homo sapiens KIAA0831 (KIAA0831), mRNA."
"PREDICTED: Homo sapiens KIAA0888 protein, transcript variant 2 (KIAA0888), mRNA."
"Homo sapiens KIAA0889 protein (KIAA0889), mRNA."
"Homo sapiens KIAA0892 (KIAA0892), mRNA."
"Homo sapiens KIAA0895 (KIAA0895), transcript variant 2, mRNA."
"Homo sapiens KIAA0895-like (KIAA0895L), mRNA. XM_933435 XM_933438 XM_933442 XM_
"Homo sapiens KIAA0907 (KIAA0907), mRNA."
"Homo sapiens KIAA0913 (KIAA0913), mRNA."
"Homo sapiens KIAA0922 (KIAA0922), mRNA."
"PREDICTED: Homo sapiens KIAA0947 protein (KIAA0947), mRNA."
"Homo sapiens KIAA1009 (KIAA1009), mRNA."
"Homo sapiens KIAA1012 (KIAA1012), mRNA."
"Homo sapiens kazrin (KIAA1026), transcript variant N, mRNA."
"Homo sapiens KIAA1033 (KIAA1033), mRNA."
"PREDICTED: Homo sapiens KIAA1086 (KIAA1086), mRNA."
"Homo sapiens KIAA1128 (KIAA1128), mRNA."
"Homo sapiens KIAA1143 (KIAA1143), mRNA."
"Homo sapiens KIAA1147 (KIAA1147), mRNA."
"PREDICTED: Homo sapiens KIAA1160 protein (KIAA1160), mRNA."
"Homo sapiens KIAA1161 (KIAA1161), mRNA."
"Homo sapiens KIAA1191 (KIAA1191), transcript variant 1, mRNA."
"Homo sapiens KIAA1199 (KIAA1199), mRNA."
"Homo sapiens KIAA1202 protein (KIAA1202), mRNA."
"Homo sapiens KIAA1210 (KIAA1210), mRNA."
"PREDICTED: Homo sapiens KIAA1211 protein, transcript variant 2 (KIAA1211), mRNA."
"PREDICTED: Homo sapiens KIAA1239 (KIAA1239), mRNA."
"PREDICTED: Homo sapiens KIAA1245, transcript variant 3 (KIAA1245), mRNA."
"PREDICTED: Homo sapiens KIAA1257 (KIAA1257), mRNA."
"Homo sapiens KIAA1267 (KIAA1267), mRNA."
"Homo sapiens KIAA1271 protein (KIAA1271), mRNA."
"Homo sapiens KIAA1274 (KIAA1274), mRNA."
"Homo sapiens KIAA1279 (KIAA1279), mRNA."
"Homo sapiens KIAA1285 protein (KIAA1285), mRNA."
"Homo sapiens KIAA1310 (KIAA1310), transcript variant 1, mRNA."
"Homo sapiens KIAA1324 (KIAA1324), mRNA."
"Homo sapiens KIAA1324-like (KIAA1324L), transcript variant 2, mRNA."
"Homo sapiens KIAA1328 (KIAA1328), mRNA."
"Homo sapiens KIAA1333 (KIAA1333), mRNA."
"Homo sapiens KIAA1370 (KIAA1370), mRNA."
"Homo sapiens KIAA1377 (KIAA1377), mRNA."
"Homo sapiens KIAA1407 (KIAA1407), mRNA."
"Homo sapiens KIAA1429 (KIAA1429), transcript variant 2, mRNA."

"Homo sapiens KIAA1430 (KIAA1430), mRNA."
"Homo sapiens KIAA1467 (KIAA1467), mRNA."
"Homo sapiens KIAA1468 (KIAA1468), mRNA."
"Homo sapiens KIAA1522 (KIAA1522), mRNA."
"Homo sapiens KIAA1524 (KIAA1524), mRNA."
"PREDICTED: Homo sapiens KIAA1530 protein (KIAA1530), mRNA."
"Homo sapiens KIAA1539 (KIAA1539), mRNA."
"Homo sapiens KIAA1543 (KIAA1543), mRNA."
"PREDICTED: Homo sapiens KIAA1545 protein (KIAA1545), mRNA."
"Homo sapiens KIAA1549 (KIAA1549), mRNA."
"PREDICTED: Homo sapiens KIAA1553 (KIAA1553), mRNA."
"Homo sapiens KIAA1586 (KIAA1586), mRNA."
"Homo sapiens KIAA1598 (KIAA1598), mRNA."
"Homo sapiens KIAA1600 (KIAA1600), mRNA."
"Homo sapiens KIAA1602 (KIAA1602), mRNA."
"Homo sapiens KIAA1609 (KIAA1609), mRNA."
"Homo sapiens KIAA1618 (KIAA1618), mRNA."
"Homo sapiens KIAA1632 (KIAA1632), mRNA."
"PREDICTED: Homo sapiens KIAA1641, transcript variant 7 (KIAA1641), mRNA."
"PREDICTED: Homo sapiens KIAA1666 protein (KIAA1666), mRNA."
"PREDICTED: Homo sapiens KIAA1671 protein (KIAA1671), mRNA."
"Homo sapiens KIAA1683 (KIAA1683), mRNA."
"Homo sapiens KIAA1688 protein (KIAA1688), mRNA."
"Homo sapiens KIAA1712 (KIAA1712), mRNA."
"Homo sapiens KIAA1715 (KIAA1715), mRNA."
"Homo sapiens KIAA1731 (KIAA1731), mRNA."
"Homo sapiens KIAA1737 (KIAA1737), mRNA."
"PREDICTED: Homo sapiens KIAA1751, transcript variant 2 (KIAA1751), mRNA."
"Homo sapiens KIAA1797 (KIAA1797), mRNA."
"Homo sapiens mixed lineage kinase 4 (KIAA1804), mRNA."
"Homo sapiens KIAA1826 (KIAA1826), mRNA."
"PREDICTED: Homo sapiens KIAA1843 protein (KIAA1843), mRNA."
"Homo sapiens KIAA1862 protein (KIAA1862), mRNA."
"Homo sapiens KIAA1875 (KIAA1875), mRNA."
"PREDICTED: Homo sapiens KIAA1881 (KIAA1881), mRNA."
"Homo sapiens KIAA1908 protein (KIAA1908), non-coding RNA."
"PREDICTED: Homo sapiens KIAA1922 protein (KIAA1922), mRNA."
"Homo sapiens KIAA1949 (KIAA1949), mRNA."
"Homo sapiens KIAA1958 (KIAA1958), mRNA."
"Homo sapiens KIAA1967 (KIAA1967), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens KIAA1975 protein similar to MRIP2, transcript variant 1 (KIAA197
"Homo sapiens KIAA1984 (KIAA1984), mRNA."
"Homo sapiens KIAA2010 (KIAA2010), transcript variant 2, mRNA."
"Homo sapiens KIAA2013 (KIAA2013), mRNA."

"Homo sapiens KIAA2018 (KIAA2018), mRNA."
"Homo sapiens KIAA2022 (KIAA2022), mRNA."
"Homo sapiens KIAA2026 (KIAA2026), mRNA."
"Homo sapiens kinase D-interacting substrate of 220 kDa (KIDINS220), mRNA."
"Homo sapiens kinesin family member 11 (KIF11), mRNA."
"Homo sapiens kinesin family member 13A (KIF13A), mRNA."
"Homo sapiens kinesin family member 13B (KIF13B), mRNA."
"Homo sapiens kinesin family member 14 (KIF14), mRNA."
"Homo sapiens kinesin family member 15 (KIF15), mRNA."
"Homo sapiens kinesin family member 16B (KIF16B), mRNA."
"Homo sapiens kinesin family member 18A (KIF18A), mRNA."
"Homo sapiens kinesin family member 18B (KIF18B), mRNA."
"Homo sapiens kinesin family member 19 (KIF19), mRNA."
"Homo sapiens kinesin family member 1A (KIF1A), mRNA."
"Homo sapiens kinesin family member 1B (KIF1B), transcript variant 1, mRNA."
"Homo sapiens kinesin family member 1C (KIF1C), mRNA."
"Homo sapiens kinesin family member 20A (KIF20A), mRNA."
"Homo sapiens kinesin family member 20B (KIF20B), mRNA."
"Homo sapiens kinesin family member 21A (KIF21A), mRNA."
"Homo sapiens kinesin family member 22 (KIF22), mRNA."
"Homo sapiens kinesin family member 23 (KIF23), transcript variant 2, mRNA."
"Homo sapiens kinesin family member 24 (KIF24), mRNA."
"Homo sapiens kinesin family member 26B (KIF26B), mRNA."
"Homo sapiens kinesin heavy chain member 2A (KIF2A), mRNA."
"Homo sapiens kinesin family member 2C (KIF2C), mRNA."
"Homo sapiens kinesin family member 3A (KIF3A), mRNA."
"Homo sapiens kinesin family member 3B (KIF3B), mRNA."
"Homo sapiens kinesin family member 3C (KIF3C), mRNA."
"Homo sapiens kinesin family member 4A (KIF4A), mRNA."
"Homo sapiens kinesin family member 5B (KIF5B), mRNA."
"Homo sapiens kinesin family member 5C (KIF5C), mRNA."
"Homo sapiens kinesin family member 7 (KIF7), mRNA."
"Homo sapiens kinesin family member 9 (KIF9), transcript variant 2, mRNA."
"Homo sapiens kinesin-associated protein 3 (KIFAP3), mRNA."
"Homo sapiens kinesin family member C1 (KIFC1), mRNA."
"Homo sapiens kinesin family member C2 (KIFC2), mRNA."
"Homo sapiens kinesin family member C3 (KIFC3), mRNA."
"Homo sapiens killin protein (KILLIN), mRNA."
"Homo sapiens killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5B (k
"Homo sapiens killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1 (k
"Homo sapiens killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 (k
"Homo sapiens kin of IRRE like 2 (Drosophila) (KIRREL2), transcript variant 1, mRNA."
"Homo sapiens KISS1 receptor (KISS1R), mRNA."
"Homo sapiens klotho beta (KLB), mRNA."

"Homo sapiens kinesin light chain 1 (KLC1), transcript variant 1, mRNA."
"Homo sapiens kinesin light chain 3 (KLC3), mRNA."
"Homo sapiens Kruppel-like factor 10 (KLF10), transcript variant 1, mRNA."
"Homo sapiens Kruppel-like factor 12 (KLF12), mRNA."
"Homo sapiens Kruppel-like factor 13 (KLF13), mRNA."
"Homo sapiens Kruppel-like factor 2 (lung) (KLF2), mRNA."
"Homo sapiens Kruppel-like factor 5 (intestinal) (KLF5), mRNA."
"Homo sapiens Kruppel-like factor 6 (KLF6), transcript variant 2, mRNA."
"Homo sapiens Kruppel-like factor 7 (ubiquitous) (KLF7), mRNA."
"Homo sapiens Kruppel-like factor 9 (KLF9), mRNA."
"Homo sapiens kelch domain containing 10 (KLHDC10), mRNA."
"Homo sapiens kelch domain containing 2 (KLHDC2), mRNA."
"Homo sapiens kelch domain containing 3 (KLHDC3), mRNA."
"Homo sapiens kelch domain containing 4 (KLHDC4), mRNA."
"Homo sapiens kelch domain containing 5 (KLHDC5), mRNA."
"Homo sapiens kelch domain containing 7B (KLHDC7B), mRNA."
"Homo sapiens kelch domain containing 8B (KLHDC8B), mRNA."
"Homo sapiens kelch domain containing 9 (KLHDC9), transcript variant 2, mRNA."
"Homo sapiens kelch-like 1 (Drosophila) (KLHL1), mRNA."
"Homo sapiens kelch-like 12 (Drosophila) (KLHL12), mRNA."
"Homo sapiens kelch-like 13 (Drosophila) (KLHL13), mRNA."
"Homo sapiens kelch-like 14 (Drosophila) (KLHL14), mRNA."
"Homo sapiens kelch-like 15 (Drosophila) (KLHL15), mRNA."
"Homo sapiens kelch-like 17 (Drosophila) (KLHL17), mRNA."
"Homo sapiens kelch-like 18 (Drosophila) (KLHL18), mRNA."
"Homo sapiens kelch-like 2, Mayven (Drosophila) (KLHL2), mRNA."
"Homo sapiens kelch-like 20 (Drosophila) (KLHL20), mRNA."
"Homo sapiens kelch-like 21 (Drosophila) (KLHL21), mRNA."
"Homo sapiens kelch-like 22 (Drosophila) (KLHL22), mRNA."
"Homo sapiens kelch-like 23 (Drosophila) (KLHL23), mRNA."
"Homo sapiens kelch-like 24 (Drosophila) (KLHL24), mRNA."
"Homo sapiens kelch-like 25 (Drosophila) (KLHL25), mRNA."
"Homo sapiens kelch-like 26 (Drosophila) (KLHL26), mRNA."
"Homo sapiens kelch-like 28 (Drosophila) (KLHL28), mRNA."
"PREDICTED: Homo sapiens kelch-like 29 (Drosophila) (KLHL29), mRNA."
"Homo sapiens kelch-like 3 (Drosophila) (KLHL3), mRNA."
"Homo sapiens kelch-like 30 (Drosophila) (KLHL30), mRNA."
"Homo sapiens kelch-like 32 (Drosophila) (KLHL32), mRNA."
"Homo sapiens kelch-like 36 (Drosophila) (KLHL36), mRNA."
"Homo sapiens kelch-like 38 (Drosophila) (KLHL38), mRNA."
"Homo sapiens kelch-like 4 (Drosophila) (KLHL4), transcript variant 2, mRNA."
"Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript variant 3, mRNA."
"Homo sapiens kelch-like 6 (Drosophila) (KLHL6), mRNA."
"Homo sapiens kelch-like 7 (Drosophila) (KLHL7), transcript variant 1, mRNA."

"Homo sapiens kelch-like 9 (Drosophila) (KLHL9), mRNA."
"Homo sapiens kallikrein 1 (KLK1), mRNA."
"Homo sapiens kallikrein-related peptidase 14 (KLK14), mRNA."
"Homo sapiens kallikrein-related peptidase 4 (KLK4), mRNA."
"Homo sapiens killer cell lectin-like receptor subfamily A, member 1 (KLRA1), mRNA."
"Homo sapiens KLRAQ motif containing 1 (KLRAQ1), transcript variant 1, mRNA."
"Homo sapiens killer cell lectin-like receptor subfamily C, member 2 (KLRC2), mRNA."
"Homo sapiens killer cell lectin-like receptor subfamily K, member 1 (KLRK1), mRNA."
"Homo sapiens kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) (KMO), mRNA."
"Homo sapiens kinetochore associated 1 (KNTC1), mRNA."
"Homo sapiens karyopherin alpha 1 (importin alpha 5) (KPNA1), mRNA."
"Homo sapiens karyopherin alpha 2 (RAG cohort 1, importin alpha 1) (KPNA2), mRNA. XM_001
"Homo sapiens karyopherin alpha 3 (importin alpha 4) (KPNA3), mRNA."
"Homo sapiens karyopherin alpha 4 (importin alpha 3) (KPNA4), mRNA."
"Homo sapiens karyopherin alpha 5 (importin alpha 6) (KPNA5), mRNA."
"Homo sapiens karyopherin alpha 6 (importin alpha 7) (KPNA6), mRNA."
"PREDICTED: Homo sapiens misc_RNA (KPNA7), miscRNA."
"Homo sapiens karyopherin (importin) beta 1 (KPNB1), mRNA."
"Homo sapiens kaptin (actin binding protein) (KPTN), mRNA."
"Homo sapiens KRAB-A domain containing 1 (KRBA1), mRNA."
"Homo sapiens lysine-rich coiled-coil 1 (KRCC1), mRNA."
"Homo sapiens kringle containing transmembrane protein 2 (KREMEN2), transcript variant 2, m
"Homo sapiens KRI1 homolog (S. cerevisiae) (KRI1), mRNA."
"Homo sapiens KRIT1, ankyrin repeat containing (KRIT1), transcript variant 5, mRNA."
"Homo sapiens KRR1, small subunit (SSU) processome component, homolog (yeast) (KRR1), r
"Homo sapiens keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) (KRT1(
"Homo sapiens keratin 12 (Meesmann corneal dystrophy) (KRT12), mRNA."
"Homo sapiens keratin 18 (KRT18), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens misc_RNA (KRT18P17), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (KRT18P30), miscRNA."
"PREDICTED: Homo sapiens keratin 18 pseudogene 50 (KRT18P50), mRNA."
"Homo sapiens keratin 19 (KRT19), mRNA."
"Homo sapiens keratin 20 (KRT20), mRNA."
"Homo sapiens keratin 23 (histone deacetylase inducible) (KRT23), mRNA."
"Homo sapiens keratin 25 (KRT25), mRNA."
"Homo sapiens keratin 27 (KRT27), mRNA."
"Homo sapiens keratin 76 (KRT76), mRNA."
"Homo sapiens keratin 79 (KRT79), mRNA."
"Homo sapiens keratin 8 (KRT8), mRNA."
"Homo sapiens keratin 81 (KRT81), mRNA."
"Homo sapiens keratin 86 (KRT86), mRNA."
"Homo sapiens keratin 9 (epidermolytic palmoplantar keratoderma) (KRT9), mRNA."
"Homo sapiens keratin associated protein 10-1 (KRTAP10-1), mRNA."
"Homo sapiens keratin associated protein 10-11 (KRTAP10-11), mRNA."

"Homo sapiens keratin associated protein 10-3 (KRTAP10-3), mRNA."
"Homo sapiens keratin associated protein 10-9 (KRTAP10-9), mRNA."
"Homo sapiens keratin associated protein 13-3 (KRTAP13-3), mRNA."
"Homo sapiens keratin associated protein 19-1 (KRTAP19-1), mRNA."
"Homo sapiens keratin associated protein 19-2 (KRTAP19-2), mRNA."
"Homo sapiens keratin associated protein 19-6 (KRTAP19-6), mRNA."
"Homo sapiens keratin associated protein 20-1 (KRTAP20-1), mRNA."
"Homo sapiens keratin associated protein 21-3 (KRTAP21-3), mRNA."
"Homo sapiens keratin associated protein 4-11 (KRTAP4-11), mRNA."
"Homo sapiens keratin associated protein 4-4 (KRTAP4-4), mRNA."
"Homo sapiens keratin associated protein 5-11 (KRTAP5-11), mRNA."
"Homo sapiens keratin associated protein 6-3 (KRTAP6-3), mRNA."
"PREDICTED: Homo sapiens keratin associated protein 7-1 (KRTAP7-1), mRNA."
"Homo sapiens keratin associated protein 9-4 (KRTAP9-4), mRNA."
"PREDICTED: Homo sapiens keratin associated protein 9-8 (KRTAP9-8), mRNA."
"Homo sapiens KTEL (Lys-Tyr-Glu-Leu) containing 1 (KTELC1), mRNA."
"Homo sapiens KTI12 homolog, chromatin associated (S. cerevisiae) (KTI12), mRNA."
"Homo sapiens kinectin 1 (kinesin receptor) (KTN1), transcript variant 4, mRNA."
"Homo sapiens kyphoscoliosis peptidase (KY), mRNA."
"Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 2, mRNA."
"Homo sapiens L-2-hydroxyglutarate dehydrogenase (L2HGDH), mRNA."
"Homo sapiens l(3)mbt-like (Drosophila) (L3MBTL), transcript variant I, mRNA."
"Homo sapiens l(3)mbt-like 2 (Drosophila) (L3MBTL2), mRNA."
"Homo sapiens l(3)mbt-like 3 (Drosophila) (L3MBTL3), transcript variant 2, mRNA."
"Homo sapiens lactamase, beta (LACTB), nuclear gene encoding mitochondrial protein, transcri
"Homo sapiens lactamase, beta 2 (LACTB2), mRNA."
"Homo sapiens lymphocyte-activation gene 3 (LAG3), mRNA."
"Homo sapiens L antigen family, member 3 (LAGE3), mRNA."
"Homo sapiens leukocyte-associated immunoglobulin-like receptor 1 (LAIR1), transcript variant
"Homo sapiens leukocyte-associated immunoglobulin-like receptor 2 (LAIR2), transcript variant
"Homo sapiens laminin, alpha 3 (LAMA3), transcript variant 1, mRNA."
"Homo sapiens laminin, alpha 5 (LAMA5), mRNA."
"Homo sapiens laminin, beta 1 (LAMB1), mRNA."
"Homo sapiens laminin, beta 2-like (LAMB2L), non-coding RNA."
"Homo sapiens laminin, beta 4 (LAMB4), mRNA."
"Homo sapiens laminin, gamma 1 (formerly LAMB2) (LAMC1), mRNA."
"Homo sapiens laminin, gamma 3 (LAMC3), mRNA."
"Homo sapiens lysosomal-associated membrane protein 1 (LAMP1), mRNA."
"Homo sapiens lysosomal-associated membrane protein 2 (LAMP2), transcript variant LAMP2A
"Homo sapiens lysosomal-associated membrane protein 3 (LAMP3), mRNA."
"Homo sapiens LanC lantibiotic synthetase component C-like 1 (bacterial) (LANCL1), mRNA."
"Homo sapiens LanC lantibiotic synthetase component C-like 2 (bacterial) (LANCL2), mRNA."
"Homo sapiens leucine aminopeptidase 3 (LAP3), mRNA."
"Homo sapiens lysosomal-associated protein transmembrane 4 alpha (LAPTM4A), mRNA."

"Homo sapiens lysosomal protein transmembrane 4 beta (LAPTM4B), mRNA."
"Homo sapiens lysosomal multispanning membrane protein 5 (LAPTM5), mRNA."
"Homo sapiens like-glycosyltransferase (LARGE), transcript variant 1, mRNA."
"Homo sapiens La ribonucleoprotein domain family, member 1B (LARP1B), transcript variant 2,
"Homo sapiens La ribonucleoprotein domain family, member 4 (LARP4), transcript variant 1, mF
"Homo sapiens La ribonucleoprotein domain family, member 4B (LARP4B), mRNA."
"Homo sapiens La ribonucleoprotein domain family, member 6 (LARP6), transcript variant 1, mF
"Homo sapiens La ribonucleoprotein domain family, member 7 (LARP7), transcript variant 1, mF
"Homo sapiens leucyl-tRNA synthetase (LARS), mRNA."
"Homo sapiens leucyl-tRNA synthetase 2, mitochondrial (LARS2), nuclear gene encoding mitoc
"Homo sapiens LAS1-like (S. cerevisiae) (LAS1L), mRNA."
"Homo sapiens LIM and SH3 protein 1 (LASP1), mRNA."
"Homo sapiens LAG1 homolog, ceramide synthase 1 (LASS1), transcript variant 2, mRNA."
"Homo sapiens LAG1 homolog, ceramide synthase 2 (LASS2), transcript variant 1, mRNA."
"Homo sapiens LAG1 homolog, ceramide synthase 4 (LASS4), mRNA."
"Homo sapiens LAG1 homolog, ceramide synthase 5 (S. cerevisiae) (LASS5), mRNA."
"Homo sapiens LAG1 homolog, ceramide synthase 6 (LASS6), mRNA."
"Homo sapiens linker for activation of T cells family, member 2 (LAT2), transcript variant 1, mRN
"Homo sapiens LATS, large tumor suppressor, homolog 2 (Drosophila) (LATS2), mRNA."
"Homo sapiens lymphocyte transmembrane adaptor 1 (LAX1), mRNA."
"Homo sapiens layilin (LAYN), mRNA."
"Homo sapiens lupus brain antigen 1 (LBA1), mRNA."
"PREDICTED: Homo sapiens hypothetical protein DKFZp566J091 (LBH), mRNA."
"Homo sapiens lamin B receptor (LBR), transcript variant 1, mRNA."
"Homo sapiens Leber congenital amaurosis 5-like (LCA5L), mRNA."
"Homo sapiens lecithin-cholesterol acyltransferase (LCAT), mRNA."
"Homo sapiens late cornified envelope 1C (LCE1C), mRNA."
"Homo sapiens late cornified envelope 2B (LCE2B), mRNA."
"Homo sapiens late cornified envelope 5A (LCE5A), mRNA."
"Homo sapiens lymphocyte-specific protein tyrosine kinase (LCK), transcript variant 2, mRNA."
"Homo sapiens leucine carboxyl methyltransferase 1 (LCMT1), transcript variant 2, mRNA."
"Homo sapiens leucine carboxyl methyltransferase 2 (LCMT2), mRNA."
"Homo sapiens lipocalin 2 (LCN2), mRNA."
"Homo sapiens ligand dependent nuclear receptor corepressor (LCOR), mRNA."
"Homo sapiens lymphocyte cytosolic protein 1 (L-plastin) (LCP1), mRNA."
"Homo sapiens lactase (LCT), mRNA."
"Homo sapiens LIM domain binding 1 (LDB1), mRNA."
"Homo sapiens lactate dehydrogenase A (LDHA), transcript variant 1, mRNA."
"Homo sapiens lactate dehydrogenase B (LDHB), mRNA."
"Homo sapiens lactate dehydrogenase D (LDHD), nuclear gene encoding mitochondrial protein,
"Homo sapiens low density lipoprotein receptor (familial hypercholesterolemia) (LDLR), mRNA."
"Homo sapiens low density lipoprotein receptor class A domain containing 2 (LDLRAD2), mRNA
"Homo sapiens low density lipoprotein receptor adaptor protein 1 (LDLRAP1), mRNA."
"Homo sapiens liver expressed antimicrobial peptide 2 (LEAP2), mRNA."

"Homo sapiens liver-expressed antimicrobial peptide 2 (LEAP-2), mRNA."
"Homo sapiens lymphoid enhancer-binding factor 1 (LEF1), mRNA."
"Homo sapiens left-right determination factor 1 (LEFTY1), mRNA."
"Homo sapiens LEM domain containing 1 (LEMD1), mRNA."
"Homo sapiens LEM domain containing 2 (LEMD2), mRNA."
"Homo sapiens LEM domain containing 3 (LEMD3), mRNA."
"Homo sapiens leukocyte receptor cluster (LRC) member 1 (LENG1), mRNA."
"Homo sapiens Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (LE
"Homo sapiens leptin (obesity homolog, mouse) (LEP), mRNA."
"Homo sapiens leucine proline-enriched proteoglycan (leprecan) 1 (LEPRE1), mRNA."
"Homo sapiens leprecan-like 1 (LEPREL1), mRNA."
"Homo sapiens leptin receptor overlapping transcript (LEPROT), mRNA."
"Homo sapiens leptin receptor overlapping transcript-like 1 (LEPROTL1), mRNA."
"Homo sapiens leucine zipper-EF-hand containing transmembrane protein 1 (LETM1), nuclear g
"Homo sapiens LETM1 domain containing 1 (LETMD1), transcript variant 1, mRNA."
"Homo sapiens LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (LFNG), transc
"Homo sapiens lectin, galactoside-binding, soluble, 1 (LGALS1), mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 14 (LGALS14), transcript variant 1, mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 3 (galectin 3) (LGALS3), mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 3 binding protein (LGALS3BP), mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 7 (galectin 7) (LGALS7), mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 7B (LGALS7B), mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 8 (LGALS8), transcript variant 3, mRNA."
"Homo sapiens lectin, galactoside-binding, soluble, 9 (LGALS9), transcript variant 1, mRNA."
"Homo sapiens leucine-rich, glioma inactivated 1 (LGI1), mRNA."
"Homo sapiens legumain (LGMN), transcript variant 2, mRNA."
"Homo sapiens leucine-rich repeat-containing G protein-coupled receptor 5 (LGR5), mRNA."
"Homo sapiens leucine-rich repeat-containing G protein-coupled receptor 6 (LGR6), transcript va
"Homo sapiens ligatin (LGTN), mRNA."
"Homo sapiens lipoma HMGIC fusion partner (LHFP), mRNA."
"Homo sapiens lipoma HMGIC fusion partner-like 2 (LHFPL2), mRNA."
"Homo sapiens phospholysine phosphohistidine inorganic pyrophosphate phosphatase (LHPP),
"Homo sapiens LIM homeobox 2 (LHX2), mRNA."
"Homo sapiens LIM homeobox 4 (LHX4), mRNA."
"Homo sapiens LIM homeobox 6 (LHX6), transcript variant 1, mRNA."
"Homo sapiens lipoic acid synthetase (LIAS), nuclear gene encoding mitochondrial protein, tran
"Homo sapiens leukemia inhibitory factor receptor alpha (LIFR), mRNA."
"Homo sapiens ligase I, DNA, ATP-dependent (LIG1), mRNA."
"Homo sapiens ligase III, DNA, ATP-dependent (LIG3), nuclear gene encoding mitochondrial pr
"Homo sapiens ligase IV, DNA, ATP-dependent (LIG4), transcript variant 2, mRNA."
"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), mem
"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member
"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains
"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains

"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains
"Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains
"Homo sapiens LIM domain and actin binding 1 (LIMA1), mRNA."
"Homo sapiens Lck interacting transmembrane adaptor 1 (LIME1), mRNA."
"PREDICTED: Homo sapiens LIM and senescent cell antigen-like domains 1 (LIMS1), mRNA."
"Homo sapiens lin-28 homolog B (C. elegans) (LIN28B), mRNA."
"Homo sapiens lin-37 homolog (C. elegans) (LIN37), mRNA."
"Homo sapiens lin-52 homolog (C. elegans) (LIN52), mRNA."
"Homo sapiens lin-54 homolog (C. elegans) (LIN54), mRNA."
"Homo sapiens lin-7 homolog A (C. elegans) (LIN7A), mRNA."
"Homo sapiens lin-7 homolog B (C. elegans) (LIN7B), mRNA."
"Homo sapiens lin-7 homolog C (C. elegans) (LIN7C), mRNA."
"Homo sapiens lin-9 homolog (C. elegans) (LIN9), mRNA."
"Homo sapiens lines homolog 1 (Drosophila) (LINS1), transcript variant 2, mRNA."
"Homo sapiens lipase A, lysosomal acid, cholesterol esterase (LIPA), transcript variant 2, mRNA
"Homo sapiens lipase, hormone-sensitive (LIPE), mRNA."
"Homo sapiens lipase, gastric (LIPF), mRNA."
"Homo sapiens lipase, member I (LIPI), mRNA."
"Homo sapiens lipase, family member J (LIPJ), mRNA."
"PREDICTED: Homo sapiens lipase-like, ab-hydrolase domain containing 2 (LIPL2), mRNA."
"Homo sapiens lipoyltransferase 1 (LIPT1), transcript variant 1, mRNA."
"Homo sapiens lipopolysaccharide-induced TNF factor (LITAF), mRNA."
"Homo sapiens Lix1 homolog (mouse)-like (LIX1L), mRNA."
"Homo sapiens lethal giant larvae homolog 1 (Drosophila) (LLGL1), mRNA."
"PREDICTED: Homo sapiens lethal giant larvae homolog 2 (Drosophila), transcript variant 10 (L
"Homo sapiens LLP homolog, long-term synaptic facilitation (Aplysia) (LLPH), mRNA."
"Homo sapiens lectin, mannose-binding, 1 (LMAN1), mRNA."
"Homo sapiens lectin, mannose-binding 2 (LMAN2), mRNA."
"Homo sapiens lectin, mannose-binding 2-like (LMAN2L), mRNA."
"Homo sapiens limb region 1 homolog (mouse) (LMBR1), mRNA."
"Homo sapiens limb region 1 homolog (mouse)-like (LMBR1L), mRNA."
"Homo sapiens LMBR1 domain containing 1 (LMBRD1), mRNA."
"Homo sapiens LMBR1 domain containing 2 (LMBRD2), mRNA."
"Homo sapiens LIM and cysteine-rich domains 1 (LMCD1), mRNA."
"Homo sapiens lipase maturation factor 1 (LMF1), mRNA."
"Homo sapiens lipase maturation factor 2 (LMF2), mRNA."
"Homo sapiens leishmanolysin-like (metallopeptidase M8 family) (LMLN), transcript variant 2, m
"Homo sapiens lamin A/C (LMNA), transcript variant 2, mRNA."
"Homo sapiens lamin B1 (LMNB1), mRNA."
"Homo sapiens lamin B2 (LMNB2), mRNA."
"Homo sapiens LIM domain only 2 (rhombotin-like 1) (LMO2), mRNA."
"Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcript variant 2, mRNA."
"Homo sapiens LIM domain only 4 (LMO4), mRNA."
"Homo sapiens leiomodin 3 (fetal) (LMOD3), mRNA."

"Homo sapiens lemur tyrosine kinase 2 (LMTK2), mRNA."
"PREDICTED: Homo sapiens lemur tyrosine kinase 3 (LMTK3), mRNA."
"Homo sapiens LIM homeobox transcription factor 1, beta (LMX1B), mRNA."
"Homo sapiens leucyl/cystinyl aminopeptidase (LNPEP), transcript variant 1, mRNA."
"Homo sapiens ligand of numb-protein X 2 (LNX2), mRNA."
"Homo sapiens 18S ribosomal RNA (LOC100008588), non-coding RNA."
"Homo sapiens 28S ribosomal RNA (LOC100008589), non-coding RNA."
"Homo sapiens hypothetical LOC100009676 (LOC100009676), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100034248), miscRNA."
"Homo sapiens general transcription factor II, i, pseudogene (LOC100093631), non-coding RNA
"Homo sapiens hepatitis A virus cellular receptor 1 pseudogene (LOC100101266), non-coding R
"Homo sapiens maltase-glucoamylase-like pseudogene (LOC100124692), non-coding RNA."
"Homo sapiens family with sequence similarity 86, member A pseudogene (LOC100125556), tra
"PREDICTED: Homo sapiens hypothetical protein LOC100127887 (LOC100127887), mRNA."
"PREDICTED: Homo sapiens similar to hCG2042508 (LOC100127891), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127918), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127922), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100127944 (LOC100127944), mRNA."
"PREDICTED: Homo sapiens ISPF6484 (LOC100127951), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127952), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100127971 (LOC100127971), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100127974 (LOC100127974), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127975), partial miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127982), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100127983 (LOC100127983), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100127999), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128007), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128016), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128028 (LOC100128028), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128055 (LOC100128055), mRNA."
"PREDICTED: Homo sapiens similar to hCG2013701 (LOC100128056), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128062), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2033532 (LOC100128081), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128083), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128084 (LOC100128084), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128086), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC100128096 (LOC100128096), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128098 (LOC100128098), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128115), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128126 (LOC100128126), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128163 (LOC100128163), mRNA."
"PREDICTED: Homo sapiens similar to defensin, beta 131 (LOC100128174), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128191 (LOC100128191), mRNA."
"PREDICTED: Homo sapiens similar to Chromosome 21 open reading frame 67 (LOC1001281

"PREDICTED: Homo sapiens misc_RNA (LOC100128196), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128202 (LOC100128202), mRNA."
"PREDICTED: Homo sapiens similar to endosulfine alpha (LOC100128203), mRNA."
"PREDICTED: Homo sapiens similar to hCG2041787 (LOC100128221), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100128256 (LOC100128256), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128266), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128269), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128274 (LOC100128274), mRNA."
"PREDICTED: Homo sapiens similar to hCG1775427 (LOC100128283), mRNA."
"Homo sapiens hypothetical protein LOC100128288 (LOC100128288), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128291), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1639947 (LOC100128295), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128300 (LOC100128300), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128304 (LOC100128304), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128309 (LOC100128309), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128326), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128337), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128353), miscRNA."
"PREDICTED: Homo sapiens similar to small nuclear ribonucleoprotein polypeptide G (LOC100
"PREDICTED: Homo sapiens hypothetical protein LOC100128374 (LOC100128374), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128389 (LOC100128389), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128398 (LOC100128398), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128403 (LOC100128403), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128410), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2036697 (LOC100128419), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128425 (LOC100128425), mRNA."
"PREDICTED: Homo sapiens similar to hCG1656091 (LOC100128432), mRNA."
"PREDICTED: Homo sapiens similar to hCG2045005 (LOC100128435), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128440 (LOC100128440), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128460), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128461 (LOC100128461), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128469), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128477 (LOC100128477), mRNA."
"PREDICTED: Homo sapiens similar to hCG2021201 (LOC100128505), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128507), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1641472 (LOC100128525), mRNA."
"PREDICTED: Homo sapiens similar to hCG2013595 (LOC100128533), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128547 (LOC100128547), mRNA."
"Homo sapiens hypothetical LOC100128573 (LOC100128573), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128585), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128627), miscRNA."
"PREDICTED: Homo sapiens similar to Putative ubiquitin-conjugating enzyme E2 D3-like protei
"PREDICTED: Homo sapiens hypothetical protein LOC100128653 (LOC100128653), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128666 (LOC100128666), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC100128667 (LOC100128667), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128682 (LOC100128682), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128689), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1810796 (LOC100128691), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100128695 (LOC100128695), mRNA."
"Homo sapiens dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4 (LOC1
"PREDICTED: Homo sapiens hypothetical protein LOC100128737 (LOC100128737), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128746 (LOC100128746), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128760), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2041516 (LOC100128765), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128771), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128775), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128781), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128805 (LOC100128805), mRNA."
"PREDICTED: Homo sapiens ACAH3104 (LOC100128816), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128836), miscRNA."
"PREDICTED: Homo sapiens similar to hCG36768 (LOC100128853), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128857), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128862 (LOC100128862), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128869 (LOC100128869), mRNA."
"PREDICTED: Homo sapiens similar to predicted protein (LOC100128881), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128883), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128895 (LOC100128895), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100128899), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128901 (LOC100128901), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128908 (LOC100128908), mRNA."
"PREDICTED: Homo sapiens similar to hCG1817494 (LOC100128909), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128918 (LOC100128918), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L10a (LOC100128936), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128956 (LOC100128956), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 626 (LOC100128975), mRNA."
"Homo sapiens hypothetical LOC100128977 (LOC100128977), non-coding RNA."
"PREDICTED: Homo sapiens similar to hCG2018847 (LOC100128988), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100128994 (LOC100128994), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129021 (LOC100129021), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129022 (LOC100129022), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129027 (LOC100129027), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129034 (LOC100129034), mRNA."
"PREDICTED: Homo sapiens similar to PRO2812 (LOC100129038), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129064), miscRNA."
"Homo sapiens hypothetical LOC100129066 (LOC100129066), non-coding RNA. XM_0017212
"PREDICTED: Homo sapiens misc_RNA (LOC100129067), miscRNA."
"PREDICTED: Homo sapiens similar to FP17469 (LOC100129076), mRNA."
"PREDICTED: Homo sapiens similar to hCG2045285 (LOC100129083), mRNA."

"PREDICTED: Homo sapiens hypothetical LOC100129101 (LOC100129101), mRNA."
"PREDICTED: Homo sapiens similar to hydroxyproline-rich glycoprotein VSP-3 (LOC10012910
"PREDICTED: Homo sapiens similar to Transmembrane protein 167 (LOC100129118), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129122 (LOC100129122), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129129 (LOC100129129), mRNA."
"PREDICTED: Homo sapiens similar to hCG2042189 (LOC100129144), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129147 (LOC100129147), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129148 (LOC100129148), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129169 (LOC100129169), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100129191 (LOC100129191), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129201 (LOC100129201), mRNA."
"PREDICTED: Homo sapiens similar to mCG50504 (LOC100129203), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129206 (LOC100129206), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129211 (LOC100129211), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129213 (LOC100129213), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129214 (LOC100129214), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129218 (LOC100129218), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129226 (LOC100129226), mRNA."
"PREDICTED: Homo sapiens similar to hCG1653500 (LOC100129236), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129237), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129239 (LOC100129239), mRNA."
"PREDICTED: Homo sapiens similar to hCG1994130 (LOC100129243), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129267), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129268 (LOC100129268), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129269 (LOC100129269), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100129282 (LOC100129282), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129285 (LOC100129285), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129297 (LOC100129297), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129303 (LOC100129303), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129334 (LOC100129334), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129342 (LOC100129342), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129343 (LOC100129343), mRNA."
"Homo sapiens NRADD pseudogene (LOC100129354), non-coding RNA."
"PREDICTED: Homo sapiens similar to mCG115122 (LOC100129361), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129362 (LOC100129362), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129365 (LOC100129365), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129379), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129386 (LOC100129386), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100129390 (LOC100129390), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129424), miscRNA."
"PREDICTED: Homo sapiens similar to HIG1 domain family, member 1A (LOC100129426), mR
"PREDICTED: Homo sapiens hypothetical protein LOC100129441 (LOC100129441), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129455 (LOC100129455), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129461 (LOC100129461), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC100129466), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129482), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129502 (LOC100129502), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129514 (LOC100129514), mRNA."
"PREDICTED: Homo sapiens similar to hCG2029803 (LOC100129518), mRNA."
"PREDICTED: Homo sapiens similar to hCG1817212 (LOC100129522), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129539), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129543 (LOC100129543), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129548 (LOC100129548), mRNA."
"Homo sapiens hypothetical LOC100129550 (LOC100129550), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129552), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129553), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129559), partial miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129566 (LOC100129566), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129580 (LOC100129580), mRNA."
"PREDICTED: Homo sapiens similar to hCG2011544 (LOC100129585), mRNA."
"PREDICTED: Homo sapiens VLCS3029 (LOC100129588), mRNA."
"PREDICTED: Homo sapiens similar to mCG7602 (LOC100129599), mRNA."
"PREDICTED: Homo sapiens similar to hCG40515 (LOC100129602), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129608 (LOC100129608), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129619 (LOC100129619), mRNA."
"Homo sapiens hypothetical LOC100129637 (LOC100129637), non-coding RNA. XR_039552 X
"PREDICTED: Homo sapiens hypothetical protein LOC100129638 (LOC100129638), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129652 (LOC100129652), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129656 (LOC100129656), mRNA."
"PREDICTED: Homo sapiens similar to hCG2000002 (LOC100129660), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129667), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129668 (LOC100129668), mRNA."
"PREDICTED: Homo sapiens similar to hCG2042915 (LOC100129673), mRNA."
"PREDICTED: Homo sapiens similar to hCG2002091 (LOC100129674), mRNA."
"PREDICTED: Homo sapiens similar to NPC-A-7 (LOC100129681), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129697 (LOC100129697), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129707), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129708), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129716 (LOC100129716), mRNA."
"PREDICTED: Homo sapiens similar to PNAS-117 (LOC100129759), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100129778 (LOC100129778), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129781 (LOC100129781), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129826 (LOC100129826), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129827 (LOC100129827), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129828 (LOC100129828), mRNA."
"PREDICTED: Homo sapiens similar to ZNF124 protein (LOC100129837), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129842), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129866), miscRNA."

"PREDICTED: Homo sapiens similar to mCG49427 (LOC100129882), mRNA."
"PREDICTED: Homo sapiens similar to hCG2027326 (LOC100129905), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129906 (LOC100129906), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129907 (LOC100129907), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129912 (LOC100129912), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129916 (LOC100129916), mRNA."
"PREDICTED: Homo sapiens similar to hCG2036949 (LOC100129924), mRNA."
"PREDICTED: Homo sapiens similar to mCG49427 (LOC100129928), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129933), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129934), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100129954 (LOC100129954), mRNA."
"PREDICTED: Homo sapiens similar to hCG1643231 (LOC100129958), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100129960), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L10 (LOC100129975), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100129988 (LOC100129988), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130003), miscRNA."
"PREDICTED: Homo sapiens similar to high mobility group protein (LOC100130009), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130053 (LOC100130053), mRNA."
"PREDICTED: Homo sapiens similar to kinase suppressor of ras 1 (LOC100130055), mRNA."
"PREDICTED: Homo sapiens similar to metallopanstimulin (LOC100130070), mRNA."
"PREDICTED: Homo sapiens similar to GSQS6193 (LOC100130071), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130079), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC100130084 (LOC100130084), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130092), miscRNA."
"Homo sapiens hypothetical LOC100130093 (LOC100130093), transcript variant 2, non-coding
"PREDICTED: Homo sapiens similar to hCG26659 (LOC100130100), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100130131 (LOC100130131), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130134), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130141), miscRNA."
"Homo sapiens hypothetical LOC100130148 (LOC100130148), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130155, transcript variant 1 (LOC100
"PREDICTED: Homo sapiens hypothetical protein LOC100130157 (LOC100130157), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130168 (LOC100130168), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100130179), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130187 (LOC100130187), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130190), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100130217), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130224, transcript variant 3 (LOC100
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"PREDICTED: Homo sapiens misc_RNA (LOC100130320), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130324 (LOC100130324), mRNA."
"PREDICTED: Homo sapiens similar to PRO2474 (LOC100130332), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130351 (LOC100130351), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100130354 (LOC100130354), mRNA."
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"PREDICTED: Homo sapiens similar to hCG2036711 (LOC100130476), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100130604 (LOC100130604), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100130775), miscRNA."
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"PREDICTED: Homo sapiens similar to hCG2041493 (LOC100130803), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100130921 (LOC100130921), mRNA."
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"PREDICTED: Homo sapiens similar to CSAG family, member 2 (LOC100130935), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100130996 (LOC100130996), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100131009 (LOC100131009), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 316 (LOC100131017), mRNA."
"PREDICTED: Homo sapiens similar to hCG2041190 (LOC100131031), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100131093), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131096 (LOC100131096), mRNA."
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"PREDICTED: Homo sapiens similar to AHPA9419 (LOC100131131), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100131243), miscRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100131256 (LOC100131256), mRNA."
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"PREDICTED: Homo sapiens similar to hCG1816984 (LOC100131266), mRNA."
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"PREDICTED: Homo sapiens similar to Polio virus receptor protein (LOC100131308), mRNA."
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"PREDICTED: Homo sapiens similar to hCG1791958 (LOC100131390), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100131426 (LOC100131426), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131434 (LOC100131434), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100131435 (LOC100131435), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100131436 (LOC100131436), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131452 (LOC100131452), mRNA."
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"PREDICTED: Homo sapiens similar to hCG1812837 (LOC100131588), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100131643 (LOC100131643), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100131655 (LOC100131655), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131683 (LOC100131683), mRNA."
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"PREDICTED: Homo sapiens hypothetical LOC100131733 (LOC100131733), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100131737), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131744 (LOC100131744), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100131785), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100131787), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2036585 (LOC100131801), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100131810), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131831 (LOC100131831), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131835 (LOC100131835), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131850 (LOC100131850), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131856 (LOC100131856), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100131866), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100131868), miscRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100131968 (LOC100131968), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100131970), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100131972 (LOC100131972), mRNA."
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"PREDICTED: Homo sapiens similar to zinc finger protein 705A (LOC100131980), mRNA."
"PREDICTED: Homo sapiens similar to hCG1742852 (LOC100131986), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100132068 (LOC100132068), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC100132086), miscRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100132323 (LOC100132323), mRNA."
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"PREDICTED: Homo sapiens similar to hCG1782458 (LOC100132413), mRNA."
"PREDICTED: Homo sapiens similar to PRO1102 (LOC100132418), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100132485 (LOC100132485), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100132518 (LOC100132518), mRNA."
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"PREDICTED: Homo sapiens similar to FLJ00274 protein (LOC100132526), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC100132733 (LOC100132733), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100132797), miscRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC100132972), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100132977), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100132992), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2036595 (LOC100132994), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133002 (LOC100133002), mRNA."
"PREDICTED: Homo sapiens similar to RAS p21 protein activator 4 (LOC100133005), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133008 (LOC100133008), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133012 (LOC100133012), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133018 (LOC100133018), mRNA."
"PREDICTED: Homo sapiens similar to hCG1983765 (LOC100133019), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133033), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133036 (LOC100133036), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133042 (LOC100133042), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133045 (LOC100133045), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133047 (LOC100133047), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133053 (LOC100133053), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133055 (LOC100133055), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133058), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133070 (LOC100133070), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133075), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133076), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133086 (LOC100133086), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133095 (LOC100133095), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133111 (LOC100133111), mRNA."
"PREDICTED: Homo sapiens similar to breakpoint cluster region (LOC100133163), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133177), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133179 (LOC100133179), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133185), miscRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC100133211 (LOC100133211), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133220), miscRNA."
"PREDICTED: Homo sapiens similar to mCG146274 (LOC100133222), mRNA."
"PREDICTED: Homo sapiens similar to hCG2041320 (LOC100133224), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133232 (LOC100133232), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133233 (LOC100133233), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133263 (LOC100133263), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133264 (LOC100133264), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133277), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133288), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133298 (LOC100133298), mRNA."
"Homo sapiens Ras suppressor protein 1 pseudogene (LOC100133308), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133312), miscRNA."
"PREDICTED: Homo sapiens similar to melanoma antigen (LOC100133313), mRNA."
"PREDICTED: Homo sapiens similar to hCG1640299 (LOC100133315), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133328), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133372), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133373 (LOC100133373), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133390, transcript variant 2 (LOC100
"PREDICTED: Homo sapiens misc_RNA (LOC100133398), partial miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133401 (LOC100133401), mRNA."
"PREDICTED: Homo sapiens similar to mucin (LOC100133408), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133420 (LOC100133420), mRNA."
"PREDICTED: Homo sapiens similar to hCG1640620 (LOC100133430), mRNA."
"PREDICTED: Homo sapiens similar to melanoma antigen (LOC100133435), mRNA."
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein (LOC1001334
"PREDICTED: Homo sapiens similar to hCG2042704 (LOC100133447), partial mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133459 (LOC100133459), partial mR
"PREDICTED: Homo sapiens misc_RNA (LOC100133465), miscRNA."
"PREDICTED: Homo sapiens similar to Nop10p (LOC100133477), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133478), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133479 (LOC100133479), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133482 (LOC100133482), mRNA."
"PREDICTED: Homo sapiens similar to hCG1983233 (LOC100133489), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133502 (LOC100133502), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133516 (LOC100133516), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133517 (LOC100133517), mRNA."
"PREDICTED: Homo sapiens similar to hCG2002956 (LOC100133536), partial mRNA."
"Homo sapiens hypothetical LOC100133545 (LOC100133545), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC100133554 (LOC100133554), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133555), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133563 (LOC100133563), mRNA."
"PREDICTED: Homo sapiens similar to hCG23738 (LOC100133565), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133568 (LOC100133568), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC100133576 (LOC100133576), partial mR
"PREDICTED: Homo sapiens similar to acetylserotonin O-methyltransferase-like (LOC1001335
"PREDICTED: Homo sapiens similar to major histocompatibility complex, class II, DQ beta 1, tra
"PREDICTED: Homo sapiens similar to MAP kinase kinase 3b (LOC100133591), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100133602), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133607, transcript variant 2 (LOC100
"PREDICTED: Homo sapiens similar to membrane-associated ring finger (C3HC4) 3 (LOC1001
"PREDICTED: Homo sapiens misc_RNA (LOC100133627), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1806822 (LOC100133636), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133638 (LOC100133638), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133649 (LOC100133649), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133662 (LOC100133662), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133667 (LOC100133667), mRNA."
"PREDICTED: Homo sapiens similar to hCG1994695 (LOC100133669), mRNA."
"PREDICTED: Homo sapiens similar to Ca ATPase SERCA1 (LOC100133672), partial mRNA."
"PREDICTED: Homo sapiens similar to hCG2042724 (LOC100133678), partial mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133686 (LOC100133686), mRNA."
"PREDICTED: Homo sapiens similar to hCG2040254 (LOC100133697), mRNA."
"PREDICTED: Homo sapiens similar to hCG2038920 (LOC100133739), mRNA."
"PREDICTED: Homo sapiens similar to hypoxia-inducible protein 2 (LOC100133744), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133747 (LOC100133747), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133758 (LOC100133758), partial mRNA."
"PREDICTED: Homo sapiens similar to hCG2041993 (LOC100133769), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133771 (LOC100133771), mRNA."
"PREDICTED: Homo sapiens similar to MCT (LOC100133772), mRNA."
"PREDICTED: Homo sapiens similar to mitochondrial ribosomal protein S18C (LOC100133779)
"PREDICTED: Homo sapiens similar to mCG50656 (LOC100133803), mRNA."
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DRB1-4 beta cha
"PREDICTED: Homo sapiens similar to metallopanstimulin (LOC100133812), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133836, transcript variant 1 (LOC100
"PREDICTED: Homo sapiens hypothetical LOC100133839 (LOC100133839), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133844 (LOC100133844), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133859 (LOC100133859), mRNA."
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein (myomegalin)
"PREDICTED: Homo sapiens similar to Leukocyte immunoglobulin-like receptor, subfamily A (w
"PREDICTED: Homo sapiens similar to GDNF family receptor alpha-2 precursor (GFR-alpha-2)
"PREDICTED: Homo sapiens similar to SET domain containing (lysine methyltransferase) 8 (LO
"PREDICTED: Homo sapiens hypothetical protein LOC100133892 (LOC100133892), mRNA."
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1 (LOC10013389
"PREDICTED: Homo sapiens hypothetical protein LOC100133908 (LOC100133908), mRNA."
"PREDICTED: Homo sapiens similar to glutamate receptor, ionotropic, kainate 4 (LOC1001339
"PREDICTED: Homo sapiens hypothetical protein LOC100133916 (LOC100133916), mRNA."
"PREDICTED: Homo sapiens similar to vomeronasal 1 receptor, A5 (LOC100133928), mRNA."
"PREDICTED: Homo sapiens similar to D-2-hydroxyglutarate dehydrogenase, mitochondrial (LO

"PREDICTED: Homo sapiens similar to hCG1795283 (LOC100133947), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133950 (LOC100133950), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100133959 (LOC100133959), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100133981 (LOC100133981), mRNA."
"PREDICTED: Homo sapiens similar to hCG1733035 (LOC100133984), mRNA."
"Homo sapiens hypothetical protein LOC100133985 (LOC100133985), non-coding RNA."
"PREDICTED: Homo sapiens similar to mannosidase, alpha, class 1C, member 1 (LOC100134(
"PREDICTED: Homo sapiens hypothetical LOC100134002 (LOC100134002), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134009 (LOC100134009), mRNA."
"PREDICTED: Homo sapiens similar to PR domain containing 15 (LOC100134011), mRNA."
"PREDICTED: Homo sapiens similar to hCG1774568 (LOC100134018), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134041 (LOC100134041), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134047), miscRNA."
"PREDICTED: Homo sapiens similar to ubiquitin associated and SH3 domain containing, A (LO
"PREDICTED: Homo sapiens similar to POLR2J4 protein (LOC100134053), mRNA."
"PREDICTED: Homo sapiens similar to LYPDC1 protein (LOC100134073), mRNA."
"PREDICTED: Homo sapiens similar to hCG1647242 (LOC100134083), mRNA."
"PREDICTED: Homo sapiens similar to hCG2007960 (LOC100134098), mRNA."
"PREDICTED: Homo sapiens similar to Phosphodiesterase 4D interacting protein (myomegalin)
"PREDICTED: Homo sapiens misc_RNA (LOC100134101), partial miscRNA."
"PREDICTED: Homo sapiens similar to succinate dehydrogenase complex, subunit A, flavoprote
"PREDICTED: Homo sapiens similar to peroxidasin homolog (LOC100134134), mRNA."
"PREDICTED: Homo sapiens similar to LHPE306, transcript variant 3 (LOC100134140), mRNA.
"PREDICTED: Homo sapiens hypothetical LOC100134147 (LOC100134147), mRNA."
"PREDICTED: Homo sapiens similar to synaptotagmin XV-b (LOC100134152), mRNA."
"PREDICTED: Homo sapiens similar to Coiled-coil domain containing 144B (LOC100134159), n
"PREDICTED: Homo sapiens similar to hCG1793095 (LOC100134182), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134188 (LOC100134188), mRNA."
"PREDICTED: Homo sapiens similar to LOC441089 protein, transcript variant 1 (LOC10013418
"PREDICTED: Homo sapiens similar to methyl-CpG binding domain protein 3-like 2 (LOC10013
"PREDICTED: Homo sapiens similar to hCG1989348 (LOC100134201), mRNA."
"PREDICTED: Homo sapiens similar to IQ motif and SEC7 domain-containing protein 3 (LOC10
"PREDICTED: Homo sapiens hypothetical protein LOC100134226 (LOC100134226), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134228), miscRNA."
"Homo sapiens hypothetical protein LOC100134229 (LOC100134229), non-coding RNA."
"PREDICTED: Homo sapiens similar to hCG1642820 (LOC100134235), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134239 (LOC100134239), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134241 (LOC100134241), mRNA."
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1 (LOC10013426
"PREDICTED: Homo sapiens similar to calbindin 2 full length protein (LOC100134265), mRNA.'
"PREDICTED: Homo sapiens misc_RNA (LOC100134266), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134272), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134282 (LOC100134282), mRNA."
"PREDICTED: Homo sapiens similar to mitogen-activated protein kinase phosphatase x (LOC1(

"PREDICTED: Homo sapiens hypothetical protein LOC100134294 (LOC100134294), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134300), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134301 (LOC100134301), mRNA."
"PREDICTED: Homo sapiens similar to patatin-like phospholipase domain containing 2 (LOC10
"PREDICTED: Homo sapiens similar to hCG1983233 (LOC100134304), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134318 (LOC100134318), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134330 (LOC100134330), mRNA."
"PREDICTED: Homo sapiens similar to hCG1812074 (LOC100134331), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134346 (LOC100134346), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134353 (LOC100134353), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100134357 (LOC100134357), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC100134360 (LOC100134360), mRNA."
"PREDICTED: Homo sapiens similar to hCG1811002 (LOC100134361), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134363 (LOC100134363), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134364 (LOC100134364), mRNA."
"PREDICTED: Homo sapiens similar to bactericidal/permeability-increasing protein (LOC100134
"PREDICTED: Homo sapiens hypothetical protein LOC100134400 (LOC100134400), partial mR
"PREDICTED: Homo sapiens similar to cartilage-associated protein (CASP) (LOC100134403), r
"PREDICTED: Homo sapiens hypothetical protein LOC100134407 (LOC100134407), mRNA."
"PREDICTED: Homo sapiens similar to putative DUX4 protein (LOC100134409), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134420 (LOC100134420), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134424), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134436 (LOC100134436), mRNA."
"PREDICTED: Homo sapiens similar to PGBD5 protein (LOC100134440), mRNA."
"PREDICTED: Homo sapiens similar to hkir2.2x (LOC100134444), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134468 (LOC100134468), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134516 (LOC100134516), mRNA."
"PREDICTED: Homo sapiens similar to hCG1779533 (LOC100134524), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134528), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134530 (LOC100134530), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134537), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134539 (LOC100134539), mRNA."
"PREDICTED: Homo sapiens similar to hCG2036731 (LOC100134557), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134563), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134571), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134601 (LOC100134601), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134634 (LOC100134634), mRNA."
"PREDICTED: Homo sapiens similar to hCG2024106, transcript variant 2 (LOC100134648), mR
"PREDICTED: Homo sapiens hypothetical protein LOC100134660 (LOC100134660), mRNA."
"PREDICTED: Homo sapiens similar to Williams Beuren syndrome chromosome region 19 pseu
"PREDICTED: Homo sapiens hypothetical protein LOC100134672 (LOC100134672), mRNA."
"PREDICTED: Homo sapiens similar to Mucin-3A precursor (Intestinal mucin-3A) (LOC1001346
"PREDICTED: Homo sapiens similar to LOC401435 (LOC100134675), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134687 (LOC100134687), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC100134688), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134703), partial miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134710), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134712 (LOC100134712), mRNA."
"PREDICTED: Homo sapiens similar to LOC392621 (LOC100134728), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134734), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134766), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134796), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC100134815 (LOC100134815), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC100134816), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2005335 (LOC100134825), mRNA."
"Homo sapiens hypothetical LOC100134868 (LOC100134868), non-coding RNA."
"Homo sapiens hypothetical transcript (LOC100144603), non-coding RNA."
"Homo sapiens hypothetical LOC100144604 (LOC100144604), non-coding RNA."
"Homo sapiens hypothetical LOC100169752 (LOC100169752), non-coding RNA."
"Homo sapiens glucuronidase, beta pseudogene (LOC100170939), non-coding RNA."
"Homo sapiens hypothetical LOC100188949 (LOC100188949), non-coding RNA."
"Homo sapiens hypothetical LOC100190938 (LOC100190938), transcript variant 2, non-coding
"Homo sapiens hypothetical LOC100190939 (LOC100190939), non-coding RNA."
"Homo sapiens hypothetical LOC100233209 (LOC100233209), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC113230 (LOC113230), mRNA."
"Homo sapiens similar to envelope protein (LOC113386), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC121006 (LOC121006), mRNA."
"PREDICTED: Homo sapiens similar to futsch CG3064-PB (LOC121792), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC121952 (LOC121952), mRNA."
"PREDICTED: Homo sapiens similar to hCG2042536 (LOC123855), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC124216 (LOC124216), misc RNA."
"Homo sapiens similar to common salivary protein 1 (LOC124220), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC124512 (LOC124512), mRNA."
"PREDICTED: Homo sapiens similar to Myosin light polypeptide 6 (Smooth muscle and nonmus
"PREDICTED: Homo sapiens hypothetical protein LOC126661, transcript variant 6 (LOC126661
"PREDICTED: Homo sapiens similar to arylacetamide deacetylase, transcript variant 2 (LOC126
"PREDICTED: Homo sapiens similar to Centaurin-gamma 2 (ARF-GAP with GTP-binding protei
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L36 (LOC127295), mRNA."
"PREDICTED: Homo sapiens 3-beta-hydroxysteroid dehydrogenase, tissue-type heart (LOC128
"PREDICTED: Homo sapiens similar to nuclear transport factor 2 (LOC128322), mRNA."
"PREDICTED: Homo sapiens similar to Nucleolar transcription factor 1 (Upstream binding factor
"PREDICTED: Homo sapiens similar to 60S acidic ribosomal protein P1 (LOC130678), mRNA."
"PREDICTED: Homo sapiens similar to S-100 protein, alpha chain, transcript variant 3 (LOC132
"PREDICTED: Homo sapiens hypothetical protein LOC133491 (LOC133491), mRNA."
"PREDICTED: Homo sapiens similar to 60S acidic ribosomal protein P1 (LOC133609), mRNA."
"PREDICTED: Homo sapiens hypothetical gene LOC133874, transcript variant 1 (LOC133874),
"PREDICTED: Homo sapiens hypothetical LOC133993, transcript variant 1 (LOC133993), mRN
"PREDICTED: Homo sapiens similar to odd Oz/ten-m homolog 2 (LOC134541), mRNA."

Homo sapiens peptidylprolyl isomerase A processed pseudogene (LOC134997) on chromosom
"PREDICTED: Homo sapiens similar to ribosomal protein L18 (LOC136143), mRNA."
"PREDICTED: Homo sapiens similar to testis expressed sequence 13A (LOC139116), mRNA."
"PREDICTED: Homo sapiens similar to E2F transcription factor 6 isoform 1 (LOC139542), mRN
"Homo sapiens RNA binding motif protein, X-linked pseudogene (LOC143543) on chromosome
"PREDICTED: Homo sapiens hypothetical protein LOC143666 (LOC143666), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC143678 (LOC143678), mRNA."
"PREDICTED: Homo sapiens similar to Interferon-induced transmembrane protein 3 (Interferon-
"PREDICTED: Homo sapiens hypothetical protein LOC144481, transcript variant 1 (LOC144481
"PREDICTED: Homo sapiens hypothetical protein LOC145783, transcript variant 2 (LOC145783
"PREDICTED: Homo sapiens hypothetical LOC145853 (LOC145853), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC146177 (LOC146177), misc RNA."
"PREDICTED: Homo sapiens hypothetical LOC146439 (LOC146439), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC146517 (LOC146517), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC147645 (LOC147645), mRNA."
"Homo sapiens hypothetical protein LOC147650 (LOC147650), mRNA."
"Homo sapiens hypothetical LOC147727 (LOC147727), non-coding RNA."
"Homo sapiens hypothetical protein BC017947 (LOC148137), mRNA."
"Homo sapiens hypothetical LOC148413 (LOC148413), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC148430), miscRNA."
"Homo sapiens actin pseudogene (LOC148709), non-coding RNA."
"PREDICTED: Homo sapiens similar to Nonhistone chromosomal protein HMG-17 (High-mobilit
"PREDICTED: Homo sapiens hypothetical protein LOC149086 (LOC149086), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S7 (S8) (LOC149224), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC149448 (LOC149448), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC149837 (LOC149837), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC150051 (LOC150051), mRNA."
"Homo sapiens hypothetical protein LOC150223 (LOC150223), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC150577 (LOC150577), mRNA."
"Homo sapiens hypothetical protein LOC150763 (LOC150763), mRNA."
"Homo sapiens hypothetical LOC151162 (LOC151162), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC151234 (LOC151234), mRNA."
"Homo sapiens hypothetical LOC151300 (LOC151300), transcript variant 2, non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC151457), miscRNA."
"PREDICTED: Homo sapiens similar to basic leucine zipper and W2 domains 1 (LOC151579), r
"PREDICTED: Homo sapiens misc_RNA (LOC152024), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC152084 (LOC152084), mRNA."
"Homo sapiens hypothetical protein LOC152195 (LOC152195), mRNA."
"Homo sapiens hypothetical LOC152217 (LOC152217), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC152845), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC153561 (LOC153561), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC153684), miscRNA."
"Homo sapiens hypothetical LOC154761 (LOC154761), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC154860 (LOC154860), mRNA."

"Homo sapiens hypothetical protein LOC155060 (LOC155060), mRNA."
"Homo sapiens hypothetical protein LOC158160 (LOC158160), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC158257 (LOC158257), mRNA."
"Homo sapiens similar to hypothetical protein MGC42630 (LOC158318), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC158825 (LOC158825), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC161527, transcript variant 1 (LOC161527
"Homo sapiens selenophosphate synthetase pseudogene (LOC168474), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC197135, transcript variant 5 (LOC197135), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC199800 (LOC199800), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC199897 (LOC199897), mRNA."
"Homo sapiens neuroblastoma breakpoint family, member 11-like (LOC200030), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC200493 (LOC200493), mRNA."
"PREDICTED: Homo sapiens similar to CG7601-PA (LOC201140), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC201229, transcript variant 3 (LOC201229
"Homo sapiens hypothetical protein LOC201725 (LOC201725), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC202051, transcript variant 3 (LOC202051
"PREDICTED: Homo sapiens hypothetical protein LOC202181 (LOC202181), misc RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC202227), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC202781 (LOC202781), mRNA."
"PREDICTED: Homo sapiens similar to high-mobility group box 3 (LOC203510), mRNA."
"Homo sapiens hypothetical protein LOC203547 (LOC203547), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC205251), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC219347 (LOC219347), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC220077), miscRNA."
"Homo sapiens TPTE and PTEN homologous inositol lipid phosphatase pseudogene (LOC2201
"Homo sapiens similar to Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) (LOC
"Homo sapiens hypothetical protein LOC220686 (LOC220686), mRNA."
"PREDICTED: Homo sapiens similar to Protein C21orf59 (LOC220998), mRNA."
"PREDICTED: Homo sapiens similar to CG4835-PA (LOC221136), mRNA."
"Homo sapiens hypothetical protein LOC221442 (LOC221442), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC221710 (LOC221710), mRNA."
"Homo sapiens transducer of ERBB2, 2 pseudogene (LOC222699), non-coding RNA."
"Homo sapiens hypothetical LOC253039 (LOC253039), non-coding RNA."
"PREDICTED: Homo sapiens similar to Oligophrenin 1 (LOC254398), mRNA."
"Homo sapiens hypothetical LOC255167 (LOC255167), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC255326 (LOC255326), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC255411, transcript variant 1 (LOC255411), mRN
"PREDICTED: Homo sapiens similar to unc-93 homolog B1, transcript variant 1 (LOC255620), r
"PREDICTED: Homo sapiens hypothetical LOC255649 (LOC255649), mRNA."
"Homo sapiens hypothetical protein LOC255783 (LOC255783), non-coding RNA."
"PREDICTED: Homo sapiens similar to peptidylprolyl isomerase A isoform 1 (LOC256374), mRI
"PREDICTED: Homo sapiens similar to D-2-hydroxyglutarate dehydrogenase (LOC257054), mR
"PREDICTED: Homo sapiens hypothetical protein LOC257396, transcript variant 2 (LOC257396
"Homo sapiens hypothetical LOC25845 (LOC25845), non-coding RNA."

"PREDICTED: Homo sapiens misc_RNA (LOC282997), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC283104 (LOC283104), mRNA."
"PREDICTED: Homo sapiens similar to ring finger protein 18 (LOC283116), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 75, transcript variant 2 (LOC283202),
"Homo sapiens hypothetical LOC283267 (LOC283267), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC283278 (LOC283278), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC283314), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC283332), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L13a, transcript variant 4 (LOC28334(
"PREDICTED: Homo sapiens similar to hCG1791842, transcript variant 1 (LOC283398), mRNA.
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L29 (Cell surface heparin-binding
"PREDICTED: Homo sapiens hypothetical LOC283440 (LOC283440), mRNA."
"Homo sapiens hypothetical LOC283663 (LOC283663), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC283682 (LOC283682), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC283683, transcript variant 2 (LOC283683
"PREDICTED: Homo sapiens hypothetical LOC283710 (LOC283710), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC283867, transcript variant 2 (LOC283867
"Homo sapiens hypothetical protein LOC283874 (LOC283874), mRNA."
"Homo sapiens hypothetical protein LOC283932 (LOC283932), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC283953 (LOC283953), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC284023, transcript variant 3 (LOC284023
"PREDICTED: Homo sapiens hypothetical protein LOC284100 (LOC284100), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC284167), miscRNA."
"PREDICTED: Homo sapiens similar to mCG7611 (LOC284230), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC011527; BC021928; BC01152
"PREDICTED: Homo sapiens hypothetical protein LOC284274 (LOC284274), mRNA."
"PREDICTED: Homo sapiens similar to Placental thrombin inhibitor (Cytoplasmic antiproteinase
"PREDICTED: Homo sapiens hypothetical protein LOC284371, transcript variant 4 (LOC284371
"PREDICTED: Homo sapiens similar to QM protein, transcript variant 2 (LOC284393), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC284395 (LOC284395), mRNA."
"PREDICTED: Homo sapiens similar to HSPC323 (LOC284422), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC284648 (LOC284648), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC284688), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC284801 (LOC284801), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L13a (LOC284821), mRNA."
"Homo sapiens hypothetical protein LOC284837 (LOC284837), mRNA."
"Homo sapiens hypothetical gene supported by BC039313 (LOC284861), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC284988 (LOC284988), mRNA."
"Homo sapiens hypothetical protein LOC285016 (LOC285016), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285033 (LOC285033), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC285047 (LOC285047), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L18a, transcript variant 1 (LOC285053
"Homo sapiens hypothetical protein LOC285074 (LOC285074), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L10 (LOC285176), mRNA."

"Homo sapiens hypothetical LOC285205 (LOC285205), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285216 (LOC285216), mRNA."
"PREDICTED: Homo sapiens similar to hCG2036843 (LOC285296), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285346 (LOC285346), mRNA."
"PREDICTED: Homo sapiens similar to beta-1,4-mannosyltransferase (LOC285407), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC285412), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285484 (LOC285484), mRNA."
"Homo sapiens hypothetical protein LOC285501 (LOC285501), mRNA."
"Homo sapiens hypothetical LOC285548 (LOC285548), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285556 (LOC285556), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285577 (LOC285577), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC285588 (LOC285588), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285620 (LOC285620), mRNA."
"PREDICTED: Homo sapiens similar to Transcription initiation factor TFIID subunit 11 (Transcrip
"PREDICTED: Homo sapiens misc_RNA (LOC285741), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC285804 (LOC285804), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L6 (TAX-responsive enhancer ele
"Homo sapiens hypothetical protein LOC285908 (LOC285908), mRNA."
"PREDICTED: Homo sapiens similar to matrilin 2 precursor, transcript variant 1 (LOC285929), n
"PREDICTED: Homo sapiens hypothetical protein LOC285941, transcript variant 1 (LOC285941
"PREDICTED: Homo sapiens hypothetical protein LOC285943 (LOC285943), miscRNA."
"Homo sapiens triosephosphate isomerase 1 pseudogene (LOC286016), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC286208, transcript variant 1 (LOC286208
"PREDICTED: Homo sapiens hypothetical protein LOC286260 (LOC286260), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC286297, transcript variant 1 (LOC286297
"Homo sapiens FP944 (LOC286367), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC286456), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC286467 (LOC286467), misc RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC286512), miscRNA."
"PREDICTED: Homo sapiens similar to Ssu72 RNA polymerase II CTD phosphatase homolog (
"PREDICTED: Homo sapiens hypothetical protein LOC338588 (LOC338588), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC338758 (LOC338758), mRNA."
"PREDICTED: Homo sapiens hypothetical locus LOC338799, transcript variant 3 (LOC338799),
"PREDICTED: Homo sapiens misc_RNA (LOC338870), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC339192 (LOC339192), mRNA."
"PREDICTED: Homo sapiens similar to hCG2045603 (LOC339209), mRNA."
"Homo sapiens hypothetical LOC339290 (LOC339290), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC339352), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC339483), miscRNA."
"Homo sapiens hypothetical protein LOC339524 (LOC339524), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC339778 (LOC339778), mRNA."
"Homo sapiens hypothetical LOC339788 (LOC339788), non-coding RNA."
"PREDICTED: Homo sapiens similar to eukaryotic translation initiation factor 3, subunit 5 epsilo
"PREDICTED: Homo sapiens hypothetical gene supported by AK075484; BC014578 (LOC3398

"PREDICTED: Homo sapiens similar to beta-1,4-mannosyltransferase (LOC339879), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC339970), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC340221), miscRNA."
"PREDICTED: Homo sapiens similar to Unc4.1 homeobox (LOC340260), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC340274), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC340515 (LOC340515), mRNA."
"Homo sapiens similar to poly(A)binding protein, cytoplasmic 1 (LOC340529), mRNA."
"PREDICTED: Homo sapiens similar to testis-specific histone 2a (LOC340549), mRNA."
"PREDICTED: Homo sapiens similar to Tryptophanyl-tRNA synthetase (Tryptophan--tRNA ligas
"PREDICTED: Homo sapiens misc_RNA (LOC341230), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC341315), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC341346 (LOC341346), mRNA."
"PREDICTED: Homo sapiens similar to peptidylprolyl isomerase A isoform 1 (LOC341457), mRI
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L35 (LOC341604), mRNA."
"PREDICTED: Homo sapiens similar to Fumarate hydratase, mitochondrial precursor (Fumarase
"PREDICTED: Homo sapiens misc_RNA (LOC341784), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC341965), miscRNA."
"PREDICTED: Homo sapiens similar to hCG18626 (LOC342293), mRNA."
"PREDICTED: Homo sapiens similar to peptidyl-Pro cis trans isomerase (LOC342541), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger and SCAN domain containing 5 (LOC342934
"PREDICTED: Homo sapiens hypothetical LOC342979 (LOC342979), mRNA."
"PREDICTED: Homo sapiens similar to putative neuronal cell adhesion molecule (LOC343052),
"PREDICTED: Homo sapiens similar to zinc finger protein 135 (clone pHZ-17) (LOC344065), mI
"PREDICTED: Homo sapiens misc_RNA (LOC344328), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC344405 (LOC344405), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC344423 (LOC344423), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC344593), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC344595 (LOC344595), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC345041), miscRNA."
"PREDICTED: Homo sapiens similar to fibrillarin (LOC345630), mRNA."
"PREDICTED: Homo sapiens similar to hCG2002932 (LOC345645), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 16 (monocarboxylic acid transporter
"PREDICTED: Homo sapiens misc_RNA (LOC347281), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L36 (LOC347292), mRNA."
"PREDICTED: Homo sapiens similar to WW domain binding protein 11 (LOC347364), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L18a (LOC347544), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC348021 (LOC348021), mRNA."
"Homo sapiens hypothetical LOC348840 (LOC348840), non-coding RNA."
"Homo sapiens similar to hypothetical testis protein from macaque (LOC352909), transcript varia
"PREDICTED: Homo sapiens misc_RNA (LOC360030), miscRNA."
"Homo sapiens similar to RIKEN cDNA 1810059G22 (LOC374395), mRNA."
"Homo sapiens CLR pseudogene (LOC374443), non-coding RNA. XR_001315"
"Homo sapiens hypothetical protein LOC374768 (LOC374768), mRNA."
"PREDICTED: Homo sapiens LOC374973 (LOC374973), mRNA."

"PREDICTED: Homo sapiens hypothetical gene supported by BC013438 (LOC375295), mRNA.
"Homo sapiens RAD26L hypothetical protein (LOC375748), mRNA."
"PREDICTED: Homo sapiens CXYorf1-related protein, transcript variant 1 (LOC376475), mRNA
"PREDICTED: Homo sapiens hypothetical LOC387683 (LOC387683), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC387686 (LOC387686), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC387701 (LOC387701), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC387703), miscRNA."
"Homo sapiens hypothetical gene supported by AK127642 (LOC387720), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC387723 (LOC387723), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L21, transcript variant 1 (LOC387
"PREDICTED: Homo sapiens hypothetical LOC387762 (LOC387762), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC387763 (LOC387763), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC387770), miscRNA."
"Homo sapiens hypothetical LOC387790 (LOC387790), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC387791), miscRNA."
"PREDICTED: Homo sapiens similar to DnaJ (Hsp40) homolog, subfamily B, member 6 isoform
"PREDICTED: Homo sapiens misc_RNA (LOC387825), miscRNA."
"Homo sapiens similar to expressed sequence AI836003 (LOC387856), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin rece
"PREDICTED: Homo sapiens similar to mCG112958 (LOC387876), mRNA."
"Homo sapiens hypothetical protein (LOC387882), mRNA."
"PREDICTED: Homo sapiens similar to hCG1652305 (LOC387885), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC387924), miscRNA."
"PREDICTED: Homo sapiens similar to Fatty acid-binding protein, epidermal (E-FABP) (Psorias
"PREDICTED: Homo sapiens similar to hCG2045417 (LOC387939), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC387941 (LOC387941), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC388002 (LOC388002), mRNA."
"PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily A member 2 (Golgi
"PREDICTED: Homo sapiens hypothetical LOC388122 (LOC388122), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC388152), miscRNA."
"PREDICTED: Homo sapiens similar to CG15828-PA, isoform A (LOC388210), mRNA."
"Homo sapiens coiled-coil domain containing 101 pseudogene (LOC388242), non-coding RNA.'
"PREDICTED: Homo sapiens misc_RNA (LOC388248), miscRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC388255
"PREDICTED: Homo sapiens similar to Kinase suppressor of ras-1 (Kinase suppressor of ras) (
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-des
"PREDICTED: Homo sapiens hypothetical LOC388276, transcript variant 1 (LOC388276), mRN
"PREDICTED: Homo sapiens hypothetical LOC388279 (LOC388279), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC388312 (LOC388312), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein, transcript variant 4 (LOC388339), mR
"PREDICTED: Homo sapiens hypothetical LOC388381 (LOC388381), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 600 (LOC388559), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC052596 (LOC388564), mRNA.
"PREDICTED: Homo sapiens hypothetical LOC388588, transcript variant 2 (LOC388588), mRN

"PREDICTED: Homo sapiens similar to laminin receptor 1 (ribosomal protein SA) (LOC388654),
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein isoform 1 (LO
"Homo sapiens hypothetical gene supported by AK123662 (LOC388692), mRNA."
"PREDICTED: Homo sapiens similar to calpain 8, transcript variant 5 (LOC388743), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC388755 (LOC388755), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AF147354 (LOC388789), mRNA.
"Homo sapiens hypothetical LOC388796 (LOC388796), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC388813 (LOC388813), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC039496 (LOC388906), mRNA.
"Homo sapiens PX19 protein pseudogene (LOC388955), non-coding RNA."
"PREDICTED: Homo sapiens similar to short-chain dehydrogenase/reductase 1 (LOC388963), r
"Homo sapiens similar to hepatitis C virus core-binding protein 6; cervical cancer oncogene 3 (L
"Homo sapiens hypothetical LOC388969 (LOC388969), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC389049), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC389053), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC389072, transcript variant 3 (LOC389072
"PREDICTED: Homo sapiens similar to ribosomal protein L23a (LOC389101), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC389111 (LOC389111), mRNA."
"Homo sapiens VLLR9392 (LOC389118), mRNA."
"PREDICTED: Homo sapiens similar to IQ motif containing F1 (LOC389124), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC389137, transcript variant 2 (LOC389137), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC389168), miscRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC032431 (LOC389203), mRNA.
"Homo sapiens similar to FKSG62 (LOC389286), mRNA."
"PREDICTED: Homo sapiens similar to HESB like domain containing 2, transcript variant 1 (LO
"PREDICTED: Homo sapiens misc_RNA (LOC389322), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC389328 (LOC389328), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC389333 (LOC389333), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC389362 (LOC389362), misc RNA."
"PREDICTED: Homo sapiens hypothetical LOC389365 (LOC389365), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC389386), partial miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC389404), miscRNA."
"PREDICTED: Homo sapiens similar to Neurogenic locus Notch protein precursor (LOC389405)
"PREDICTED: Homo sapiens hypothetical LOC389422 (LOC389422), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC389442 (LOC389442), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC389457 (LOC389457), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC389465), miscRNA."
"Homo sapiens similar to Williams Beuren syndrome chromosome region 19 (LOC389517), mR
"PREDICTED: Homo sapiens similar to amyotrophic lateral sclerosis 2 (juvenile) chromosome re
"PREDICTED: Homo sapiens hypothetical LOC389607 (LOC389607), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC389633, transcript variant 1 (LOC389633), mRN
"Homo sapiens hypothetical LOC389634 (LOC389634), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK124295 (LOC389641), mRNA.
"PREDICTED: Homo sapiens similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin rece

"PREDICTED: Homo sapiens similar to Ribosome biogenesis protein BMS1 homolog (LOC3897
"Homo sapiens hypothetical gene supported by AK094537 (LOC389791), mRNA."
"PREDICTED: Homo sapiens cytokeratin associated protein (LOC389816), mRNA."
"PREDICTED: Homo sapiens similar to Tektin-3, transcript variant 1 (LOC389830), mRNA."
"Homo sapiens hypothetical gene supported by AK123403 (LOC389834), mRNA."
"PREDICTED: Homo sapiens similar to Ran-specific GTPase-activating protein (Ran-binding pro
"PREDICTED: Homo sapiens misc_RNA (LOC389873), miscRNA."
"PREDICTED: Homo sapiens similar to CG4768-PA (LOC389895), mRNA."
"PREDICTED: Homo sapiens similar to ATP-dependent DNA helicase II, 70 kDa subunit (Lupus
"PREDICTED: Homo sapiens similar to Extracellular matrix protein 2 precursor (Matrix glycoprot
"Homo sapiens similar to proline-rich proteoglycan 2 (LOC389936), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC390183), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein (LOC390259), mRNA."
"PREDICTED: Homo sapiens similar to translocase of inner mitochondrial membrane 17 homolo
"PREDICTED: Homo sapiens misc_RNA (LOC390345), miscRNA."
"PREDICTED: Homo sapiens similar to small nuclear ribonucleoprotein D2 (LOC390349), mRNA
"PREDICTED: Homo sapiens similar to TBP-associated factor 15 isoform 1 (LOC390427), mRN
"PREDICTED: Homo sapiens similar to SMT3 suppressor of mif two 3 homolog 2 (LOC390466)
"PREDICTED: Homo sapiens similar to Ig heavy chain V-I region HG3 precursor (LOC390530),
"PREDICTED: Homo sapiens similar to cholinergic receptor, nicotinic, beta polypeptide 4 (LOC3
"PREDICTED: Homo sapiens similar to hect domain and RLD 2 (LOC390551), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC390557 (LOC390557), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC390578), miscRNA."
"PREDICTED: Homo sapiens similar to ATP-binding cassette, sub-family A (ABC1), member 17
"Homo sapiens CDC37-like (LOC390688), mRNA."
"PREDICTED: Homo sapiens similar to protein phosphatase 2A 48 kDa regulatory subunit isofo
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC390712
"PREDICTED: Homo sapiens hypothetical LOC390829 (LOC390829), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC390834), miscRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L29 (P23) (LOC390856), mRNA."
"Homo sapiens ACYL3 pseudogene (LOC390858), non-coding RNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L35 (LOC390876), mRNA."
"PREDICTED: Homo sapiens similar to adenylate kinase 5 (LOC390877), mRNA."
"PREDICTED: Homo sapiens similar to SH3-binding kinase (LOC390975), mRNA."
"PREDICTED: Homo sapiens similar to Butyrophilin subfamily 1 member A1 precursor (BT) (LO
"PREDICTED: Homo sapiens misc_RNA (LOC391044), miscRNA."
"PREDICTED: Homo sapiens similar to Solute carrier family 2, facilitated glucose transporter me
"PREDICTED: Homo sapiens misc_RNA (LOC391073), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391075), miscRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L27a (LOC391124), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391135), miscRNA."
"PREDICTED: Homo sapiens similar to GRB2-related adapter protein (LOC391157), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391169), miscRNA."
"PREDICTED: Homo sapiens similar to Dickkopf-like protein 1 precursor (Soggy-1 protein) (SGY

"PREDICTED: Homo sapiens similar to D-dopachrome tautomerase (Phenylpyruvate tautomera
"PREDICTED: Homo sapiens similar to hCG1818387 (LOC391370), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region Walker precursor (LOC39142
"PREDICTED: Homo sapiens hypothetical LOC391429 (LOC391429), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391532), miscRNA."
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC391555), mRNA."
"PREDICTED: Homo sapiens similar to abnormal embryonic PARtitioning of cytoplasm family m
"PREDICTED: Homo sapiens misc_RNA (LOC391578), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391592), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391655), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1640454 (LOC391656), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391670), miscRNA."
"PREDICTED: Homo sapiens similar to tubulin, beta 8 (LOC391692), mRNA."
"PREDICTED: Homo sapiens similar to Keratin, type I cytoskeletal 18 (Cytokeratin-18) (CK-18) (
"PREDICTED: Homo sapiens similar to TBP-associated factor 11 (LOC391746), mRNA."
"PREDICTED: Homo sapiens similar to hCG1989915 (LOC391764), mRNA."
"PREDICTED: Homo sapiens similar to HIStone family member (his-72) (LOC391769), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC391777), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1643655 (LOC391810), mRNA."
"PREDICTED: Homo sapiens similar to DNA polymerase delta subunit 2 (DNA polymerase delta
"PREDICTED: Homo sapiens misc_RNA (LOC391833), miscRNA."
"Homo sapiens deubiquitinating enzyme 3 pseudogene (LOC392196), non-coding RNA."
"PREDICTED: Homo sapiens similar to deubiquitinating enzyme 3 (LOC392197), mRNA."
"PREDICTED: Homo sapiens similar to Coiled-coil-helix-coiled-coil-helix domain-containing prot
"PREDICTED: Homo sapiens misc_RNA (LOC392264), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC392285), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC392301), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1811022 (LOC392435), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC392437), miscRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L32 (LOC392447), mRNA."
"PREDICTED: Homo sapiens similar to hCG29146 (LOC392459), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC392583 (LOC392583), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC392635), miscRNA."
"PREDICTED: Homo sapiens similar to PMS1 protein homolog 2 (DNA mismatch repair protein
"PREDICTED: Homo sapiens misc_RNA (LOC392787), miscRNA."
"PREDICTED: Homo sapiens similar to IQ motif containing with AAA domain, transcript variant 1
"PREDICTED: Homo sapiens misc_RNA (LOC392871), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L18 (LOC392979), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC393076), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC399491), miscRNA."
"PREDICTED: Homo sapiens FLJ46311 protein (LOC399715), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC399744 (LOC399744), mRNA."
"PREDICTED: Homo sapiens similar to ARP3 actin-related protein 3 homolog B (LOC399746), r
"PREDICTED: Homo sapiens misc_RNA (LOC399748), miscRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC399804), miscRNA."
"PREDICTED: Homo sapiens similar to chromosome 10 open reading frame 88; Em:AC073585
"PREDICTED: Homo sapiens FLJ43861 protein (LOC399829), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC065704 (LOC399888), mRNA.
"Homo sapiens hypothetical gene supported by AK093779 (LOC399900), mRNA."
"PREDICTED: Homo sapiens similar to ring finger protein 18 (LOC399939), mRNA."
"PREDICTED: Homo sapiens similar to Tubulin alpha-2 chain (Alpha-tubulin 2), transcript variar
"PREDICTED: Homo sapiens misc_RNA (LOC399965), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC399988), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC400013), miscRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC047417, transcript variant 2 (L
"PREDICTED: Homo sapiens misc_RNA (LOC400061), miscRNA."
"Homo sapiens hypothetical LOC400120 (LOC400120), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400163 (LOC400163), mRNA."
"PREDICTED: Homo sapiens similar to single stranded DNA binding protein 3 (LOC400174), m
"PREDICTED: Homo sapiens hypothetical LOC400236 (LOC400236), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400388 (LOC400388), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC400403), miscRNA."
"PREDICTED: Homo sapiens similar to ADAM metallopeptidase with thrombospondin type 1 mo
"PREDICTED: Homo sapiens misc_RNA (LOC400446), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC400455 (LOC400455), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC040875 (LOC400456), mRNA.
"Homo sapiens similar to FLJ43276 protein (LOC400464), mRNA."
"Homo sapiens similar to TSG118.1 (LOC400506), mRNA."
"PREDICTED: Homo sapiens FLJ44904 protein (LOC400553), mRNA."
"PREDICTED: Homo sapiens FLJ27068 protein (LOC400558), mRNA."
"PREDICTED: Homo sapiens GRB2-related adaptor protein-like (LOC400581), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400590 (LOC400590), misc RNA."
"Homo sapiens hypothetical gene supported by BC036588 (LOC400657), mRNA."
"Homo sapiens eosinophil lysophospholipase-like (LOC400696), mRNA."
"PREDICTED: Homo sapiens zinc finger-like, transcript variant 3 (LOC400713), misc RNA."
"PREDICTED: Homo sapiens similar to Zinc finger protein 418 (LOC400721), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC400750), miscRNA."
Homo sapiens similar to Interferon-induced guanylate-binding protein 1 (GTP-binding protein 1)
"PREDICTED: Homo sapiens hypothetical LOC400768 (LOC400768), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400793, transcript variant 2 (LOC400793), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC400836), miscRNA."
"PREDICTED: Homo sapiens similar to PRED4 (LOC400858), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400879, transcript variant 2 (LOC400879), mRN
"PREDICTED: Homo sapiens hypothetical LOC400890 (LOC400890), mRNA."
"PREDICTED: Homo sapiens similar to CG33774-PA (LOC400948), mRNA."
"PREDICTED: Homo sapiens similar to echinoderm microtubule associated protein like 5, transc
"PREDICTED: Homo sapiens hypothetical LOC400958 (LOC400958), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC400963 (LOC400963), mRNA."

"PREDICTED: Homo sapiens similar to Ankyrin repeat domain 36 (LOC400987), mRNA."
"PREDICTED: Homo sapiens similar to single-stranded DNA-binding protein isoform a (LOC401
"Homo sapiens nucleolar complex associated 2 homolog (S. cerevisiae) pseudogene (LOC4010
"Homo sapiens hypothetical LOC401052 (LOC401052), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401056 (LOC401056), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401068 (LOC401068), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401076), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC401093 (LOC401093), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401098), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC401101 (LOC401101), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC038466; BC062790 (LOC4011
"PREDICTED: Homo sapiens misc_RNA (LOC401127), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401131), miscRNA."
"Homo sapiens HCV F-transactivated protein 1 (LOC401152), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AY494056 (LOC401164), mRNA.
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S25 (LOC401206), mRNA."
"PREDICTED: Homo sapiens similar to CG31232-PA, isoform A (LOC401218), mRNA."
"PREDICTED: Homo sapiens similar to HIV TAT specific factor 1; cofactor required for Tat activ
"PREDICTED: Homo sapiens hypothetical LOC401237 (LOC401237), mRNA."
"PREDICTED: Homo sapiens similar to interferon stimulated exonuclease gene 20kDa-like 2 (L
"PREDICTED: Homo sapiens misc_RNA (LOC401242), miscRNA."
"Homo sapiens hypothetical gene supported by AK123889 (LOC401252), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401284 (LOC401284), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401317 (LOC401317), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401321 (LOC401321), mRNA."
"Homo sapiens hypothetical LOC401357 (LOC401357), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC401397 (LOC401397), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401433), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC401442 (LOC401442), mRNA."
"PREDICTED: Homo sapiens similar to PRO2738 (LOC401497), mRNA."
"PREDICTED: Homo sapiens similar to CDK2-associated protein 2 (LOC401525), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401561), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401640), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401648), miscRNA."
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC401650), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401676), miscRNA."
"PREDICTED: Homo sapiens similar to SERTA domain containing 4 (LOC401778), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401805), partial miscRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-II region SESS precursor (LOC401845
"PREDICTED: Homo sapiens similar to hCG1793095 (LOC401847), mRNA."
"PREDICTED: Homo sapiens similar to insulinoma protein (rig) (LOC401895), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC401980), miscRNA."
"Homo sapiens similar to 40S ribosomal protein S17 (LOC402057), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC402066 (LOC402066), mRNA."

"PREDICTED: Homo sapiens similar to chromosome 6 open reading frame 106 isoform a (LOC
"PREDICTED: Homo sapiens misc_RNA (LOC402112), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC402116), miscRNA."
"PREDICTED: Homo sapiens similar to A-kinase anchor protein 5 (A-kinase anchor protein 150
"PREDICTED: Homo sapiens misc_RNA (LOC402175), miscRNA."
"PREDICTED: Homo sapiens similar to selenophosphate synthetase 2 (LOC402198), mRNA."
"PREDICTED: Homo sapiens similar to actin alpha 1 skeletal muscle protein (LOC402221), mR
"PREDICTED: Homo sapiens similar to eukaryotic translation elongation factor 1 alpha 2 (LOC4
"PREDICTED: Homo sapiens similar to solute carrier family 29 (nucleoside transporters), memb
"PREDICTED: Homo sapiens similar to GrpE protein homolog 1, mitochondrial precursor (Mt-Gr
"PREDICTED: Homo sapiens similar to UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, pc
"PREDICTED: Homo sapiens hypothetical LOC402483 (LOC402483), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 29 (nucleoside transporters), memb
"PREDICTED: Homo sapiens similar to gap junction protein, epsilon 1, 29kDa (LOC402571), mR
"PREDICTED: Homo sapiens tropomyosin 3-like (LOC402643), misc RNA."
"PREDICTED: Homo sapiens similar to opioid binding protein/cell adhesion molecule-like (LOC4
"PREDICTED: Homo sapiens similar to Serine/threonine-protein kinase MARK2 (MAP/microtubu
"Homo sapiens similar to ribosomal protein L15 (LOC402694), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 2 pseudogene (LOC407835), non-codir
"PREDICTED: Homo sapiens hypothetical gene supported by AY007155 (LOC439949), mRNA.
"PREDICTED: Homo sapiens misc_RNA (LOC439950), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC439951 protein (LOC439951), misc RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC439953), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC439994), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440015), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440027), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440031), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440043), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S12 (LOC440055), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440061), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440063), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC440092 (LOC440092), mRNA."
"Homo sapiens histone H3-like (LOC440093), mRNA."
"PREDICTED: Homo sapiens similar to RIKEN cDNA 1110012D08 (LOC440104), mRNA."
"Homo sapiens similar to RIKEN cDNA 2410129H14 (LOC440145), mRNA."
"Homo sapiens hypothetical gene supported by AK096951; BC066547 (LOC440157), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440160 (LOC440160), mRNA."
"PREDICTED: Homo sapiens similar to breast cancer anti-estrogen resistance 1 (LOC440226),
"PREDICTED: Homo sapiens hypothetical LOC440277 (LOC440277), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440291 (LOC440291), mRNA."
"PREDICTED: Homo sapiens similar to hCG1731366 (LOC440292), mRNA."
"Homo sapiens hypothetical gene supported by AK127131 (LOC440313), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440334 (LOC440334), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC022385; BC035868; BC04832

"PREDICTED: Homo sapiens similar to nuclear pore complex interacting protein, transcript varia
"Homo sapiens similar to nuclear pore complex interacting protein (LOC440350), mRNA."
"Homo sapiens nuclear pore complex interacting protein pseudogene (LOC440353), non-coding
"PREDICTED: Homo sapiens hypothetical gene supported by AK131031; BC070380, transcript
"PREDICTED: Homo sapiens similar to muscle Y-box protein YB2 (LOC440359), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440366), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC440386 (LOC440386), miscRNA."
"Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing prote
"PREDICTED: Homo sapiens hypothetical LOC440402 (LOC440402), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 286 (LOC440407), mRNA."
"PREDICTED: Homo sapiens hypothetical protein FLJ11822 (LOC440434), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 16, member 6 (LOC440459), miscR
"PREDICTED: Homo sapiens misc_RNA (LOC440461), miscRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK001829 (LOC440498), mRNA.
"Homo sapiens similar to RIKEN cDNA 2310076L09 (LOC440503), mRNA."
"PREDICTED: Homo sapiens similar to liver and lymph node sinusoidal endothelial cell C-type l
"PREDICTED: Homo sapiens similar to Golgin subfamily A member 8A/B (Golgi autoantigen gol
"PREDICTED: Homo sapiens similar to myosin XV (LOC440551), mRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein C-like (LOC440563), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S2, transcript variant 3 (LOC440589),
"PREDICTED: Homo sapiens hypothetical LOC440687 (LOC440687), mRNA."
"PREDICTED: Homo sapiens similar to titin isoform N2-A (LOC440706), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440731, transcript variant 2 (LOC440731), mRN
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S15 (RIG protein) (LOC440733),
"PREDICTED: Homo sapiens hypothetical LOC440748 (LOC440748), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440776 (LOC440776), mRNA."
"PREDICTED: Homo sapiens similar to active BCR-related gene isoform 1 (LOC440820), mRNA
"PREDICTED: Homo sapiens transmembrane protein 46-like (LOC440829), mRNA."
"Homo sapiens similar to MGC52679 protein (LOC440836), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC440848 (LOC440848), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by BC040724 (LOC440864), mRNA.
"PREDICTED: Homo sapiens similar to Ig kappa chain V-III region VH precursor (LOC440871),
"PREDICTED: Homo sapiens LIM and senescent cell antigen-like domains 3-like, transcript vari
"PREDICTED: Homo sapiens hypothetical LOC440900 (LOC440900), mRNA."
"PREDICTED: Homo sapiens similar to 14-3-3 protein epsilon (14-3-3E) (Mitochondrial import st
"Homo sapiens H3 histone, family 3A pseudogene (LOC440926), non-coding RNA."
"PREDICTED: Homo sapiens similar to 60S acidic ribosomal protein P1, transcript variant 4 (LO
"PREDICTED: Homo sapiens hypothetical LOC440928 (LOC440928), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440934), miscRNA."
"Homo sapiens similar to CG32736-PA (LOC440957), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC440991), miscRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S20 (LOC440992), mRNA."
"Homo sapiens hypothetical gene supported by AK128346 (LOC440993), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 75 (LOC441007), mRNA."

"PREDICTED: Homo sapiens hypothetical LOC441009 (LOC441009), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441019 (LOC441019), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L7a (LOC441034), mRNA."
"Homo sapiens glucuronidase, beta pseudogene (LOC441046), non-coding RNA."
"PREDICTED: Homo sapiens similar to unactive progesterone receptor, 23 kD (LOC441050), m
"PREDICTED: Homo sapiens hypothetical protein LOC441054 (LOC441054), mRNA."
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC441056), mRNA."
"PREDICTED: Homo sapiens similar to membrane-associated ring finger (C3HC4) 4 (LOC4410
"PREDICTED: Homo sapiens misc_RNA (LOC441073), miscRNA."
"Homo sapiens hypothetical gene supported by AK125735 (LOC441087), mRNA."
"Homo sapiens CRSP8 pseudogene (LOC441089), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC441097 (LOC441097), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441119 (LOC441119), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441124 (LOC441124), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441131), miscRNA."
"PREDICTED: Homo sapiens similar to RIKEN cDNA 2310039H08 (LOC441150), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK055887; AK125190 (LOC4411
"PREDICTED: Homo sapiens similar to hypothetical protein FLJ10307 (LOC441191), misc RNA
"Homo sapiens similar to zinc finger protein 469 (LOC441193), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 655 isoform a (LOC441196), mRNA."
"PREDICTED: Homo sapiens chaperonin containing TCP1, subunit 6A (zeta 1)-like (LOC44124
"PREDICTED: Homo sapiens misc_RNA (LOC441242), miscRNA."
"PREDICTED: Homo sapiens nuclear envelope pore membrane LOC441253, transcript variant
"PREDICTED: Homo sapiens similar to aldo-keto reductase family 1, member B10, transcript va
"PREDICTED: Homo sapiens similar to family with sequence similarity 9, member C (LOC4413
"PREDICTED: Homo sapiens hypothetical LOC441378 (LOC441378), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441408, transcript variant 1 (LOC441408), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC441420), miscRNA."
"PREDICTED: Homo sapiens similar to RIKEN cDNA 4930532L20 (LOC441436), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441453), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC441454 (LOC441454), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441455), miscRNA."
"Homo sapiens similar to bA255A11.3 (novel protein similar to KIAA1074) (LOC441459), mRNA
"PREDICTED: Homo sapiens hypothetical gene supported by BC030123 (LOC441461), mRNA.
"PREDICTED: Homo sapiens misc_RNA (LOC441481), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441484), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441487), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441505), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441506), miscRNA."
"PREDICTED: Homo sapiens similar to mitofusin 1 (LOC441511), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC441528 (LOC441528), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441533), miscRNA."
"PREDICTED: Homo sapiens similar to dual specificity phosphatase 8 (LOC441554), mRNA."
"PREDICTED: Homo sapiens similar to Protein C11orf2 (Another new gene 2 protein) (LOC441

"PREDICTED: Homo sapiens similar to ribosomal protein L13a, transcript variant 3 (LOC441632
"PREDICTED: Homo sapiens similar to hCG27427 (LOC441642), mRNA."
"PREDICTED: Homo sapiens similar to CXXC finger 6 (LOC441662), mRNA."
"Homo sapiens zinc finger protein 91 pseudogene (LOC441666), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441714), miscRNA."
"PREDICTED: Homo sapiens golgin-like (LOC441728), miscRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein DKFZp434I1020 (LOC441734), par
"PREDICTED: Homo sapiens similar to CG7467-PA, isoform A (LOC441762), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC441763 (LOC441763), mRNA."
"PREDICTED: Homo sapiens similar to Group X secretory phospholipase A2 precursor (Phosph
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L18 (LOC441775), mRNA."
"PREDICTED: Homo sapiens similar to spectrin domain with coiled-coils 1 (LOC441782), mRNA
"PREDICTED: Homo sapiens similar to high-mobility group box 3 (LOC441795), mRNA."
"PREDICTED: Homo sapiens similar to hCG1644617 (LOC441806), mRNA."
"PREDICTED: Homo sapiens similar to TBC1 domain family, member 3 (LOC441811), mRNA."
"PREDICTED: Homo sapiens similar to osteoclast-associated receptor isoform 5 (LOC441864),
"PREDICTED: Homo sapiens similar to Tyrosine-protein phosphatase non-receptor type 11 (Pro
"PREDICTED: Homo sapiens similar to oogenesin 2 (LOC441870), mRNA."
"PREDICTED: Homo sapiens similar to PRAME family member 9 (LOC441873), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S16, transcript variant 2 (LOC441
"PREDICTED: Homo sapiens misc_RNA (LOC441896), partial miscRNA."
"PREDICTED: Homo sapiens similar to cDNA sequence BC021523 (LOC441956), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC441957), miscRNA."
"PREDICTED: Homo sapiens similar to CXXC finger 6 (LOC442020), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC442041), partial miscRNA."
"PREDICTED: Homo sapiens similar to Ciliary dynein heavy chain 11 (Axonemal beta dynein he
"PREDICTED: Homo sapiens weakly similar to serine/threonine protein kinase Kp78 (LOC44207
"PREDICTED: Homo sapiens misc_RNA (LOC442153), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC442181), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC442283 (LOC442283), mRNA."
"PREDICTED: Homo sapiens similar to capicua homolog (LOC442299), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 577 (LOC442501), mRNA."
"PREDICTED: Homo sapiens similar to ATP-binding cassette sub-family E member 1 (RNase L
"PREDICTED: Homo sapiens hypothetical LOC442519 (LOC442519), mRNA."
"Homo sapiens similar to T-cell receptor gamma chain V region PT-gamma-1/2 precursor (LOC4
"PREDICTED: Homo sapiens similar to Williams Beuren syndrome chromosome region 19 (LOC
"Homo sapiens STAG3-like (LOC442582), mRNA."
"PREDICTED: Homo sapiens similar to hCG1815881 (LOC442609), mRNA."
"PREDICTED: Homo sapiens similar to ADP-ribosylation factor 1 (LOC442711), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S17 (LOC442726), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC442727), miscRNA."
"Homo sapiens c114 SLIT-like testicular protein (LOC474170), mRNA."
"Homo sapiens secretory protein LOC497190 (LOC497190), mRNA."
"PREDICTED: Homo sapiens erythrocyte transmembrane protein (LOC51145), mRNA."

"Homo sapiens hypothetical LOC51149 (LOC51149), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens hypothetical LOC541471 (LOC541471), misc RNA."
"Homo sapiens FK506 binding protein 6, 36kDa pseudogene (LOC541473), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC550112, transcript variant 8 (LOC550112), misc
"Homo sapiens hypothetical LOC550631 (LOC550631), mRNA."
"Homo sapiens hypothetical LOC550643 (LOC550643), non-coding RNA."
"Homo sapiens hypothetical protein LOC552889 (LOC552889), mRNA."
"Homo sapiens PRR5-ARHGAP8 fusion (LOC553158), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC554175 (LOC554175), misc RNA."
"PREDICTED: Homo sapiens hypothetical LOC554203 (LOC554203), misc RNA."
"PREDICTED: Homo sapiens hypothetical LOC554206 (LOC554206), misc RNA."
"PREDICTED: Homo sapiens hypothetical LOC554208, transcript variant 2 (LOC554208), misc
"Homo sapiens hepatocellular carcinoma-associated gene TD26 (LOC55908), mRNA."
"PREDICTED: Homo sapiens uncharacterized gastric protein ZA52P (LOC57399), mRNA."
"Homo sapiens coronin, actin binding protein, 1A pseudogene (LOC606724), non-coding RNA."
"Homo sapiens nuclear pore complex interacting protein pseudogene (LOC613037), non-coding
"Homo sapiens hypothetical LOC613266 (LOC613266), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC641298), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641365, transcript variant 5 (LOC641365
"PREDICTED: Homo sapiens similar to ribosomal protein S6 kinase, polypeptide 1 (LOC641697
"PREDICTED: Homo sapiens hypothetical protein LOC641700 (LOC641700), mRNA."
"PREDICTED: Homo sapiens similar to septin 7 (LOC641716), mRNA."
"PREDICTED: Homo sapiens similar to stromal antigen 3 (LOC641724), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641741 (LOC641741), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC641746), miscRNA."
"PREDICTED: Homo sapiens similar to sulfatase modifying factor 2 (LOC641751), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641753 (LOC641753), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641772, transcript variant 2 (LOC641772
"PREDICTED: Homo sapiens misc_RNA (LOC641784), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641785 (LOC641785), mRNA."
"PREDICTED: Homo sapiens similar to CDC26 subunit of anaphase promoting complex (LOC64
"PREDICTED: Homo sapiens hypothetical protein LOC641801 (LOC641801), mRNA."
"PREDICTED: Homo sapiens similar to Serine/threonine-protein kinase tousled-like 2 (Tousled-l
"PREDICTED: Homo sapiens similar to Ribosomal protein L6, transcript variant 7 (LOC641814),
"PREDICTED: Homo sapiens hypothetical protein LOC641815 (LOC641815), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641820 (LOC641820), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641825 (LOC641825), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641841 (LOC641841), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC641844), miscRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S3a (LOC641848), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S3a (V-fos transformation effecto
"PREDICTED: Homo sapiens hypothetical protein LOC641852 (LOC641852), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641860 (LOC641860), mRNA."
"Homo sapiens similar to Unc4.1 homeobox (LOC641901), mRNA."

"PREDICTED: Homo sapiens similar to actin-related protein 3-beta (LOC641908), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC641922), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641939 (LOC641939), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641941 (LOC641941), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641944 (LOC641944), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641953 (LOC641953), mRNA."
"PREDICTED: Homo sapiens similar to Ribose-phosphate pyrophosphokinase II (Phosphoribos
"PREDICTED: Homo sapiens similar to Periphilin 1 (Gastric cancer antigen Ga50) (LOC641964
"PREDICTED: Homo sapiens similar to single-stranded DNA-binding protein isoform a (LOC641
"PREDICTED: Homo sapiens hypothetical protein LOC641975 (LOC641975), mRNA."
"PREDICTED: Homo sapiens similar to general transcription factor II I (LOC641978), mRNA."
"PREDICTED: Homo sapiens similar to capicua homolog (LOC641987), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641989 (LOC641989), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC641990), miscRNA."
"PREDICTED: Homo sapiens similar to cell division cycle 42 (LOC641992), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC641996 (LOC641996), mRNA."
"PREDICTED: Homo sapiens similar to septin 7 (LOC642003), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642017 (LOC642017), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642031 (LOC642031), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642035 (LOC642035), mRNA."
"PREDICTED: Homo sapiens similar to HLA class I histocompatibility antigen, A-11 alpha chain
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DRB1-4 beta cha
"PREDICTED: Homo sapiens similar to MHC class II antigen (LOC642073), mRNA."
"PREDICTED: Homo sapiens similar to hCG1789038 (LOC642076), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642077 (LOC642077), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642082 (LOC642082), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642083 (LOC642083), mRNA."
"PREDICTED: Homo sapiens similar to Small inducible cytokine A4 precursor (CCL4) (Macroph
"PREDICTED: Homo sapiens similar to Maltase-glucoamylase, intestinal (LOC642103), mRNA."
"PREDICTED: Homo sapiens similar to E3 ubiquitin protein ligase, HECT domain containing, 1 (
"PREDICTED: Homo sapiens similar to Syntaxin-5 (LOC642105), mRNA."
"PREDICTED: Homo sapiens similar to FRG1 protein (FSHD region gene 1 protein) (LOC64210
"PREDICTED: Homo sapiens similar to Ig kappa chain V-III region HAH precursor (LOC642113)
"PREDICTED: Homo sapiens similar to Maltase-glucoamylase, intestinal (LOC642120), mRNA."
"PREDICTED: Homo sapiens similar to nuclear RNA export factor 2 (LOC642121), mRNA."
"PREDICTED: Homo sapiens similar to TBP-associated factor 11 (LOC642127), mRNA."
"PREDICTED: Homo sapiens similar to hCG1812074 (LOC642131), mRNA."
"PREDICTED: Homo sapiens similar to Polypeptide N-acetylgalactosaminyltransferase 9 (Protei
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region 86T1 precursor (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC642155 (LOC642155), mRNA."
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region CTL-L17 precursor (
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region 86T1 precursor (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC642169 (LOC642169), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642176 (LOC642176), mRNA."

"PREDICTED: Homo sapiens similar to scavenger receptor protein family member (LOC642181
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region CTL-L17 precursor (
"PREDICTED: Homo sapiens hypothetical protein LOC642194 (LOC642194), mRNA."
"PREDICTED: Homo sapiens similar to Protein FAM82B (LOC642197), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642198 (LOC642198), mRNA."
"PREDICTED: Homo sapiens hCG2042718 (LOC642204), mRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC642216 (LOC642216), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642249 (LOC642249), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L17 (L23), transcript variant 1 (LC
"PREDICTED: Homo sapiens similar to Homogentisate 1,2-dioxygenase (Homogentisicase) (Ho
"PREDICTED: Homo sapiens similar to Diacylglycerol O-acyltransferase 1 (Diglyceride acyltrans
"PREDICTED: Homo sapiens similar to similar to RPL23AP7 protein (LOC642257), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642263 (LOC642263), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein LOC284701, transcript variant 2 (LC
"PREDICTED: Homo sapiens similar to Heat shock factor protein 1 (HSF 1) (Heat shock transcr
"PREDICTED: Homo sapiens hypothetical LOC642277 (LOC642277), mRNA."
"PREDICTED: Homo sapiens similar to Tektin-3, transcript variant 1 (LOC642282), mRNA."
"PREDICTED: Homo sapiens similar to Tricarboxylate transport protein, mitochondrial precursor
"PREDICTED: Homo sapiens hypothetical protein LOC642299 (LOC642299), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642305), miscRNA."
"PREDICTED: Homo sapiens similar to chemokine (C-C motif) receptor-like 2, transcript variant
"PREDICTED: Homo sapiens similar to M-phase phosphoprotein, mpp8 (LOC642333), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642340 (LOC642340), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642348 (LOC642348), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642357), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC642361 (LOC642361), mRNA."
"PREDICTED: Homo sapiens similar to tripartite motif protein 39 (LOC642362), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642370 (LOC642370), mRNA."
"PREDICTED: Homo sapiens similar to Contactin-associated protein-like 3 precursor (Cell recog
"PREDICTED: Homo sapiens similar to CG9924-PC, isoform C (LOC642381), mRNA."
"PREDICTED: Homo sapiens similar to mitochondrial ribosomal protein L20, transcript variant 2
"PREDICTED: Homo sapiens hypothetical LOC642398, transcript variant 1 (LOC642398), mRN
"PREDICTED: Homo sapiens similar to CG5435-PA (LOC642399), mRNA."
"PREDICTED: Homo sapiens similar to matrix-remodelling associated 8 (LOC642412), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642418 (LOC642418), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642419 (LOC642419), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642420 (LOC642420), mRNA."
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC642423), mRNA."
"PREDICTED: Homo sapiens similar to Alcohol dehydrogenase class III chi chain (Glutathione-d
"PREDICTED: Homo sapiens similar to hCG1795201 (LOC642446), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642447 (LOC642447), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642449 (LOC642449), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642450 (LOC642450), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC642456 (LOC642456), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642458), miscRNA."
"PREDICTED: Homo sapiens similar to ankyrin repeat domain 30A (LOC642460), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642469), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC642486 (LOC642486), mRNA."
"PREDICTED: Homo sapiens similar to FK506-binding protein 1A (LOC642489), mRNA."
"PREDICTED: Homo sapiens similar to succinate dehydrogenase complex, subunit C isoform 3
"PREDICTED: Homo sapiens hypothetical protein LOC642503 (LOC642503), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642513), miscRNA."
"PREDICTED: Homo sapiens similar to profilin 1 (LOC642516), mRNA."
"PREDICTED: Homo sapiens similar to nuclear DNA-binding protein (LOC642538), mRNA."
"PREDICTED: Homo sapiens similar to glucosidase, alpha, acid (LOC642539), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642546), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642553 (LOC642553), mRNA."
"PREDICTED: Homo sapiens similar to POU domain, class 5, transcription factor 1 (Octamer-bi
"PREDICTED: Homo sapiens misc_RNA (LOC642567), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642571 (LOC642571), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642580 (LOC642580), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642585), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642590), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642591 (LOC642591), mRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC642606 (LOC642606), mRNA."
"PREDICTED: Homo sapiens similar to Nitric oxide synthase, inducible (NOS type II) (Inducible
"PREDICTED: Homo sapiens hypothetical LOC642637 (LOC642637), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642656 (LOC642656), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642661), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC642672 (LOC642672), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L36 (LOC642675), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642677 (LOC642677), mRNA."
"PREDICTED: Homo sapiens similar to myeloid/lymphoid or mixed-lineage leukemia 3 isoform 2
"PREDICTED: Homo sapiens hypothetical protein LOC642680 (LOC642680), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642681 (LOC642681), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642702 (LOC642702), mRNA."
"PREDICTED: Homo sapiens similar to Hornerin (LOC642707), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642712 (LOC642712), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642732), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642736 (LOC642736), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L9 (LOC642740), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642741), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642751 (LOC642751), mRNA."
"PREDICTED: Homo sapiens similar to DEXI, transcript variant 1 (LOC642755), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642757 (LOC642757), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642759 (LOC642759), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC642761 (LOC642761), mRNA."
"PREDICTED: Homo sapiens similar to ATP-binding cassette sub-family D member 1 (Adrenole
"PREDICTED: Homo sapiens hypothetical protein LOC642765 (LOC642765), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642769 (LOC642769), mRNA."
"PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily A member 2 (Golgi r
"PREDICTED: Homo sapiens hypothetical protein LOC642772 (LOC642772), mRNA."
"PREDICTED: Homo sapiens similar to Myc-associated zinc finger protein (MAZI) (Purine-bindir
"PREDICTED: Homo sapiens hypothetical protein LOC642776 (LOC642776), mRNA."
"PREDICTED: Homo sapiens similar to nuclear pore complex interacting protein (LOC642778),
"PREDICTED: Homo sapiens hypothetical LOC642781 (LOC642781), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642784), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC642799 (LOC642799), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642804 (LOC642804), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642817 (LOC642817), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642820 (LOC642820), mRNA."
"PREDICTED: Homo sapiens similar to hCG1742442 (LOC642838), mRNA."
"PREDICTED: Homo sapiens similar to Cleavage and polyadenylation specificity factor, 30 kDa
"PREDICTED: Homo sapiens similar to upstream binding protein 1 (LOC642851), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642852 (LOC642852), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642853 (LOC642853), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642856 (LOC642856), mRNA."
"PREDICTED: Homo sapiens similar to CG12132-PA, transcript variant 2 (LOC642859), mRNA.
"PREDICTED: Homo sapiens hypothetical protein LOC642863 (LOC642863), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642866 (LOC642866), mRNA."
"PREDICTED: Homo sapiens similar to Protein SET (Phosphatase 2A inhibitor I2PP2A) (I-2PP2
"PREDICTED: Homo sapiens similar to calponin 2 isoform a (LOC642888), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC642897), miscRNA."
"PREDICTED: Homo sapiens similar to TPTE and PTEN homologous inositol lipid phosphatase
"PREDICTED: Homo sapiens misc_RNA (LOC642909), miscRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 135 (clone pHZ-17) (LOC642914), mI
"PREDICTED: Homo sapiens hypothetical protein LOC642917, transcript variant 2 (LOC642918
"PREDICTED: Homo sapiens hypothetical protein LOC642930 (LOC642930), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642934 (LOC642934), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642939 (LOC642939), mRNA."
"PREDICTED: Homo sapiens similar to chromosome 9 open reading frame 36 (LOC642943), m
"PREDICTED: Homo sapiens hypothetical protein LOC642945, transcript variant 2 (LOC642946
"Homo sapiens hypothetical protein LOC642947 (LOC642947), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC642956 (LOC642956), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642962 (LOC642962), mRNA."
"PREDICTED: Homo sapiens similar to olfactory receptor 139 (LOC642966), mRNA."
"PREDICTED: Homo sapiens similar to Phosphoglycerate mutase 1 (Phosphoglycerate mutase
"PREDICTED: Homo sapiens misc_RNA (LOC642975), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642978 (LOC642978), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC642981 (LOC642981), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC643000 (LOC643000), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643011 (LOC643011), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643018 (LOC643018), mRNA."
"PREDICTED: Homo sapiens similar to NADH dehydrogenase subunit 5 (LOC643031), mRNA."
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-des
"PREDICTED: Homo sapiens similar to CG33096-PB, isoform B, transcript variant 3 (LOC64303
"PREDICTED: Homo sapiens hypothetical protein LOC643039 (LOC643039), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643040 (LOC643040), mRNA."
"PREDICTED: Homo sapiens similar to Beta-glucuronidase precursor (LOC643047), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643075 (LOC643075), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643089 (LOC643089), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643094 (LOC643094), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643100 (LOC643100), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643109, transcript variant 2 (LOC643109
"PREDICTED: Homo sapiens hypothetical protein LOC643120 (LOC643120), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643131 (LOC643131), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643133 (LOC643133), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643167), miscRNA."
"PREDICTED: Homo sapiens similar to gamma-glutamyltransferase 2, transcript variant 6 (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC643176 (LOC643176), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643197 (LOC643197), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643200, transcript variant 2 (LOC643201
"PREDICTED: Homo sapiens hypothetical protein LOC643203 (LOC643203), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643210 (LOC643210), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643216 (LOC643216), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643219), miscRNA."
"PREDICTED: Homo sapiens similar to tubulin, beta 8, transcript variant 3 (LOC643224), mRNA
"PREDICTED: Homo sapiens similar to glutaredoxin cysteine-rich 1 protein (LOC643226), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC643231 (LOC643231), mRNA."
"PREDICTED: Homo sapiens similar to CG5327-PA (LOC643233), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643234 (LOC643234), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643236 (LOC643236), mRNA."
"PREDICTED: Homo sapiens similar to microtubule-associated proteins 1A/1B light chain 3 (LO
"PREDICTED: Homo sapiens hypothetical protein LOC643262 (LOC643262), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643266 (LOC643266), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643275, transcript variant 2 (LOC643275), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC643278 (LOC643278), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S29 (LOC643284), mRNA."
"PREDICTED: Homo sapiens similar to prothymosin alpha, transcript variant 1 (LOC643287), m
"PREDICTED: Homo sapiens hypothetical protein LOC643296 (LOC643296), mRNA."
"PREDICTED: Homo sapiens similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp
"PREDICTED: Homo sapiens similar to heat shock 70kD protein binding protein (LOC643310), r
"PREDICTED: Homo sapiens hypothetical protein LOC643311 (LOC643311), mRNA."
"PREDICTED: Homo sapiens similar to Transgelin-2 (LOC643319), mRNA."

"PREDICTED: Homo sapiens similar to Kinase suppressor of ras-1 (Kinase suppressor of ras) (
"PREDICTED: Homo sapiens similar to hCG1985303 (LOC643336), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643338 (LOC643338), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643339 (LOC643339), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643344 (LOC643344), mRNA."
"PREDICTED: Homo sapiens similar to SMT3 suppressor of mif two 3 homolog 2 (LOC643357)
"PREDICTED: Homo sapiens misc_RNA (LOC643358), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643364, transcript variant 1 (LOC643365
"PREDICTED: Homo sapiens similar to F40G9.9 (LOC643368), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643384 (LOC643384), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643387), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643389 (LOC643389), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643396 (LOC643396), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643403 (LOC643403), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643409 (LOC643409), mRNA."
"PREDICTED: Homo sapiens similar to T-box 1 isoform C (LOC643423), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643429 (LOC643429), mRNA."
"PREDICTED: Homo sapiens similar to Endoplasmin precursor (94 kDa glucose-regulated prote
"PREDICTED: Homo sapiens hypothetical protein LOC643432, transcript variant 1 (LOC643432
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L29 (Cell surface heparin binding
"PREDICTED: Homo sapiens hypothetical protein LOC643435 (LOC643435), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643438), miscRNA."
"PREDICTED: Homo sapiens similar to ribonucleic acid binding protein S1 (LOC643446), mRNA
"PREDICTED: Homo sapiens similar to hCG2041756 (LOC643449), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643451 (LOC643451), mRNA."
"PREDICTED: Homo sapiens similar to bromodomain containing 7 (LOC643452), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643461 (LOC643461), mRNA."
"PREDICTED: Homo sapiens FLJ00409 protein (LOC643475), mRNA."
"PREDICTED: Homo sapiens similar to hCG39525 (LOC643503), mRNA."
"PREDICTED: Homo sapiens similar to large subunit ribosomal protein L36a (LOC643505), mR
"PREDICTED: Homo sapiens misc_RNA (LOC643507), miscRNA."
"PREDICTED: Homo sapiens similar to Dihydrofolate reductase, transcript variant 1 (LOC64350
"PREDICTED: Homo sapiens similar to hCG37526 (LOC643534), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643577 (LOC643577), mRNA."
"PREDICTED: Homo sapiens similar to Glutamate dehydrogenase 1, mitochondrial precursor (G
"PREDICTED: Homo sapiens hypothetical protein LOC643581 (LOC643581), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643590 (LOC643590), mRNA."
"PREDICTED: Homo sapiens similar to CG13731-PA (LOC643594), mRNA."
"PREDICTED: Homo sapiens similar to C06A5.8a (LOC643596), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643598 (LOC643598), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 300 (LOC643604), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643612 (LOC643612), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643624 (LOC643624), mRNA."
"PREDICTED: Homo sapiens similar to T-box 1 isoform C (LOC643626), mRNA."

"PREDICTED: Homo sapiens similar to tropomyosin 4, transcript variant 3 (LOC643634), mRNA
"PREDICTED: Homo sapiens similar to glycine-N-acyltransferase-like 1 (LOC643637), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643648 (LOC643648), mRNA."
"PREDICTED: Homo sapiens similar to glycine-N-acyltransferase-like 1 (LOC643652), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643660 (LOC643660), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643662 (LOC643662), mRNA."
"PREDICTED: Homo sapiens similar to peptidase (prosome, macropain) 26S subunit, ATPase 1
"PREDICTED: Homo sapiens misc_RNA (LOC643670), miscRNA."
"PREDICTED: Homo sapiens similar to mondoA (LOC643672), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643700 (LOC643700), mRNA."
"PREDICTED: Homo sapiens similar to bromodomain containing 9 isoform 1 (LOC643702), mR
"PREDICTED: Homo sapiens similar to Y43F4A.1a (LOC643712), mRNA."
"PREDICTED: Homo sapiens similar to protein expressed in T-cells and eosinophils in atopic de
"PREDICTED: Homo sapiens hypothetical LOC643733 (LOC643733), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643738 (LOC643738), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643747 (LOC643747), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643750 (LOC643750), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643755 (LOC643755), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643757 (LOC643757), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643763 (LOC643763), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643768), miscRNA."
"PREDICTED: Homo sapiens similar to Contactin-associated protein-like 3 precursor (Cell recog
"PREDICTED: Homo sapiens similar to Nonhistone chromosomal protein HMG-14 (High-mobilit
"PREDICTED: Homo sapiens hypothetical protein LOC643791 (LOC643791), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643809 (LOC643809), mRNA."
"PREDICTED: Homo sapiens similar to FERM domain containing 6 (LOC643811), mRNA."
"PREDICTED: Homo sapiens similar to phosducin-like 3 (LOC643831), mRNA."
"PREDICTED: Homo sapiens similar to Zinc finger protein 62 homolog (Zfp-62) (ZT3) (LOC643
"PREDICTED: Homo sapiens hypothetical protein LOC643837 (LOC643837), mRNA."
"PREDICTED: Homo sapiens similar to G1 to S phase transition protein 1 homolog (GTP-bindin
"PREDICTED: Homo sapiens similar to hCG2026922 (LOC643856), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643863), miscRNA."
"PREDICTED: Homo sapiens similar to Translationally-controlled tumor protein (TCTP) (p23) (H
"PREDICTED: Homo sapiens similar to Nonhistone chromosomal protein HMG-17 (High-mobilit
"PREDICTED: Homo sapiens misc_RNA (LOC643873), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643882 (LOC643882), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643888 (LOC643888), mRNA."
"PREDICTED: Homo sapiens similar to hCG1744064 (LOC643894), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643903 (LOC643903), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643911 (LOC643911), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643912 (LOC643912), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643917, transcript variant 3 (LOC643918
"PREDICTED: Homo sapiens region containing similar to Williams Beuren syndrome chromosor
"PREDICTED: Homo sapiens similar to NADPH dependent diflavin oxidoreductase 1 (LOC6439

"PREDICTED: Homo sapiens hypothetical LOC643933 (LOC643933), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643948 (LOC643948), mRNA."
"PREDICTED: Homo sapiens similar to 60S acidic ribosomal protein P2 (LOC643949), mRNA."
"Homo sapiens zinc finger protein 479 pseudogene (LOC643955), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC643960), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC643965 (LOC643965), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC643977, transcript variant 1 (LOC643977
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"PREDICTED: Homo sapiens hypothetical protein LOC643985 (LOC643985), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC643988 (LOC643988), mRNA."
"PREDICTED: Homo sapiens similar to peptidylprolyl isomerase A isoform 1 (LOC643997), mRI
"PREDICTED: Homo sapiens similar to cadherin 12, type 2 preproprotein (LOC643998), mRNA.
"PREDICTED: Homo sapiens similar to Mucin-2 precursor (Intestinal mucin 2) (LOC644003), mI
"PREDICTED: Homo sapiens hypothetical LOC644010, transcript variant 2 (LOC644010), mRN
"PREDICTED: Homo sapiens similar to Glutamate dehydrogenase 1, mitochondrial precursor (G
"PREDICTED: Homo sapiens similar to COBW domain containing 3, transcript variant 23 (LOC6
"PREDICTED: Homo sapiens similar to cathepsin L-like protein (LOC644021), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L7a (LOC644029), mRNA."
"PREDICTED: Homo sapiens similar to similar to RPL23AP7 protein (LOC644033), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644037), miscRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L10 (QM protein) (Tumor suppres
"PREDICTED: Homo sapiens hypothetical protein LOC644046 (LOC644046), mRNA."
"PREDICTED: Homo sapiens similar to Proline-rich nuclear receptor coactivator 2 (LOC644047)
"PREDICTED: Homo sapiens similar to Ciliary dynein heavy chain 11 (Axonemal beta dynein he
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein K (LOC64406
"PREDICTED: Homo sapiens similar to ribosomal protein S14 (LOC644068), mRNA."
"PREDICTED: Homo sapiens germ cell-specific gene 1-like protein 2-like (LOC644070), mRNA.
"PREDICTED: Homo sapiens similar to RIKEN cDNA 4930532L20 (LOC644074), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644075 (LOC644075), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644083 (LOC644083), mRNA."
"PREDICTED: Homo sapiens similar to microtubule associated serine/threonine kinase 2 (LOC6
"PREDICTED: Homo sapiens hCG2040054 (LOC644093), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644096 (LOC644096), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644097 (LOC644097), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644098 (LOC644098), mRNA."
"PREDICTED: Homo sapiens similar to ovo-like 2 isoform A (LOC644099), mRNA."
"PREDICTED: Homo sapiens similar to CG14464-PA.3 (LOC644100), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644101), miscRNA."
"PREDICTED: Homo sapiens similar to splicing factor 3b, subunit 4 (LOC644112), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644124), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644128 (LOC644128), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644132), miscRNA."
"PREDICTED: Homo sapiens similar to ADP-ribosylation factor 7 (LOC644144), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644155 (LOC644155), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC644157), miscRNA."
"PREDICTED: Homo sapiens similar to septin 7, transcript variant 4 (LOC644162), mRNA."
"PREDICTED: Homo sapiens similar to paired related homeobox protein-like 1 (LOC644168), m
"PREDICTED: Homo sapiens hypothetical LOC644173 (LOC644173), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644184 (LOC644184), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644186 (LOC644186), mRNA."
"PREDICTED: Homo sapiens similar to hCG15685, transcript variant 1 (LOC644191), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein LOC286467 (LOC644200), mRNA.'
"PREDICTED: Homo sapiens misc_RNA (LOC644214), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644215 (LOC644215), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644224 (LOC644224), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644234 (LOC644234), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644240, transcript variant 1 (LOC644241
"PREDICTED: Homo sapiens hypothetical protein LOC644246 (LOC644246), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644250 (LOC644250), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644254 (LOC644254), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644256), miscRNA."
"PREDICTED: Homo sapiens similar to fetal Alzheimer antigen isoform 2 (LOC644264), mRNA.
"PREDICTED: Homo sapiens hypothetical protein LOC644266 (LOC644266), mRNA."
"PREDICTED: Homo sapiens similar to splicing coactivator subunit SRm300 (LOC644276), mRI
"PREDICTED: Homo sapiens hypothetical protein LOC644285 (LOC644285), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644286 (LOC644286), mRNA."
"PREDICTED: Homo sapiens similar to T25G3.1 (LOC644295), mRNA."
"PREDICTED: Homo sapiens similar to Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) (LO
"PREDICTED: Homo sapiens similar to ubiquinol-cytochrome c reductase complex (LOC64431(
"PREDICTED: Homo sapiens similar to methylenetetrahydrofolate dehydrogenase (NADP+ dep
"PREDICTED: Homo sapiens misc_RNA (LOC644315), miscRNA."
"PREDICTED: Homo sapiens similar to Ribosome biogenesis protein BMS1 homolog, transcript
"PREDICTED: Homo sapiens similar to tropomyosin 3 isoform 2 (LOC644330), mRNA."
"PREDICTED: Homo sapiens similar to Band 4.1-like protein 5 (LOC644334), mRNA."
"PREDICTED: Homo sapiens similar to Est1p-like protein B (LOC644335), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644350 (LOC644350), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644353), miscRNA."
"PREDICTED: Homo sapiens similar to calcium channel, voltage-dependent, L type, alpha 1C s
"PREDICTED: Homo sapiens similar to retinitis pigmentosa GTPase regulator isoform C (LOC6
"PREDICTED: Homo sapiens misc_RNA (LOC644363), miscRNA."
"PREDICTED: Homo sapiens similar to High mobility group protein 1-like 10 (HMG-1L10), transc
"PREDICTED: Homo sapiens hypothetical protein LOC644391 (LOC644391), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644397), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644404 (LOC644404), mRNA."
"PREDICTED: Homo sapiens similar to Sodium/hydrogen exchanger 3 (Na(+)/H(+) exchanger 3
"PREDICTED: Homo sapiens misc_RNA (LOC644415), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC644419 (LOC644419), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644420 (LOC644420), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC644421 (LOC644421), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644422), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644423 (LOC644423), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644424 (LOC644424), mRNA."
"PREDICTED: Homo sapiens similar to High mobility group protein B3 (High mobility group prote
"PREDICTED: Homo sapiens hypothetical protein LOC644433 (LOC644433), mRNA."
"PREDICTED: Homo sapiens similar to transmembrane protein 30A (LOC644444), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644450 (LOC644450), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644464), miscRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC644474 (LOC644474), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644480 (LOC644480), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644500 (LOC644500), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644517), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644519 (LOC644519), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644528 (LOC644528), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644537 (LOC644537), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644544 (LOC644544), mRNA."
"PREDICTED: Homo sapiens similar to LOC531907 protein (LOC644548), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644558 (LOC644558), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644563), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644584), miscRNA."
"PREDICTED: Homo sapiens similar to Kinase suppressor of ras-1 (Kinase suppressor of ras) (
"PREDICTED: Homo sapiens misc_RNA (LOC644589), miscRNA."
"PREDICTED: Homo sapiens similar to EVIN1 (LOC644590), mRNA."
"PREDICTED: Homo sapiens similar to peptidylprolyl isomerase A (cyclophilin A)-like 4 (LOC64
"PREDICTED: Homo sapiens hypothetical protein LOC644593 (LOC644593), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644596 (LOC644596), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644598 (LOC644598), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644607 (LOC644607), mRNA."
"PREDICTED: Homo sapiens similar to Ras-related protein Rab-13 (LOC644615), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644617 (LOC644617), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644619), miscRNA."
"PREDICTED: Homo sapiens similar to transmembrane phosphatase with tensin homology isofo
"PREDICTED: Homo sapiens hypothetical protein LOC644624, transcript variant 2 (LOC644624
"PREDICTED: Homo sapiens similar to FUN14 domain containing 2 (LOC644625), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644635 (LOC644635), mRNA."
"PREDICTED: Homo sapiens similar to N-acetylated-alpha-linked acidic dipeptidase II (NAALAD
"PREDICTED: Homo sapiens hypothetical protein LOC644641 (LOC644641), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644642 (LOC644642), mRNA."
"PREDICTED: Homo sapiens similar to CG14446-PA (LOC644646), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644652 (LOC644652), mRNA."
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"PREDICTED: Homo sapiens hypothetical protein LOC644668 (LOC644668), mRNA."

"PREDICTED: Homo sapiens similar to RIKEN cDNA 4930532L20 (LOC644669), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644670 (LOC644670), mRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens similar to synovial sarcoma, X breakpoint 2 interacting protein (LC
"PREDICTED: Homo sapiens hypothetical protein LOC644683 (LOC644683), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644684 (LOC644684), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644686 (LOC644686), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644694 (LOC644694), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644695 (LOC644695), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644701 (LOC644701), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644707 (LOC644707), mRNA."
"PREDICTED: Homo sapiens similar to formin 2 (LOC644711), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644714, transcript variant 1 (LOC644714
"PREDICTED: Homo sapiens hypothetical protein LOC644719 (LOC644719), mRNA."
"PREDICTED: Homo sapiens similar to ATPase, Cu++ transporting, alpha polypeptide (LOC644
"PREDICTED: Homo sapiens similar to Puromycin-sensitive aminopeptidase (PSA) (LOC64473
"PREDICTED: Homo sapiens hypothetical protein LOC644736 (LOC644736), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644738 (LOC644738), mRNA."
"PREDICTED: Homo sapiens similar to Wiskott-Aldrich syndrome protein family member 4 (WA
"PREDICTED: Homo sapiens hypothetical protein LOC644748 (LOC644748), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644760 (LOC644760), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644761), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC644762 (LOC644762), mRNA."
"PREDICTED: Homo sapiens similar to erythrocyte membrane protein band 4.1 like 4B isoform
"PREDICTED: Homo sapiens hypothetical protein LOC644769 (LOC644769), mRNA."
"PREDICTED: Homo sapiens similar to Phosphoglycerate kinase 1 (LOC644774), mRNA."
"PREDICTED: Homo sapiens similar to implantation-associated protein (LOC644782), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644787 (LOC644787), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644799, transcript variant 1 (LOC644799
"PREDICTED: Homo sapiens similar to Heat shock protein HSP 90-beta (HSP 84) (Tumor-spec
"PREDICTED: Homo sapiens hypothetical LOC644827 (LOC644827), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644830 (LOC644830), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644844 (LOC644844), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644846 (LOC644846), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644853 (LOC644853), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644860), miscRNA."
"PREDICTED: Homo sapiens similar to signal recognition particle 14kDa (homologous Alu RNA
"PREDICTED: Homo sapiens hypothetical protein LOC644865 (LOC644865), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644869 (LOC644869), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644877), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644879), miscRNA."
"PREDICTED: Homo sapiens similar to large subunit ribosomal protein L36a (LOC644889), mR
"PREDICTED: Homo sapiens hypothetical protein LOC644897 (LOC644897), mRNA."
"Homo sapiens hCG18290 (LOC644907), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC644912 (LOC644912), mRNA."
"PREDICTED: Homo sapiens similar to H3 histone, family 3B (LOC644914), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644916 (LOC644916), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644925 (LOC644925), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644929 (LOC644929), mRNA."
"Homo sapiens cytoplasmic beta-actin pseudogene (LOC644936), non-coding RNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L10 (LOC644937), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644944 (LOC644944), mRNA."
"PREDICTED: Homo sapiens similar to H3 histone, family 3B (LOC644950), mRNA."
"PREDICTED: Homo sapiens similar to CG6405-PA (LOC644958), mRNA."
"PREDICTED: Homo sapiens similar to cytoplasmic beta-actin (LOC644961), mRNA."
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"PREDICTED: Homo sapiens hypothetical LOC644978 (LOC644978), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC644979 (LOC644979), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC644988), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC644992 (LOC644992), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC644994 (LOC644994), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645001), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645006 (LOC645006), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645010 (LOC645010), mRNA."
"PREDICTED: Homo sapiens similar to beta-1,4-mannosyltransferase (LOC645015), mRNA."
"PREDICTED: Homo sapiens similar to Prolyl 4-hydroxylase alpha-2 subunit precursor (4-PH al
"PREDICTED: Homo sapiens hypothetical protein LOC645032 (LOC645032), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645045 (LOC645045), mRNA."
"PREDICTED: Homo sapiens similar to poly (ADP-ribose) polymerase family, member 8 (LOC64
"PREDICTED: Homo sapiens similar to hepatitis B virus x-interacting protein (LOC645058), mR
"PREDICTED: Homo sapiens similar to AT rich interactive domain 1B (SWI1-like) isoform 1, trar
"PREDICTED: Homo sapiens misc_RNA (LOC645094), miscRNA."
"PREDICTED: Homo sapiens hCG1820764 (LOC645100), mRNA."
"PREDICTED: Homo sapiens similar to Usher syndrome 3A homolog isoform 1 (LOC645104), n
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 8G (LOC645137),
"PREDICTED: Homo sapiens hypothetical LOC645139 (LOC645139), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645144 (LOC645144), mRNA."
"PREDICTED: Homo sapiens similar to T-box 1 isoform C (LOC645153), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645157), miscRNA."
"PREDICTED: Homo sapiens similar to ALR-like protein (LOC645159), mRNA."
"PREDICTED: Homo sapiens similar to lymphocyte-specific protein 1 (LOC645166), mRNA."
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"PREDICTED: Homo sapiens misc_RNA (LOC645175), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645176 (LOC645176), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645177 (LOC645177), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645183 (LOC645183), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645195 (LOC645195), miscRNA."
"PREDICTED: Homo sapiens similar to transmembrane protein 14C (LOC645203), mRNA."

"PREDICTED: Homo sapiens similar to immunoglobulin superfamily, member 3 isoform 1, trans
"Homo sapiens thymine-DNA glycosylase pseudogene (LOC645233), non-coding RNA."
"PREDICTED: Homo sapiens similar to similar to RPL23AP7 protein (LOC645236), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 22 member 4 (LOC645246), mRNA
"PREDICTED: Homo sapiens hypothetical protein LOC645249 (LOC645249), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645251), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC645253 (LOC645253), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645261 (LOC645261), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645276 (LOC645276), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645279 (LOC645279), mRNA."
"PREDICTED: Homo sapiens similar to Group X secretory phospholipase A2 precursor (Phosph
"PREDICTED: Homo sapiens similar to CG33096-PA, isoform A (LOC645289), mRNA."
"Homo sapiens ribosomal protein L17-like (LOC645296), mRNA."
"PREDICTED: Homo sapiens similar to Heat shock protein HSP 90-alpha (HSP 86), transcript v
"PREDICTED: Homo sapiens similar to melanoma-associated chondroitin sulfate proteoglycan 4
"PREDICTED: Homo sapiens hypothetical LOC645307 (LOC645307), mRNA."
"PREDICTED: Homo sapiens similar to Glycolipid transfer protein (GLTP) (LOC645312), mRNA
"PREDICTED: Homo sapiens misc_RNA (LOC645313), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1642995 (LOC645314), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645322 (LOC645322), mRNA."
"Homo sapiens hypothetical LOC645323 (LOC645323), transcript variant 1, non-coding RNA."
"PREDICTED: Homo sapiens similar to Group X secretory phospholipase A2 precursor (Phosph
"Homo sapiens family with sequence similarity 86, member A pseudogene (LOC645332), non-c
"PREDICTED: Homo sapiens hypothetical protein LOC645335 (LOC645335), mRNA."
"PREDICTED: Homo sapiens similar to Neutrophil defensin 4 precursor (HNP-4) (HP-4) (Defens
"PREDICTED: Homo sapiens hypothetical protein LOC645342 (LOC645342), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645349 (LOC645349), mRNA."
"PREDICTED: Homo sapiens similar to SMT3 suppressor of mif two 3 homolog 2 (LOC645351)
"PREDICTED: Homo sapiens PRAME family member (LOC645359), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645363 (LOC645363), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645365 (LOC645365), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645378 (LOC645378), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645381), miscRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A1 (LOC6453
"PREDICTED: Homo sapiens misc_RNA (LOC645387), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645393 (LOC645393), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645418 (LOC645418), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645427 (LOC645427), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645430), miscRNA."
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-des
"PREDICTED: Homo sapiens similar to CG7874-PA (LOC645438), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645442 (LOC645442), mRNA."
"PREDICTED: Homo sapiens similar to hCG1782414 (LOC645452), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645476 (LOC645476), mRNA."

"PREDICTED: Homo sapiens hypothetical LOC645478 (LOC645478), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 248 (LOC645481), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645485 (LOC645485), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645487 (LOC645487), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645489 (LOC645489), mRNA."
"PREDICTED: Homo sapiens similar to high mobility group 1 protein (LOC645490), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645492 (LOC645492), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645515), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645534), miscRNA."
"PREDICTED: Homo sapiens similar to Immunoglobulin-binding protein 1 (CD79a-binding prote
"PREDICTED: Homo sapiens hypothetical protein LOC645552 (LOC645552), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645557 (LOC645557), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645558 (LOC645558), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645566 (LOC645566), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645574 (LOC645574), mRNA."
"PREDICTED: Homo sapiens similar to Platelet-derived growth factor A chain precursor (PDGF
"PREDICTED: Homo sapiens similar to Interleukin-9 receptor precursor (IL-9R) (CD129 antigen)
"PREDICTED: Homo sapiens similar to cAMP-dependent protein kinase type I-beta regulatory s
"PREDICTED: Homo sapiens similar to Leo1, Paf1/RNA polymerase II complex component, hor
"PREDICTED: Homo sapiens hypothetical LOC645627 (LOC645627), mRNA."
"PREDICTED: Homo sapiens similar to transmembrane protein 16G isoform NGEP long (LOC6
"PREDICTED: Homo sapiens similar to AIP1 (LOC645636), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645638), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645644 (LOC645644), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645649 (LOC645649), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645652 (LOC645652), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645662 (LOC645662), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645663 (LOC645663), mRNA."
"PREDICTED: Homo sapiens similar to Methyl-CpG binding domain protein 3-like 2 (MBD3-like
"PREDICTED: Homo sapiens hypothetical protein LOC645676, transcript variant 1 (LOC64567
"PREDICTED: Homo sapiens hypothetical protein LOC645681 (LOC645681), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645685 (LOC645685), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L12 (LOC645688), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645689 (LOC645689), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A1 (LOC6456
"PREDICTED: Homo sapiens misc_RNA (LOC645693), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645701 (LOC645701), mRNA."
"PREDICTED: Homo sapiens similar to amyloid beta precursor protein-binding protein 1 isoform
"PREDICTED: Homo sapiens hypothetical protein LOC645708 (LOC645708), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645718 (LOC645718), mRNA."
"PREDICTED: Homo sapiens similar to hCG2037003 (LOC645722), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645726), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC645733 (LOC645733), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645743 (LOC645743), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC645744), miscRNA."
"PREDICTED: Homo sapiens similar to Golgin subfamily A member 6 (Golgin linked to PML) (G
"PREDICTED: Homo sapiens similar to TRIM5/cyclophilin A V1 fusion protein (LOC645762), mF
"PREDICTED: Homo sapiens hypothetical protein LOC645777 (LOC645777), mRNA."
"PREDICTED: Homo sapiens similar to mCG141871 (LOC645781), mRNA."
"PREDICTED: Homo sapiens similar to carbohydrate (N-acetylglucosamine 6-O) sulfotransferas
"PREDICTED: Homo sapiens similar to wingless-type MMTV integration site family, member 9B
"PREDICTED: Homo sapiens hypothetical LOC645848 (LOC645848), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645850 (LOC645850), mRNA."
"PREDICTED: Homo sapiens similar to splicing factor 3a, subunit 2, 66kDa (LOC645852), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC645885 (LOC645885), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645888 (LOC645888), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645895 (LOC645895), mRNA."
"PREDICTED: Homo sapiens similar to Mitotic spindle assembly checkpoint protein MAD1 (Mito
"PREDICTED: Homo sapiens similar to zinc finger protein 598 (LOC645937), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645941 (LOC645941), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645942 (LOC645942), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645944), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC645951 (LOC645951), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645955 (LOC645955), mRNA."
"PREDICTED: Homo sapiens similar to ubiquitin specific protease 6 (LOC645963), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645966 (LOC645966), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC645967 (LOC645967), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S3a (V-fos transformation effecto
"PREDICTED: Homo sapiens misc_RNA (LOC645969), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC645971 (LOC645971), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC645978), miscRNA."
"PREDICTED: Homo sapiens similar to protein phosphatase 1, regulatory (inhibitor) subunit 9A
"PREDICTED: Homo sapiens hypothetical protein LOC645992 (LOC645992), mRNA."
"Homo sapiens similar to ribosomal protein L31 (LOC645993), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L34 (LOC646003), mRNA."
"PREDICTED: Homo sapiens similar to acyl-malonyl condensing enzyme (LOC646004), mRNA.
"PREDICTED: Homo sapiens hypothetical protein LOC646008 (LOC646008), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646009 (LOC646009), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646010 (LOC646010), mRNA."
"PREDICTED: Homo sapiens similar to Aurora kinase A-interacting protein (AURKA-interacting
"PREDICTED: Homo sapiens hypothetical protein LOC646023 (LOC646023), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein MGC40489 (LOC646026), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646030), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC646034 (LOC646034), mRNA."
"PREDICTED: Homo sapiens similar to CG11835-PA (LOC646037), mRNA."
"PREDICTED: Homo sapiens similar to ADP-ribosylation factor 7 (LOC646038), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646044), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC646049 (LOC646049), mRNA."

"PREDICTED: Homo sapiens similar to TBP-associated factor 11 (LOC646066), mRNA."
"PREDICTED: Homo sapiens similar to breast cancer anti-estrogen resistance 1 (LOC646079),
"PREDICTED: Homo sapiens misc_RNA (LOC646093), miscRNA."
"PREDICTED: Homo sapiens similar to protein kinase CHK2 isoform b (LOC646096), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646097 (LOC646097), mRNA."
"PREDICTED: Homo sapiens similar to TBP-associated factor 11 (LOC646103), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646123 (LOC646123), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646130 (LOC646130), mRNA."
"PREDICTED: Homo sapiens similar to proline rich protein 2 (predicted) (LOC646132), mRNA."
"PREDICTED: Homo sapiens similar to hect domain and RLD 2 (LOC646139), mRNA."
"PREDICTED: Homo sapiens similar to tousled-like kinase 2, transcript variant 3 (LOC646144),
"PREDICTED: Homo sapiens hypothetical protein LOC646154 (LOC646154), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646156 (LOC646156), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646191 (LOC646191), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646193 (LOC646193), mRNA."
"PREDICTED: Homo sapiens similar to Heat shock protein HSP 90-beta (HSP 84) (Tumor-spec
"PREDICTED: Homo sapiens hypothetical protein LOC646198 (LOC646198), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 62 homolog (mouse) (LOC646210), n
"PREDICTED: Homo sapiens misc_RNA (LOC646214), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646215 (LOC646215), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646223 (LOC646223), mRNA."
"PREDICTED: Homo sapiens similar to nucleoporin 210 (LOC646226), mRNA."
"PREDICTED: Homo sapiens similar to coxsackie virus and adenovirus receptor precursor (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC646246 (LOC646246), mRNA."
"PREDICTED: Homo sapiens similar to hemicentin 1 (LOC646254), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646262 (LOC646262), mRNA."
"PREDICTED: Homo sapiens similar to programmed cell death 6 interacting protein (LOC64627
"PREDICTED: Homo sapiens misc_RNA (LOC646294), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646296 (LOC646296), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646301), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646307 (LOC646307), mRNA."
"PREDICTED: Homo sapiens similar to Nicotinamide phosphoribosyltransferase (NAmPRTase)
"PREDICTED: Homo sapiens hypothetical protein LOC646312 (LOC646312), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646316), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646320 (LOC646320), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646330), miscRNA."
"PREDICTED: Homo sapiens similar to ATP synthase, H+ transporting, mitochondrial F0 compl
"PREDICTED: Homo sapiens similar to Nuclear envelope pore membrane protein POM 121 (Po
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens misc_RNA (LOC646347), miscRNA."
"PREDICTED: Homo sapiens similar to DnaJ (Hsp40) homolog, subfamily B, member 14 isoforr
"PREDICTED: Homo sapiens similar to Ig heavy chain V-II region ARH-77 precursor (LOC6463
"PREDICTED: Homo sapiens hypothetical protein LOC646376 (LOC646376), mRNA."
"PREDICTED: Homo sapiens similar to absent in melanoma 2 (LOC646381), mRNA."

"PREDICTED: Homo sapiens similar to TFIIH basal transcription factor complex helicase XPB s
"PREDICTED: Homo sapiens hypothetical LOC646434 (LOC646434), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646437 (LOC646437), mRNA."
"PREDICTED: Homo sapiens similar to Sorting nexin-19 (LOC646442), mRNA."
"PREDICTED: Homo sapiens similar to stromal antigen 3 (LOC646443), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein K (LOC64644
"PREDICTED: Homo sapiens similar to Sorting nexin-19 (LOC646448), mRNA."
"PREDICTED: Homo sapiens similar to Sorting nexin-19 (LOC646449), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646458 (LOC646458), mRNA."
"PREDICTED: Homo sapiens similar to Ubiquitin-conjugating enzyme E2 H (Ubiquitin-protein lig
"PREDICTED: Homo sapiens misc_RNA (LOC646476), miscRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L6 (TAX-responsive enhancer ele
"PREDICTED: Homo sapiens similar to Myelin P2 protein (LOC646486), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646491 (LOC646491), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646496 (LOC646496), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646498 (LOC646498), mRNA."
"PREDICTED: Homo sapiens similar to CG14199-PA (LOC646501), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646508 (LOC646508), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646509 (LOC646509), mRNA."
"PREDICTED: Homo sapiens similar to ankyrin repeat domain 30A (LOC646512), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646515 (LOC646515), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646521 (LOC646521), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646527), miscRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens similar to nuclease sensitive element binding protein 1 (LOC6465
"PREDICTED: Homo sapiens hypothetical protein LOC646533 (LOC646533), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646547), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646549 (LOC646549), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646572), miscRNA."
"PREDICTED: Homo sapiens similar to cytochrome P450, family 4, subfamily F, polypeptide 2 (
"PREDICTED: Homo sapiens hypothetical LOC646576 (LOC646576), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646580 (LOC646580), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646585 (LOC646585), mRNA."
"PREDICTED: Homo sapiens similar to Cytochrome P450 4F11 (CYPIVF11) (LOC646596), mR
"PREDICTED: Homo sapiens similar to Chloride intracellular channel protein 4 (Intracellular chlo
"PREDICTED: Homo sapiens hypothetical protein LOC646615 (LOC646615), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646625 (LOC646625), mRNA."
"PREDICTED: Homo sapiens similar to ret finger protein-like 1 (LOC646663), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646672), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646674), miscRNA."
"PREDICTED: Homo sapiens similar to aconitase 2 precursor (LOC646675), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646676 (LOC646676), mRNA."
"PREDICTED: Homo sapiens similar to aconitase 2, mitochondrial (LOC646677), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646688), miscRNA."

"PREDICTED: Homo sapiens similar to Phosphatidylinositol-glycan biosynthesis, class F protein
"PREDICTED: Homo sapiens misc_RNA (LOC646700), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646709), miscRNA."
"PREDICTED: Homo sapiens similar to Keratin, type I cytoskeletal 18 (Cytokeratin-18) (CK-18) (
"PREDICTED: Homo sapiens hypothetical LOC646730 (LOC646730), mRNA."
"PREDICTED: Homo sapiens similar to testicular serine protease 2 (LOC646743), mRNA."
"PREDICTED: Homo sapiens similar to piccolo (presynaptic cytomatrix protein) (LOC646746), m
"PREDICTED: Homo sapiens hypothetical protein LOC646748 (LOC646748), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646750 (LOC646750), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646762 (LOC646762), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646764 (LOC646764), mRNA."
"PREDICTED: Homo sapiens similar to Phosphorylase b kinase alpha regulatory chain, skeletal
"PREDICTED: Homo sapiens hypothetical protein LOC646783 (LOC646783), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646785), miscRNA."
"PREDICTED: Homo sapiens similar to Afadin (AF-6 protein) (LOC646786), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646791), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646796 (LOC646796), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646801), miscRNA."
"PREDICTED: Homo sapiens similar to CG17807-PA (LOC646804), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646808), miscRNA."
"PREDICTED: Homo sapiens similar to Protein SET (Phosphatase 2A inhibitor I2PP2A) (I-2PP2
"PREDICTED: Homo sapiens similar to beta-actin (LOC646821), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646823 (LOC646823), mRNA."
"PREDICTED: Homo sapiens uncharacterized protein LOC646836-like (LOC646836), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC646845 (LOC646845), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646849 (LOC646849), mRNA."
"PREDICTED: Homo sapiens similar to Nonhistone chromosomal protein HMG-17 (High-mobility
"PREDICTED: Homo sapiens similar to protein expressed in prostate, ovary, testis, and placenta
"PREDICTED: Homo sapiens hypothetical LOC646863 (LOC646863), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646882 (LOC646882), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646891), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646897 (LOC646897), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger and BTB domain containing 8 opposite strand
"PREDICTED: Homo sapiens similar to Zinc finger protein 254 (Bone marrow zinc finger 5) (BM
"PREDICTED: Homo sapiens hypothetical protein LOC646914 (LOC646914), mRNA."
"PREDICTED: Homo sapiens similar to Serine/threonine-protein kinase tousled-like 2 (Tousled-l
"PREDICTED: Homo sapiens hypothetical LOC646932 (LOC646932), mRNA."
"PREDICTED: Homo sapiens similar to Jerky protein (LOC646933), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646942), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC646956), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646990 (LOC646990), mRNA."
"PREDICTED: Homo sapiens similar to high-mobility group box 3 (LOC646993), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC646997 (LOC646997), mRNA."
"PREDICTED: Homo sapiens similar to tubulin, beta 5 (LOC647000), mRNA."

"PREDICTED: Homo sapiens similar to CG10343-PA (LOC647009), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647012), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647030), miscRNA."
"PREDICTED: Homo sapiens similar to Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 (P
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a-like (LOC647042),
"PREDICTED: Homo sapiens hypothetical LOC647044 (LOC647044), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647050 (LOC647050), mRNA."
"PREDICTED: Homo sapiens similar to hCG1790759 (LOC647055), mRNA."
"PREDICTED: Homo sapiens similar to suppressor of initiator codon mutations, related sequenc
"PREDICTED: Homo sapiens similar to ribosomal protein L10 (LOC647074), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647081), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647086), miscRNA."
"Homo sapiens similar to ribosomal protein L23A (LOC647099), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647104 (LOC647104), mRNA."
"PREDICTED: Homo sapiens similar to embigin homolog (LOC647121), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647131 (LOC647131), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647150), miscRNA."
"PREDICTED: Homo sapiens similar to glutathione S-transferase alpha 3 (LOC647169), mRNA
"PREDICTED: Homo sapiens hypothetical protein LOC647171 (LOC647171), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647206 (LOC647206), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647213 (LOC647213), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647234 (LOC647234), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647243 (LOC647243), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647244 (LOC647244), mRNA."
"PREDICTED: Homo sapiens similar to PTPRF interacting protein alpha 2 (LOC647246), mRNA
"PREDICTED: Homo sapiens hypothetical LOC647250 (LOC647250), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647281, transcript variant 2 (LOC647281), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC647285), miscRNA."
"PREDICTED: Homo sapiens similar to chromosome 1 open reading frame 36 (LOC647286), m
"PREDICTED: Homo sapiens misc_RNA (LOC647288), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647297 (LOC647297), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647302), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647306 (LOC647306), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647307), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC647309 (LOC647309), mRNA."
"PREDICTED: Homo sapiens similar to testis expressed gene 22 (LOC647310), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647322 (LOC647322), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647326 (LOC647326), mRNA."
"PREDICTED: Homo sapiens similar to T-box 1 isoform C (LOC647335), mRNA."
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region 86T1 precursor (LOC
"PREDICTED: Homo sapiens similar to protocadherin 8 isoform 2 precursor (LOC647339), mRN
"PREDICTED: Homo sapiens similar to ATP synthase, H+ transporting, mitochondrial F1 comple
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region C5 precursor (LOC64
"PREDICTED: Homo sapiens similar to Alcohol dehydrogenase class III chi chain (Glutathione-d

"PREDICTED: Homo sapiens hypothetical protein LOC647347 (LOC647347), mRNA."
"PREDICTED: Homo sapiens similar to AP-3 complex subunit sigma-1 (Adapter-related protein
"PREDICTED: Homo sapiens similar to T-cell receptor beta chain V region CTL-L17 precursor (
"PREDICTED: Homo sapiens similar to Sodium- and chloride-dependent creatine transporter 1
"PREDICTED: Homo sapiens hypothetical protein LOC647389 (LOC647389), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647400 (LOC647400), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647439 (LOC647439), mRNA."
"PREDICTED: Homo sapiens similar to Ankyrin-1 (Erythrocyte ankyrin) (LOC647448), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region HK101 precursor (LOC64745(
"PREDICTED: Homo sapiens similar to heat shock protein 90Bf (LOC647451), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region HK101 precursor (LOC64746(
"PREDICTED: Homo sapiens similar to CG40449-PA.3 (LOC647461), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A3, transcript
"PREDICTED: Homo sapiens similar to poly(A) binding protein, cytoplasmic 1 (LOC647480), mF
"PREDICTED: Homo sapiens similar to F33H2.2 (LOC647481), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647485 (LOC647485), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647488 (LOC647488), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647493 (LOC647493), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647506 (LOC647506), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647509 (LOC647509), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647519 (LOC647519), mRNA."
"PREDICTED: Homo sapiens similar to ring finger protein 185 (LOC647535), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647541 (LOC647541), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647542 (LOC647542), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647579 (LOC647579), mRNA."
"PREDICTED: Homo sapiens similar to sine oculis homeobox homolog 7 (LOC647589), mRNA.
"PREDICTED: Homo sapiens similar to DNA primase large subunit, 58kDa (LOC647592), mRN
"PREDICTED: Homo sapiens hypothetical LOC647597 (LOC647597), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647621 (LOC647621), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647645 (LOC647645), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647650 (LOC647650), mRNA."
"PREDICTED: Homo sapiens similar to Translationally-controlled tumor protein (TCTP) (p23) (H
"PREDICTED: Homo sapiens hypothetical protein LOC647680 (LOC647680), mRNA."
"PREDICTED: Homo sapiens similar to dicer1 (LOC647691), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647710 (LOC647710), mRNA."
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC647713), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647718 (LOC647718), mRNA."
"PREDICTED: Homo sapiens similar to H2B histone family, member F (LOC647719), mRNA."
"PREDICTED: Homo sapiens similar to DNA-directed RNA polymerase II largest subunit (RPB1
"PREDICTED: Homo sapiens similar to CG5514-PB, isoform B (LOC647742), mRNA."
"PREDICTED: Homo sapiens similar to F40G9.9 (LOC647748), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647766 (LOC647766), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647784, transcript variant 2 (LOC647784
"PREDICTED: Homo sapiens hypothetical protein LOC647785 (LOC647785), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC647802 (LOC647802), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647810 (LOC647810), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647819 (LOC647819), mRNA."
"PREDICTED: Homo sapiens similar to cyclin fold protein 1 (LOC647832), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647834 (LOC647834), mRNA."
"PREDICTED: Homo sapiens similar to wingless-type MMTV integration site family, member 7B
"PREDICTED: Homo sapiens hypothetical LOC647839 (LOC647839), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647850 (LOC647850), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC647855 (LOC647855), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin rece
"PREDICTED: Homo sapiens similar to Occludin (LOC647859), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647886), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647920 (LOC647920), mRNA."
"PREDICTED: Homo sapiens similar to fibroblast growth factor receptor 2 isoform IIIb (LOC647
"PREDICTED: Homo sapiens hypothetical protein LOC647947 (LOC647947), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC647954), miscRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens similar to golgin-like protein (LOC647988), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC647993 (LOC647993), mRNA."
"PREDICTED: Homo sapiens similar to COMM domain containing 4 (LOC647995), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L7, transcript variant 1 (LOC6480
"PREDICTED: Homo sapiens hypothetical protein LOC648003 (LOC648003), mRNA."
"PREDICTED: Homo sapiens similar to eukaryotic translation initiation factor 4A, isoform 1 (LOC
"PREDICTED: Homo sapiens similar to Formin-binding protein 3 (Formin-binding protein 11) (FE
"PREDICTED: Homo sapiens hypothetical protein LOC648050 (LOC648050), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648058 (LOC648058), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648059 (LOC648059), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648069 (LOC648069), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648133 (LOC648133), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648149 (LOC648149), mRNA."
"PREDICTED: Homo sapiens similar to germinal histone H4 gene, transcript variant 1 (LOC648
"PREDICTED: Homo sapiens hypothetical protein LOC648173 (LOC648173), mRNA."
"PREDICTED: Homo sapiens similar to RAS and EF hand domain containing (LOC648176), mR
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-dest
"PREDICTED: Homo sapiens hypothetical protein LOC648220 (LOC648220), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648226 (LOC648226), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L10 (QM protein) (Tumor suppres
"PREDICTED: Homo sapiens similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin rece
"PREDICTED: Homo sapiens hypothetical protein LOC648277 (LOC648277), mRNA."
"PREDICTED: Homo sapiens similar to Kelch-like protein 2 (LOC648278), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC648279), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648302 (LOC648302), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648304 (LOC648304), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648309 (LOC648309), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC648362 (LOC648362), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC648364 (LOC648364), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC648365 (LOC648365), mRNA."
"PREDICTED: Homo sapiens similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2)
"PREDICTED: Homo sapiens hypothetical protein LOC648370 (LOC648370), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC648390), miscRNA."
"PREDICTED: Homo sapiens similar to IQ motif containing with AAA domain (LOC648398), mR
"PREDICTED: Homo sapiens similar to Ornithine aminotransferase, mitochondrial precursor (Or
"PREDICTED: Homo sapiens hypothetical LOC648405 (LOC648405), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648432, transcript variant 1 (LOC648432
"PREDICTED: Homo sapiens hypothetical protein LOC648456 (LOC648456), mRNA."
"PREDICTED: Homo sapiens similar to Caspase-4 precursor (CASP-4) (ICH-2 protease) (TX pr
"PREDICTED: Homo sapiens hypothetical protein LOC648476, transcript variant 1 (LOC648476
"PREDICTED: Homo sapiens similar to IQ motif and WD repeats 1 isoform a (LOC648494), mR
"PREDICTED: Homo sapiens hypothetical protein LOC648496 (LOC648496), mRNA."
"PREDICTED: Homo sapiens similar to epiplakin 1 (LOC648526), mRNA."
"PREDICTED: Homo sapiens similar to seizure related 6 homolog (mouse)-like 2 isoform 2 (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC648568 (LOC648568), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648570 (LOC648570), mRNA."
"PREDICTED: Homo sapiens similar to alveolar soft part sarcoma chromosome region, candida
"PREDICTED: Homo sapiens hypothetical protein LOC648590 (LOC648590), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S27 (LOC648622), mRNA."
"PREDICTED: Homo sapiens similar to membrane-spanning 4-domains, subfamily A, member 4
"PREDICTED: Homo sapiens similar to Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 (P
"PREDICTED: Homo sapiens similar to cDNA sequence BC048546, transcript variant 2 (LOC64
"PREDICTED: Homo sapiens hypothetical LOC648657 (LOC648657), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S3a, transcript variant 4 (LOC648659)
"PREDICTED: Homo sapiens misc_RNA (LOC648665), miscRNA."
"PREDICTED: Homo sapiens similar to GRB2-related adaptor protein (LOC648667), mRNA."
"PREDICTED: Homo sapiens similar to retinoblastoma binding protein 4, transcript variant 5 (LO
"PREDICTED: Homo sapiens hypothetical protein LOC648733 (LOC648733), mRNA."
"Homo sapiens ACTB pseudogene (LOC648740), non-coding RNA."
"PREDICTED: Homo sapiens similar to growth suppressor related (LOC648742), mRNA."
"PREDICTED: Homo sapiens similar to Pancreatic alpha-amylase precursor (PA) (1,4-alpha-D-g
"PREDICTED: Homo sapiens hypothetical protein LOC648757, transcript variant 1 (LOC648758
"PREDICTED: Homo sapiens misc_RNA (LOC648771), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648814 (LOC648814), mRNA."
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC648815), mRNA."
"PREDICTED: Homo sapiens similar to hCG2040565 (LOC648822), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648827 (LOC648827), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648852 (LOC648852), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC648859 (LOC648859), mRNA."
"PREDICTED: Homo sapiens similar to T-cell receptor gamma chain V region V108B precursor
"PREDICTED: Homo sapiens hypothetical protein LOC648876 (LOC648876), mRNA."

"PREDICTED: Homo sapiens similar to ATP-binding cassette sub-family D member 1 (Adrenole
"PREDICTED: Homo sapiens hypothetical protein LOC648906, transcript variant 2 (LOC648907
"PREDICTED: Homo sapiens similar to LOC283693 protein (LOC648921), mRNA."
"PREDICTED: Homo sapiens similar to Melanoma-associated antigen 1 (MAGE-1 antigen) (Ant
"PREDICTED: Homo sapiens misc_RNA (LOC648927), miscRNA."
"PREDICTED: Homo sapiens similar to retinitis pigmentosa 1-like 1 (LOC648963), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648974 (LOC648974), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648976 (LOC648976), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC648978, transcript variant 2 (LOC64897
"PREDICTED: Homo sapiens similar to breakpoint cluster region, transcript variant 1 (LOC6489
"PREDICTED: Homo sapiens hypothetical protein LOC648982 (LOC648982), mRNA."
"PREDICTED: Homo sapiens similar to Baculoviral IAP repeat-containing protein 1 (Neuronal ap
"PREDICTED: Homo sapiens hypothetical LOC648993 (LOC648993), mRNA."
"PREDICTED: Homo sapiens similar to paraspeckle protein 1, transcript variant 2 (LOC649009)
"PREDICTED: Homo sapiens similar to SH3-binding kinase (LOC649023), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649025 (LOC649025), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649037 (LOC649037), mRNA."
"PREDICTED: Homo sapiens similar to acidic ribosomal phosphoprotein P0, transcript variant 3
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC649067), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 25 member 24 isoform 1 (LOC6490
"PREDICTED: Homo sapiens hypothetical protein LOC649086 (LOC649086), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC649095 (LOC649095), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649107 (LOC649107), mRNA."
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DRB1-9 beta cha
"PREDICTED: Homo sapiens similar to eukaryotic translation elongation factor 1 alpha 2 (LOC6
"Homo sapiens similar to CG7467-PA, isoform A (LOC649159), mRNA."
"PREDICTED: Homo sapiens similar to CCR4-NOT transcription complex subunit 7 (CCR4-assc
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC649167), mRNA."
"PREDICTED: Homo sapiens similar to WD repeat domain 74, transcript variant 1 (LOC649169)
"PREDICTED: Homo sapiens hypothetical protein LOC649174 (LOC649174), mRNA."
"PREDICTED: Homo sapiens similar to PRAME family member DJ1198H6.2 (LOC649179), mR
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC649192), mRNA."
"PREDICTED: Homo sapiens similar to fructose-1,6-bisphosphatase 2 (LOC649198), mRNA."
"PREDICTED: Homo sapiens similar to Nebulin (LOC649199), mRNA."
"PREDICTED: Homo sapiens similar to Ig lambda chain V region 4A precursor (LOC649210), m
"PREDICTED: Homo sapiens hypothetical protein LOC649212 (LOC649212), mRNA."
"PREDICTED: Homo sapiens similar to High mobility group protein 1-like 10 (HMG-1L10), transc
"PREDICTED: Homo sapiens similar to procollagen, type II, alpha 1 (LOC649217), mRNA."
"PREDICTED: Homo sapiens similar to SET domain and mariner transposase fusion gene (LOC
"PREDICTED: Homo sapiens similar to paraneoplastic antigen MA3 (LOC649238), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649241, transcript variant 1 (LOC649242
"PREDICTED: Homo sapiens similar to Zinc finger protein 92 (Zfp-92) (LOC649248), mRNA."
"PREDICTED: Homo sapiens similar to aminopeptidase puromycin sensitive, transcript variant 1
"PREDICTED: Homo sapiens hypothetical protein LOC649276 (LOC649276), mRNA."

"PREDICTED: Homo sapiens similar to wingless-type MMTV integration site family, member 7B
"PREDICTED: Homo sapiens hypothetical protein LOC649282 (LOC649282), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649318 (LOC649318), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649327 (LOC649327), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein C-like 1 (LOC6
"PREDICTED: Homo sapiens misc_RNA (LOC649346), miscRNA."
"PREDICTED: Homo sapiens similar to cleavage and polyadenylation specific factor 6 (LOC649
"PREDICTED: Homo sapiens similar to voltage-gated sodium channel type V alpha isoform b (L
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC649385), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC649396 (LOC649396), mRNA."
"PREDICTED: Homo sapiens similar to glucosaminyl (N-acetyl) transferase 2 isoform C (LOC64
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC649415), mRNA."
"PREDICTED: Homo sapiens similar to absent in melanoma 2 (LOC649417), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649422 (LOC649422), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649431 (LOC649431), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649432 (LOC649432), mRNA."
"PREDICTED: Homo sapiens similar to Beta-defensin 128 precursor (Beta-defensin 28) (DEFB-
"PREDICTED: Homo sapiens similar to high mobility group nucleosomal binding domain 2, trans
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L29 (Cell surface heparin binding
"PREDICTED: Homo sapiens similar to KARP-1-binding protein (LOC649466), mRNA."
"PREDICTED: Homo sapiens region containing hypothetical protein LOC132241; ACA7 small nu
"PREDICTED: Homo sapiens hypothetical protein LOC649493 (LOC649493), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649500 (LOC649500), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649503 (LOC649503), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC649553), miscRNA."
"PREDICTED: Homo sapiens similar to eukaryotic translation initiation factor 4E, transcript varia
"PREDICTED: Homo sapiens similar to Transcript Y 10 protein (LOC649583), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649584 (LOC649584), mRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 329 (LOC649596), mRNA."
"PREDICTED: Homo sapiens similar to ADP-ribosylation factor-like protein 4A, transcript variant
"PREDICTED: Homo sapiens similar to Heat shock protein HSP 90-beta (HSP 84) (LOC649613
"PREDICTED: Homo sapiens similar to echinoderm microtubule associated protein like 5, transc
"PREDICTED: Homo sapiens similar to Tubulin beta-4q chain, transcript variant 3 (LOC649679)
"PREDICTED: Homo sapiens similar to Neuronal acetylcholine receptor protein, beta-4 subunit
"PREDICTED: Homo sapiens similar to butyrophilin related 1 (LOC649702), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649753, transcript variant 1 (LOC649754
"PREDICTED: Homo sapiens similar to likely ortholog of kinesin light chain 2 (LOC649762), mR
"PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1 (LOC649765), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649775 (LOC649775), mRNA."
"PREDICTED: Homo sapiens similar to cell division cycle 10 isoform 1 (LOC649801), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649812 (LOC649812), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649813 (LOC649813), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649823 (LOC649823), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649826 (LOC649826), mRNA."

"PREDICTED: Homo sapiens similar to mCG7611 (LOC649839), mRNA."
"PREDICTED: Homo sapiens similar to HLA class I histocompatibility antigen, A-29 alpha chain
"PREDICTED: Homo sapiens misc_RNA (LOC649873), miscRNA."
"PREDICTED: Homo sapiens similar to START domain containing 9 (LOC649878), mRNA."
"PREDICTED: Homo sapiens similar to interleukin 6 signal transducer isoform 1 precursor (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC649902 (LOC649902), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC649917), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649921 (LOC649921), mRNA."
"PREDICTED: Homo sapiens similar to Ig gamma-2 chain C region (LOC649923), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649951 (LOC649951), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649952 (LOC649952), mRNA."
"PREDICTED: Homo sapiens similar to creatine kinase, mitochondrial 1B precursor (LOC64997
"PREDICTED: Homo sapiens hypothetical protein LOC649974 (LOC649974), mRNA."
"PREDICTED: Homo sapiens similar to Meiosis expressed protein 1 (LOC649987), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649991 (LOC649991), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC649999 (LOC649999), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650003 (LOC650003), mRNA."
"PREDICTED: Homo sapiens similar to Nucleolar GTP-binding protein 1 (Chronic renal failure g
"PREDICTED: Homo sapiens similar to RNA-binding protein 4 (RNA-binding motif protein 4) (La
"PREDICTED: Homo sapiens similar to Group IIC secretory phospholipase A2 precursor (Phosp
"PREDICTED: Homo sapiens similar to uncharacterized protein family UPF0227 member RGD1
"PREDICTED: Homo sapiens similar to beta-1,4-mannosyltransferase (LOC650037), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650038 (LOC650038), mRNA."
"PREDICTED: Homo sapiens similar to centrosome-associated protein 350 (LOC650087), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC650095), miscRNA."
"PREDICTED: Homo sapiens similar to SHC transforming protein 1 (SH2 domain protein C1) (S
"PREDICTED: Homo sapiens similar to chromosome 1 open reading frame 80 (LOC650132), m
"PREDICTED: Homo sapiens hypothetical LOC650144 (LOC650144), mRNA."
"PREDICTED: Homo sapiens similar to tropomyosin 3 isoform 2 (LOC650152), mRNA."
"PREDICTED: Homo sapiens similar to hCG1812818 (LOC650155), mRNA."
"PREDICTED: Homo sapiens similar to TRIM5/CypA fusion protein (LOC650157), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650159 (LOC650159), mRNA."
"PREDICTED: Homo sapiens similar to Nuclear protein 1 (Protein p8) (Candidate of metastasis
"PREDICTED: Homo sapiens hypothetical protein LOC650210 (LOC650210), mRNA."
"PREDICTED: Homo sapiens similar to Exportin-T (tRNA exportin) (Exportin(tRNA)) (LOC65021
"PREDICTED: Homo sapiens hypothetical LOC650238 (LOC650238), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650243 (LOC650243), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650251 (LOC650251), mRNA."
"PREDICTED: Homo sapiens similar to RNA binding motif protein, X-linked (LOC650253), mRN
"PREDICTED: Homo sapiens similar to hypothetical protein FLJ40722, transcript variant 1 (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC650263 (LOC650263), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650268, transcript variant 2 (LOC650268
"PREDICTED: Homo sapiens similar to unc-93 homolog B1, transcript variant 2 (LOC650274), r
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L7 (LOC650276), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC650278 (LOC650278), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650280 (LOC650280), mRNA."
"PREDICTED: Homo sapiens similar to Kinase suppressor of ras-1 (Kinase suppressor of ras) (
"PREDICTED: Homo sapiens similar to zinc finger and BTB domain containing 8 opposite strand
"PREDICTED: Homo sapiens similar to zinc finger protein 14 (KOX 6) (LOC650330), mRNA."
"PREDICTED: Homo sapiens similar to ataxin-1 ubiquitin-like interacting protein, transcript varia
"PREDICTED: Homo sapiens hypothetical protein LOC650342 (LOC650342), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650346 (LOC650346), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650361 (LOC650361), mRNA."
"Homo sapiens asparagine-linked glycosylation 1 homolog pseudogene (LOC650368), non-codi
"PREDICTED: Homo sapiens similar to family with sequence similarity 60, member A (LOC6503
"PREDICTED: Homo sapiens similar to adiponectin receptor 1 (LOC650390), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650392 (LOC650392), mRNA."
"PREDICTED: Homo sapiens similar to hCG2042707 (LOC650405), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650407 (LOC650407), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650410 (LOC650410), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650427 (LOC650427), mRNA."
"PREDICTED: Homo sapiens similar to keratin, hair, basic, 6 (LOC650428), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650454 (LOC650454), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650455 (LOC650455), mRNA."
"PREDICTED: Homo sapiens similar to CDC42-binding protein kinase beta (LOC650459), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC650482 (LOC650482), mRNA."
"PREDICTED: Homo sapiens similar to Trafficking protein particle complex protein 2 (Sedlin) (M
"PREDICTED: Homo sapiens hypothetical protein LOC650509 (LOC650509), mRNA."
"PREDICTED: Homo sapiens similar to hCG2026922 (LOC650515), mRNA."
"PREDICTED: Homo sapiens similar to Proteasome subunit alpha type 6 (Proteasome iota chai
"PREDICTED: Homo sapiens similar to Importin alpha-2 subunit (Karyopherin alpha-2 subunit) (
"PREDICTED: Homo sapiens similar to Ral guanine nucleotide dissociation stimulator (RalGEF)
"PREDICTED: Homo sapiens similar to ubiquitin specific protease 32, transcript variant 1 (LOC6
"PREDICTED: Homo sapiens similar to Phosphorylase b kinase gamma catalytic chain, testis/liv
"PREDICTED: Homo sapiens similar to alpha 1 type VIII collagen precursor (LOC650568), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC650577 (LOC650577), mRNA."
"PREDICTED: Homo sapiens similar to anaphase-promoting complex subunit 2 (LOC650621), r
"PREDICTED: Homo sapiens hypothetical protein LOC650631 (LOC650631), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650634 (LOC650634), mRNA."
"PREDICTED: Homo sapiens similar to signal recognition particle 54kDa (LOC650638), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S26 (LOC650646), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650668 (LOC650668), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650673 (LOC650673), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650678 (LOC650678), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC650689 (LOC650689), mRNA."
"PREDICTED: Homo sapiens similar to SH3/ankyrin domain gene 2 isoform a (LOC650698), mR
"PREDICTED: Homo sapiens similar to S100 calcium-binding protein A13 (LOC650706), mRNA
"PREDICTED: Homo sapiens similar to CG15021-PA (LOC650708), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC650721 (LOC650721), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650733 (LOC650733), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650737, transcript variant 1 (LOC650737
"PREDICTED: Homo sapiens similar to Immunoglobulin omega chain precursor (VpreB2 protein
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S28 (LOC650788), mRNA."
"PREDICTED: Homo sapiens similar to Ig lambda chain V-I region BL2 precursor (LOC650799),
"PREDICTED: Homo sapiens hypothetical protein LOC650803 (LOC650803), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC650823 (LOC650823), mRNA."
"PREDICTED: Homo sapiens similar to CG9804-PA, transcript variant 2 (LOC650826), mRNA."
"PREDICTED: Homo sapiens similar to mitogen-activated protein kinase kinase 3 isoform A (LO
"PREDICTED: Homo sapiens similar to T-cell receptor alpha chain V region CTL-L17 precursor
"PREDICTED: Homo sapiens hypothetical protein LOC650850 (LOC650850), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650853 (LOC650853), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650862 (LOC650862), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC650881 (LOC650881), mRNA."
"PREDICTED: Homo sapiens similar to CG5700-PB (LOC650889), mRNA."
"PREDICTED: Homo sapiens similar to Hermansky-Pudlak syndrome 1 protein isoform b (LOC6
"PREDICTED: Homo sapiens similar to activating signal cointegrator 1 complex subunit 3-like 1
"PREDICTED: Homo sapiens similar to DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 isofo
"PREDICTED: Homo sapiens hypothetical protein LOC650938 (LOC650938), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC650961 (LOC650961), mRNA."
"PREDICTED: Homo sapiens similar to Signal-transducing adaptor protein 2 (STAP-2) (Breast t
"PREDICTED: Homo sapiens similar to Protein FAM38A (LOC651004), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651006 (LOC651006), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651022 (LOC651022), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651029 (LOC651029), mRNA."
"PREDICTED: Homo sapiens similar to EC2-V2R pheromone receptor (LOC651055), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651075 (LOC651075), mRNA."
"PREDICTED: Homo sapiens similar to Galactoside-binding soluble lectin 13 (Placental tissue p
"PREDICTED: Homo sapiens similar to T-box 1 isoform C (LOC651115), mRNA."
"PREDICTED: Homo sapiens similar to BCL2/adenovirus E1B 19-kDa protein-interacting protein
"PREDICTED: Homo sapiens similar to Claudin-22 (LOC651126), mRNA."
"PREDICTED: Homo sapiens similar to T-complex protein 10A homolog, transcript variant 3 (LO
"PREDICTED: Homo sapiens similar to NADPH dependent diflavin oxidoreductase 1 (LOC6511
"PREDICTED: Homo sapiens hypothetical protein LOC651143, transcript variant 1 (LOC651143
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L3 (L4) (LOC651149), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651175 (LOC651175), mRNA."
"PREDICTED: Homo sapiens similar to Zinc finger SWIM domain containing protein 3 (LOC651
"PREDICTED: Homo sapiens hypothetical protein LOC651197 (LOC651197), mRNA."
"PREDICTED: Homo sapiens similar to hCG2036706 (LOC651198), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651208 (LOC651208), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651212 (LOC651212), mRNA."
"PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily a, 2 (LOC651213), r
"PREDICTED: Homo sapiens similar to protein phosphatase 1, regulatory (inhibitor) subunit 9A

"PREDICTED: Homo sapiens hypothetical protein LOC651280 (LOC651280), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651285 (LOC651285), mRNA."
"PREDICTED: Homo sapiens similar to Zinc finger protein 192 (LD5-1) (LOC651302), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651309 (LOC651309), mRNA."
"PREDICTED: Homo sapiens similar to T25G3.1 (LOC651316), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651337 (LOC651337), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651341 (LOC651341), mRNA."
"PREDICTED: Homo sapiens similar to cystatin SC (LOC651353), mRNA."
"PREDICTED: Homo sapiens similar to cystatin 9-like precursor (LOC651373), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651380 (LOC651380), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651386 (LOC651386), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651398 (LOC651398), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651429 (LOC651429), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651430 (LOC651430), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L9 (LOC651436), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L36 (LOC651453), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651465 (LOC651465), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651467 (LOC651467), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651468 (LOC651468), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651481 (LOC651481), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651493 (LOC651493), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651495 (LOC651495), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651520 (LOC651520), mRNA."
"PREDICTED: Homo sapiens similar to integrin alpha X precursor (LOC651524), mRNA."
"PREDICTED: Homo sapiens similar to immunoglobulin iota chain preproprotein (LOC651536),
"PREDICTED: Homo sapiens hypothetical protein LOC651546 (LOC651546), mRNA."
"PREDICTED: Homo sapiens similar to fetal Alzheimer antigen isoform 2 (LOC651552), mRNA.
"PREDICTED: Homo sapiens hypothetical protein LOC651554 (LOC651554), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651565 (LOC651565), mRNA."
"PREDICTED: Homo sapiens similar to DALR anticodon binding domain containing 3 isoform 1
"PREDICTED: Homo sapiens similar to tubulin, alpha 8 like, transcript variant 2 (LOC651576), n
"PREDICTED: Homo sapiens similar to calmodulin regulated spectrin-associated protein 1-like 1
"PREDICTED: Homo sapiens hypothetical protein LOC651609 (LOC651609), mRNA."
"PREDICTED: Homo sapiens similar to phospholipase D family, member 5 (LOC651617), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC651619 (LOC651619), mRNA."
"PREDICTED: Homo sapiens similar to hydroxysteroid (17-beta) dehydrogenase 7 (LOC651621
"PREDICTED: Homo sapiens hypothetical protein LOC651624 (LOC651624), mRNA."
"PREDICTED: Homo sapiens similar to nuclear pore membrane protein 121 (LOC651630), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC651643 (LOC651643), mRNA."
"PREDICTED: Homo sapiens similar to maternally expressed 3 (LOC651655), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC651697), miscRNA."
"PREDICTED: Homo sapiens similar to mucin 20 (LOC651714), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651729 (LOC651729), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651731 (LOC651731), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC651745 (LOC651745), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC651746 (LOC651746), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651747 (LOC651747), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-II region RPMI 6410 precursor (LOC65
"PREDICTED: Homo sapiens hypothetical protein LOC651772 (LOC651772), mRNA."
"PREDICTED: Homo sapiens similar to BTG3 associated nuclear protein isoform a (LOC651809
"PREDICTED: Homo sapiens similar to Ubiquitin-conjugating enzyme E2S (Ubiquitin-conjugatin
"PREDICTED: Homo sapiens similar to Succinate dehydrogenase [ubiquinone] cytochrome b sr
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DRB1-1 beta cha
"PREDICTED: Homo sapiens similar to MARCKS-related protein (MARCKS-like protein 1) (Mac
"PREDICTED: Homo sapiens similar to nuclear factor of activated T-cells, cytoplasmic, calcineu
"PREDICTED: Homo sapiens hypothetical protein LOC651860 (LOC651860), mRNA."
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC651861), mRNA."
"PREDICTED: Homo sapiens similar to C-C chemokine receptor type 11 (C-C CKR-11) (CC-CK
"PREDICTED: Homo sapiens hypothetical protein LOC651876 (LOC651876), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651881 (LOC651881), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S12 (LOC651894), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651914 (LOC651914), mRNA."
"PREDICTED: Homo sapiens similar to Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (
"PREDICTED: Homo sapiens similar to ataxia telangiectasia and Rad3 related protein (LOC651
"PREDICTED: Homo sapiens similar to RuvB-like protein 1 (LOC651933), mRNA."
"PREDICTED: Homo sapiens similar to zygote arrest 1 (LOC651951), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC651957 (LOC651957), mRNA."
"PREDICTED: Homo sapiens similar to FSHD region gene 2 protein (LOC651959), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-III region CLL precursor (Rheumatoid f
"PREDICTED: Homo sapiens similar to Ig heavy chain V-I region HG3 precursor (LOC651963),
"PREDICTED: Homo sapiens hypothetical protein LOC651979 (LOC651979), mRNA."
"PREDICTED: Homo sapiens similar to pyruvate dehydrogenase phosphatase regulatory subun
"PREDICTED: Homo sapiens similar to xenobiotic/medium-chain fatty acid:CoA ligase (LOC651
"PREDICTED: Homo sapiens hypothetical protein LOC652015 (LOC652015), mRNA."
"PREDICTED: Homo sapiens similar to mindbomb homolog 2 (LOC652022), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652038 (LOC652038), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652044 (LOC652044), mRNA."
"PREDICTED: Homo sapiens similar to hect (homologous to the E6-AP (UBE3A) carboxyl termi
"PREDICTED: Homo sapiens hypothetical protein LOC652048 (LOC652048), mRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region WEA (LOC652067), mRNA."
"PREDICTED: Homo sapiens similar to 60S ribosomal protein L23a (LOC652071), mRNA."
"PREDICTED: Homo sapiens similar to galectin-related inter-fiber protein (LOC652078), mRNA.
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC652080
"PREDICTED: Homo sapiens hypothetical protein LOC652094 (LOC652094), mRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-I region HG3 precursor (LOC652102),
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC652113
"PREDICTED: Homo sapiens similar to F59A6.3 (LOC652115), mRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-I region V35 precursor (LOC652126), r

"PREDICTED: Homo sapiens hypothetical protein LOC652127 (LOC652127), mRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-II region ARH-77 precursor (LOC6521
"PREDICTED: Homo sapiens similar to N-ethylmaleimide sensitive fusion protein (LOC652134),
"PREDICTED: Homo sapiens similar to DNA-directed RNA polymerase II largest subunit (LOC6
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC652141
"PREDICTED: Homo sapiens similar to U5 snRNP-specific protein, 200 kDa (LOC652147), mRI
"PREDICTED: Homo sapiens similar to Ig heavy chain V-I region HG3 precursor (LOC652155),
"PREDICTED: Homo sapiens hypothetical protein LOC652160 (LOC652160), mRNA."
"PREDICTED: Homo sapiens similar to synovial sarcoma, X breakpoint 9 (LOC652163), mRNA.
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein isoform 1 (LO
"PREDICTED: Homo sapiens similar to retrotransposon gag domain containing 1 (LOC652175),
"PREDICTED: Homo sapiens similar to Lymphocyte antigen 75 precursor (DEC-205) (CD205 ar
"PREDICTED: Homo sapiens similar to ribonuclease/angiogenin inhibitor 1 (LOC652190), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC652203 (LOC652203), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652209 (LOC652209), mRNA."
"PREDICTED: Homo sapiens similar to family with sequence similarity 70, member B (LOC6522
"PREDICTED: Homo sapiens hypothetical protein LOC652226 (LOC652226), mRNA."
"PREDICTED: Homo sapiens similar to stereocilin (LOC652234), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652235 (LOC652235), mRNA."
"PREDICTED: Homo sapiens similar to nuclear protein in testis (LOC652252), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652255 (LOC652255), mRNA."
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein isoform 2 (LO
"PREDICTED: Homo sapiens similar to ras homolog gene family, member Q (LOC652274), mR
"PREDICTED: Homo sapiens hypothetical protein LOC652287 (LOC652287), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC652291 (LOC652291), mRNA."
"PREDICTED: Homo sapiens similar to PMS1 protein homolog 2 (DNA mismatch repair protein
"PREDICTED: Homo sapiens similar to hypothetical protein LOC285927 (LOC652305), mRNA."
"PREDICTED: Homo sapiens similar to Kinase suppressor of ras-1 (Kinase suppressor of ras) (
"PREDICTED: Homo sapiens hypothetical protein LOC652322 (LOC652322), mRNA."
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1 (LOC652324), r
"PREDICTED: Homo sapiens similar to LIM and senescent cell antigen-like domains 1 (LOC652
"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC652344
"PREDICTED: Homo sapiens hypothetical protein LOC652373 (LOC652373), mRNA."
"PREDICTED: Homo sapiens similar to C1q and tumor necrosis factor related protein 4 (LOC65
"PREDICTED: Homo sapiens similar to cytochrome P450, family 2, subfamily J, polypeptide 2, E
"PREDICTED: Homo sapiens similar to nodal modulator 2 isoform 2 (LOC652388), mRNA."
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC652389), mRNA."
"PREDICTED: Homo sapiens similar to TFIIH basal transcription factor complex p44 subunit (Ba
"PREDICTED: Homo sapiens similar to myosin light chain kinase isoform 1 (LOC652408), mRN
"PREDICTED: Homo sapiens similar to CG9682-PA (LOC652417), mRNA."
"PREDICTED: Homo sapiens similar to Zona pellucida sperm-binding protein 3 precursor (Zona
"PREDICTED: Homo sapiens similar to Nucleolar transcription factor 1 (Upstream-binding factor
"PREDICTED: Homo sapiens hypothetical LOC652448 (LOC652448), mRNA."
"PREDICTED: Homo sapiens similar to serine hydrolase-like 2 (LOC652456), mRNA."

"PREDICTED: Homo sapiens similar to Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (H
"PREDICTED: Homo sapiens hypothetical protein LOC652463 (LOC652463), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652470 (LOC652470), mRNA."
"PREDICTED: Homo sapiens similar to major histocompatibility complex, class II, DR beta 4 pre
"PREDICTED: Homo sapiens similar to Nonhistone chromosomal protein HMG-17 (High-mobilit
"PREDICTED: Homo sapiens similar to SMT3 suppressor of mif two 3 homolog 2 (LOC652489)
"PREDICTED: Homo sapiens hypothetical LOC652491 (LOC652491), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652492 (LOC652492), mRNA."
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region HK102 precursor (LOC652493
"PREDICTED: Homo sapiens similar to Ig gamma-3 chain C region, membrane-bound form (LO
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC652505), mRNA."
"PREDICTED: Homo sapiens similar to Exocyst complex component Sec15B (LOC652508), mR
"PREDICTED: Homo sapiens similar to CG14446-PA (LOC652512), mRNA."
"PREDICTED: Homo sapiens similar to SEC13-like 1 (LOC652519), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652529 (LOC652529), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652530 (LOC652530), mRNA."
"PREDICTED: Homo sapiens similar to N-ethylmaleimide-sensitive factor (LOC652536), mRNA.
"PREDICTED: Homo sapiens hypothetical protein LOC652541 (LOC652541), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652542 (LOC652542), mRNA."
"PREDICTED: Homo sapiens similar to Matrix metalloproteinase-19 precursor (MMP-19) (Matrix
"PREDICTED: Homo sapiens similar to Protein C21orf70 homolog (LOC652545), mRNA."
"PREDICTED: Homo sapiens similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2)
"PREDICTED: Homo sapiens similar to piwi-like 2 (LOC652554), mRNA."
"PREDICTED: Homo sapiens similar to T-cell surface glycoprotein CD8 beta chain precursor (C
"PREDICTED: Homo sapiens similar to mediator of RNA polymerase II transcription, subunit 28
"PREDICTED: Homo sapiens similar to male sterility domain containing 1 (LOC652570), mRNA
"PREDICTED: Homo sapiens similar to Fc fragment of IgG, low affinity IIIa, receptor for (CD16)
"PREDICTED: Homo sapiens similar to double homeobox 4c (LOC652586), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652588 (LOC652588), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 34 (sodium phosphate), member 3 (
"PREDICTED: Homo sapiens similar to polycystin 1 isoform 2 precursor (LOC652594), mRNA."
"PREDICTED: Homo sapiens similar to U2 small nuclear ribonucleoprotein A (U2 snRNP-A) (LC
"PREDICTED: Homo sapiens hypothetical LOC652602 (LOC652602), mRNA."
"PREDICTED: Homo sapiens similar to Polyadenylate-binding protein 1 (Poly(A)-binding protein
"PREDICTED: Homo sapiens similar to MHC class I antigen (LOC652614), mRNA."
"PREDICTED: Homo sapiens similar to Anaphase promoting complex subunit 1 (APC1) (Cyclos
"PREDICTED: Homo sapiens similar to neutrophil cytosolic factor 1 (LOC652616), mRNA."
"PREDICTED: Homo sapiens similar to Ran-binding protein 2 (RanBP2) (Nuclear pore complex
"PREDICTED: Homo sapiens similar to Baculoviral IAP repeat-containing protein 1 (Neuronal ap
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC652628), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC652629 (LOC652629), mRNA."
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC652633), mRNA."
"PREDICTED: Homo sapiens similar to fem-1 homolog a (LOC652634), mRNA."
"PREDICTED: Homo sapiens similar to WAS protein homology region 2 domain containing 1 (L

"PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC652651
"PREDICTED: Homo sapiens similar to solute carrier family 34 (sodium phosphate), member 3 (
"PREDICTED: Homo sapiens hypothetical LOC652663 (LOC652663), mRNA."
"PREDICTED: Homo sapiens similar to RAS p21 protein activator 4 (LOC652668), mRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S3a (V-fos transformation effecto
"PREDICTED: Homo sapiens similar to promyelocytic leukemia protein isoform 9 (LOC652671),
"PREDICTED: Homo sapiens similar to Recombining binding protein suppressor of hairless (J k
"PREDICTED: Homo sapiens similar to sperm protein associated with the nucleus, X chromosor
"PREDICTED: Homo sapiens similar to PMS1 protein homolog 2 (DNA mismatch repair protein
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region HK102 precursor (LOC652694
"PREDICTED: Homo sapiens hypothetical protein LOC652697 (LOC652697), mRNA."
"PREDICTED: Homo sapiens similar to Tripartite motif protein 26 (Zinc finger protein 173) (Acid
"PREDICTED: Homo sapiens similar to Neutrophil cytosol factor 1 (NCF-1) (Neutrophil NADPH
"PREDICTED: Homo sapiens similar to Galectin-9 (HOM-HD-21) (Ecalectin) (LOC652703), mRN
"PREDICTED: Homo sapiens similar to DNA damage binding protein 1 (Damage-specific DNA b
"PREDICTED: Homo sapiens similar to Galectin-9 (HOM-HD-21) (Ecalectin) (LOC652712), mRN
"PREDICTED: Homo sapiens similar to LIM homeobox protein 1 (LOC652721), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC652730 (LOC652730), mRNA."
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC652735), mRNA."
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC652736), mRNA."
"PREDICTED: Homo sapiens similar to Rab GTPase binding effector protein 2 (Rabaptin-5beta)
"PREDICTED: Homo sapiens similar to Ig kappa chain V-I region Walker precursor (LOC652745
"PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC652747), mRNA."
"PREDICTED: Homo sapiens similar to Baculoviral IAP repeat-containing protein 1 (Neuronal ap
"PREDICTED: Homo sapiens similar to Rap guanine nucleotide exchange factor 2 (PDZ domain
"PREDICTED: Homo sapiens hypothetical protein LOC652762 (LOC652762), mRNA."
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC652764), mRNA."
"PREDICTED: Homo sapiens similar to small EDRK-rich factor 1A, telomeric (LOC652765), mR
"PREDICTED: Homo sapiens similar to espin (LOC652768), mRNA."
"PREDICTED: Homo sapiens similar to general transcription factor II, i isoform 1 (LOC652771),
"PREDICTED: Homo sapiens similar to Shwachman-Bodian-Diamond syndrome (predicted) (LO
"PREDICTED: Homo sapiens similar to Ig kappa chain V-V region L7 precursor (LOC652775), m
"PREDICTED: Homo sapiens similar to Killer cell immunoglobulin-like receptor 2DS3 precursor
"PREDICTED: Homo sapiens similar to Arachidonate 5-lipoxygenase (5-lipoxygenase) (5-LO) (L
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1 (LOC652790), r
"PREDICTED: Homo sapiens similar to Pyruvate kinase, isozymes M1/M2 (Pyruvate kinase mus
"PREDICTED: Homo sapiens similar to Mast/stem cell growth factor receptor precursor (SCFR)
"PREDICTED: Homo sapiens hypothetical protein LOC652805 (LOC652805), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC652806 (LOC652806), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC652808 (LOC652808), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC652809 (LOC652809), mRNA."
"PREDICTED: Homo sapiens similar to MEGF10 protein (LOC652819), mRNA."
"PREDICTED: Homo sapiens similar to 26S protease regulatory subunit 6B (MIP224) (MB67-int
"PREDICTED: Homo sapiens similar to Solute carrier family 26, member 11 (LOC652834), mRN

"PREDICTED: Homo sapiens similar to C-terminal binding protein 2 (LOC652837), mRNA."
"PREDICTED: Homo sapiens similar to lethal giant larvae homolog 2 isoform a (LOC652838), m
"PREDICTED: Homo sapiens similar to cytochrome P450 4Z1 (LOC652843), mRNA."
"PREDICTED: Homo sapiens similar to Ig heavy chain V-II region ARH-77 precursor (LOC6528
"PREDICTED: Homo sapiens hypothetical protein LOC652860 (LOC652860), mRNA."
"PREDICTED: Homo sapiens similar to Mitochondrial import inner membrane translocase subur
"PREDICTED: Homo sapiens similar to hCG2029978 (LOC652865), mRNA."
"PREDICTED: Homo sapiens similar to SAPS domain family member 2 (LOC652875), mRNA."
"PREDICTED: Homo sapiens similar to melanoma antigen family B, 6 (LOC652887), mRNA."
"PREDICTED: Homo sapiens similar to SEZ6L2 protein (LOC652900), mRNA."
"PREDICTED: Homo sapiens similar to Bcl-XL-binding protein v68 (LOC652903), mRNA."
"PREDICTED: Homo sapiens similar to Cks1 protein homologue (LOC652904), mRNA."
"Homo sapiens hypothetical protein LOC652968 (LOC652968), mRNA."
"PREDICTED: Homo sapiens similar to transmembrane protease, serine 11E (LOC653057), mR
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 8A (LOC653061),
"PREDICTED: Homo sapiens similar to inhibitor of growth family, member 5, transcript variant 4
"PREDICTED: Homo sapiens similar to CG32820-PA, isoform A, transcript variant 4 (LOC65307
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 8A, transcript varia
"PREDICTED: Homo sapiens similar to zinc finger, DHHC domain containing 11, transcript varia
"PREDICTED: Homo sapiens similar to RAN-binding protein 2-like 1 isoform 2, transcript variant
"PREDICTED: Homo sapiens similar to CG9240-PA (LOC653093), mRNA."
"PREDICTED: Homo sapiens similar to transmembrane protein 29, transcript variant 3 (LOC653
"PREDICTED: Homo sapiens hypothetical LOC653097 (LOC653097), mRNA."
"PREDICTED: Homo sapiens similar to Ankyrin repeat domain-containing protein 11 (Ankyrin re
"PREDICTED: Homo sapiens similar to Proline-rich nuclear receptor coactivator 2, transcript var
"PREDICTED: Homo sapiens similar to coxsackie virus and adenovirus receptor precursor (LOC
"PREDICTED: Homo sapiens hypothetical LOC653113 (LOC653113), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC653114 (LOC653114), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A3, transcript
"PREDICTED: Homo sapiens similar to block of proliferation 1 (LOC653119), mRNA."
"PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily A member 2 (Golgi m
"PREDICTED: Homo sapiens similar to GTPase activating Rap/RanGAP domain-like 4, transcri
"PREDICTED: Homo sapiens similar to protein tyrosine phosphatase, non-receptor type 20, trar
"PREDICTED: Homo sapiens similar to Nucleosome binding protein 1 (Nucleosome binding pro
"PREDICTED: Homo sapiens similar to Annexin A8 (Annexin VIII) (Vascular anticoagulant-beta)
"Homo sapiens hCG1995786 (LOC653147), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein MGC40405, transcript variant 1 (LO
"PREDICTED: Homo sapiens similar to MAPK-interacting and spindle-stabilizing protein (LOC65
"PREDICTED: Homo sapiens similar to family with sequence similarity 29, member A (LOC6531
"PREDICTED: Homo sapiens hypothetical LOC653186 (LOC653186), mRNA."
"PREDICTED: Homo sapiens similar to basic transcription factor 3-like 4 (LOC653189), mRNA."
"PREDICTED: Homo sapiens similar to hypothetical protein FLJ33915, transcript variant 1 (LOC
"PREDICTED: Homo sapiens hypothetical LOC653199 (LOC653199), mRNA."
"PREDICTED: Homo sapiens similar to tripartite motif-containing 62 (LOC653200), mRNA."

"PREDICTED: Homo sapiens similar to myotubularin related protein 1 (LOC653204), mRNA."
"PREDICTED: Homo sapiens similar to THAP domain protein 4, transcript variant 2 (LOC65320
"PREDICTED: Homo sapiens hypothetical protein LOC653211 (LOC653211), mRNA."
"PREDICTED: Homo sapiens similar to Signal recognition particle 9 kDa protein (SRP9) (LOC65
"PREDICTED: Homo sapiens similar to centaurin, gamma-like family, member 1 (LOC653234),
"PREDICTED: Homo sapiens similar to growth factor receptor-bound protein 2 (LOC653241), m
"PREDICTED: Homo sapiens similar to fumarylacetoacetate hydrolase domain containing 2A (L
"PREDICTED: Homo sapiens similar to nuclear RNA export factor 2, transcript variant 5 (LOC65
"PREDICTED: Homo sapiens similar to Gamma-glutamyltranspeptidase 1 precursor (Gamma-gl
"PREDICTED: Homo sapiens similar to Smooth muscle cell-expressed and macrophage conditi
"PREDICTED: Homo sapiens similar to Nucleosome-binding protein 1 (Nucleosome-binding pro
"PREDICTED: Homo sapiens hypothetical LOC653265 (LOC653265), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC653270 (LOC653270), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC653276 (LOC653276), mRNA."
"PREDICTED: Homo sapiens similar to LOC388161, transcript variant 1 (LOC653291), mRNA."
"PREDICTED: Homo sapiens similar to CSAG family, member 2 (LOC653297), mRNA."
"PREDICTED: Homo sapiens similar to N-acylsphingosine amidohydrolase 2, transcript variant 1
"PREDICTED: Homo sapiens similar to Neutrophil cytosol factor 1 (NCF-1) (Neutrophil NADPH
"PREDICTED: Homo sapiens similar to ATP synthase, H+ transporting, mitochondrial F0 compl
"PREDICTED: Homo sapiens similar to dipeptidylpeptidase VI isoform 1 (LOC653338), mRNA."
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130, transcript variant 2 (LO
"PREDICTED: Homo sapiens similar to eukaryotic translation initiation factor 3, subunit 8, transc
"PREDICTED: Homo sapiens similar to amrmadillo repeat containing, X-linked 6 (H. sapiens)-lik
"PREDICTED: Homo sapiens similar to glutamate receptor, ionotrophic, AMPA 4 (LOC653366),
"PREDICTED: Homo sapiens RCC1-like G exchanging factor-like (LOC653375), mRNA."
"PREDICTED: Homo sapiens similar to family with sequence similarity 36, member A (LOC6533
"PREDICTED: Homo sapiens similar to TBC1 domain family, member 3C, transcript variant 1 (L
"PREDICTED: Homo sapiens misc_RNA (LOC653381), miscRNA."
"PREDICTED: Homo sapiens similar to CG33932-PA, isoform A (LOC653383), mRNA."
"PREDICTED: Homo sapiens similar to cancer/testis antigen 1A, transcript variant 2 (LOC65338
"PREDICTED: Homo sapiens similar to transcription elongation factor B polypeptide 3C (LOC65
"PREDICTED: Homo sapiens similar to sperm associated antigen 11 isoform H precursor, trans
"PREDICTED: Homo sapiens similar to zinc finger protein 75, transcript variant 2 (LOC653425),
"PREDICTED: Homo sapiens similar to CG33096-PB, isoform B, transcript variant 1 (LOC65343
"PREDICTED: Homo sapiens hypothetical LOC653450 (LOC653450), mRNA."
"PREDICTED: Homo sapiens similar to Ribosome biogenesis protein BMS1 homolog (LOC6534
"PREDICTED: Homo sapiens similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2)
"PREDICTED: Homo sapiens similar to Ribosome biogenesis protein BMS1 homolog, transcript
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 8B (LOC653472),
"PREDICTED: Homo sapiens similar to mitochondrial ribosomal protein L45, transcript variant 1
"PREDICTED: Homo sapiens similar to chromosome 6 open reading frame 123 (LOC653481), r
"PREDICTED: Homo sapiens similar to Ran-binding protein 2 (RanBP2) (Nuclear pore complex
"PREDICTED: Homo sapiens similar to hypothetical gene supported by AK123662 (LOC653496
"Homo sapiens similar to Galectin-7 (Gal-7) (HKL-14) (PI7) (p53-induced protein 1) (LOC653499

"Homo sapiens zinc finger protein 658 pseudogene (LOC653501), non-coding RNA."
"PREDICTED: Homo sapiens similar to cyclophilin-LC (COAS2) (LOC653505), mRNA."
"PREDICTED: Homo sapiens similar to meteorin, glial cell differentiation regulator-like (LOC653
"PREDICTED: Homo sapiens similar to phosphodiesterase 4D interacting protein isoform 2 (LO
"PREDICTED: Homo sapiens similar to cancer/testis antigen CT45 (LOC653515), mRNA."
"PREDICTED: Homo sapiens similar to Notum CG13076-PB, isoform B (LOC653520), mRNA."
"PREDICTED: Homo sapiens similar to amyotrophic lateral sclerosis 2 (juvenile) chromosome re
"Homo sapiens double homeobox, 4-like (LOC653545), mRNA."
"PREDICTED: Homo sapiens similar to Charged multivesicular body protein 4b (Chromatin mod
"PREDICTED: Homo sapiens hypothetical LOC653557 (LOC653557), mRNA."
"PREDICTED: Homo sapiens similar to Rho-associated protein kinase 1 (Rho-associated, coiled
"PREDICTED: Homo sapiens similar to solute carrier family 6 (neurotransmitter transporter, crea
"Homo sapiens similar to Signal peptidase complex subunit 2 (Microsomal signal peptidase 25 k
"PREDICTED: Homo sapiens similar to similar to protein of unknown function (LOC653567), mR
"PREDICTED: Homo sapiens similar to polycythemia rubra vera 1 (LOC653579), mRNA."
"PREDICTED: Homo sapiens similar to sperm protein associated with the nucleus, X chromosor
"PREDICTED: Homo sapiens similar to TANK-binding kinase 1 (LOC653581), mRNA."
"PREDICTED: Homo sapiens similar to PR domain containing 2, with ZNF domain, transcript va
"PREDICTED: Homo sapiens similar to peptidylprolyl isomerase A (cyclophilin A)-like 4 (LOC65
"PREDICTED: Homo sapiens similar to Neutrophil defensin 1 precursor (HNP-1) (HP-1) (HP1) (
"PREDICTED: Homo sapiens similar to armadillo repeat containing 8 (LOC653601), mRNA."
"PREDICTED: Homo sapiens similar to Histone H2A.o (H2A/o) (H2A.2) (H2a-615) (LOC653610
"PREDICTED: Homo sapiens similar to eEF1A2 binding protein (LOC653616), mRNA."
"PREDICTED: Homo sapiens similar to chromosome 21 open reading frame 25 (LOC653620), r
"PREDICTED: Homo sapiens similar to caspase recruitment domain family, member 11 (LOC65
"PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily A member 6 (Golgin
"PREDICTED: Homo sapiens similar to Williams Beuren syndrome chromosome region 19, tran
"PREDICTED: Homo sapiens hypothetical LOC653630 (LOC653630), mRNA."
"PREDICTED: Homo sapiens similar to 130kDa-Ins(1,4,5)P3 binding protein (LOC653632), mRI
"PREDICTED: Homo sapiens similar to Golgin subfamily A member 6 (Golgin linked to PML) (G
"PREDICTED: Homo sapiens similar to DEAH (Asp-Glu-Ala-His) box polypeptide 40 (LOC65364
"PREDICTED: Homo sapiens similar to 3-phosphoinositide dependent protein kinase 1 (hPDK1)
"PREDICTED: Homo sapiens hypothetical LOC653653 (LOC653653), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S23 (LOC653658), mRNA."
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1, transcript variar
"PREDICTED: Homo sapiens similar to TAF1 RNA polymerase II, TATA box binding protein (TB
"PREDICTED: Homo sapiens similar to defensin, beta 106A (LOC653667), mRNA."
"PREDICTED: Homo sapiens similar to armadillo repeat containing 9 (LOC653683), mRNA."
"PREDICTED: Homo sapiens similar to Angiotensin-converting enzyme, testis-specific isoform p
"PREDICTED: Homo sapiens similar to tuftelin interacting protein 11 (LOC653715), mRNA."
"PREDICTED: Homo sapiens similar to hect domain and RLD 2, transcript variant 1 (LOC65371
"PREDICTED: Homo sapiens similar to actin-related protein 3-beta, transcript variant 2 (LOC65
"PREDICTED: Homo sapiens hypothetical LOC653735 (LOC653735), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S6 kinase, polypeptide 1 (LOC653741

"PREDICTED: Homo sapiens similar to WD repeat domain 42A (LOC653750), mRNA."
"PREDICTED: Homo sapiens similar to dexamethasone-induced transcript (LOC653752), mRN
"PREDICTED: Homo sapiens similar to zinc finger protein 142 (clone pHZ-49) (LOC653759), mI
"PREDICTED: Homo sapiens similar to solute carrier family 25, member 37 (LOC653778), mRN
"PREDICTED: Homo sapiens similar to Group 10 secretory phospholipase A2 precursor (Group
"PREDICTED: Homo sapiens similar to methyltransferase 5 domain containing 1 (LOC653803),
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a-like (LOC653806),
"PREDICTED: Homo sapiens similar to family with sequence similarity 72, member A, transcript
"PREDICTED: Homo sapiens similar to hypothetical protein FLJ36166, transcript variant 4 (LOC
"PREDICTED: Homo sapiens similar to rho guanine nucleotide exchange factor 5 isoform 1, trar
"PREDICTED: Homo sapiens similar to actin-related protein 3-beta, transcript variant 2 (LOC65
"PREDICTED: Homo sapiens similar to Dihydrofolate reductase, transcript variant 1 (LOC65387
"PREDICTED: Homo sapiens similar to Temporarily Assigned Gene name family member (tag-1
"PREDICTED: Homo sapiens similar to Cytosolic acyl coenzyme A thioester hydrolase, inducible
"PREDICTED: Homo sapiens similar to FUS interacting protein (serine-arginine rich) 1 (LOC653
"PREDICTED: Homo sapiens similar to hCG2014503 (LOC653885), mRNA."
"PREDICTED: Homo sapiens similar to AF4/FMR2 family member 1 (Protein AF-4) (Proto-oncog
"PREDICTED: Homo sapiens similar to Actin-related protein 2/3 complex subunit 1B (ARP2/3 co
"PREDICTED: Homo sapiens similar to kelch-like 2, Mayven; mayven; kelch (Drosophila)-like 2
"PREDICTED: Homo sapiens similar to protein geranylgeranyltransferase type I, beta subunit (L
"PREDICTED: Homo sapiens similar to zinc finger protein 266 (LOC653905), mRNA."
"PREDICTED: Homo sapiens similar to complement receptor related protein isoform 1 (LOC653
"PREDICTED: Homo sapiens hypothetical LOC653924 (LOC653924), mRNA."
"PREDICTED: Homo sapiens similar to EGFR-coamplified and overexpressed protein, transcrip
"PREDICTED: Homo sapiens similar to pleckstrin homology domain containing, family F (with FY
"PREDICTED: Homo sapiens similar to chromobox homolog 3 (LOC653972), mRNA."
"PREDICTED: Homo sapiens similar to BTB and CNC homology 1, basic leucine zipper transcri
"PREDICTED: Homo sapiens similar to eukaryotic translation initiation factor 4H isoform 2, trans
"PREDICTED: Homo sapiens similar to Glutathione S-transferase theta 1 (GST class-theta 1) (C
"PREDICTED: Homo sapiens similar to DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26, tran
"PREDICTED: Homo sapiens similar to dehydrogenase/reductase (SDR family) member 4 like 2
"PREDICTED: Homo sapiens similar to hypothetical LOC389634 (LOC654053), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein C isoform b, tr
"PREDICTED: Homo sapiens similar to CG10343-PA (LOC654092), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 25, member 37 (LOC654103), mRN
"PREDICTED: Homo sapiens similar to isocitrate dehydrogenase 3, gamma (LOC654113), mRN
"PREDICTED: Homo sapiens similar to Sphingomyelin phosphodiesterase precursor (Acid sphin
"PREDICTED: Homo sapiens similar to chromosome 3 open reading frame 21 (LOC654117), m
"PREDICTED: Homo sapiens similar to leucine rich repeat containing 37B, transcript variant 1 (l
"PREDICTED: Homo sapiens similar to adaptor-related protein complex 1 sigma 2 subunit (LOC
"PREDICTED: Homo sapiens similar to SH3 and multiple ankyrin repeat domains protein 2 (Sha
"PREDICTED: Homo sapiens similar to radical S-adenosyl methionine and flavodoxin domains 1
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DR-W53 beta ch
"PREDICTED: Homo sapiens similar to family with sequence similarity 76, member A (LOC6541

"PREDICTED: Homo sapiens similar to glycerophosphodiester phosphodiesterase domain conta
"PREDICTED: Homo sapiens similar to soluble adenylyl cyclase, transcript variant 2 (LOC65417
"PREDICTED: Homo sapiens similar to lethal (2) k00619 CG4775-PA (LOC654174), mRNA."
"PREDICTED: Homo sapiens similar to CG11064-PA (LOC654187), mRNA."
"PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A3, transcript
"PREDICTED: Homo sapiens similar to similar to RIKEN cDNA 4933437K13 (LOC654191), mR
"PREDICTED: Homo sapiens similar to PR domain containing 2, with ZNF domain, transcript va
"PREDICTED: Homo sapiens similar to polycythemia rubra vera 1 (LOC654203), mRNA."
"PREDICTED: Homo sapiens similar to eEF1A2 binding protein (LOC654209), mRNA."
"PREDICTED: Homo sapiens similar to mitochondrial carrier protein MGC4399 (LOC654244), m
"PREDICTED: Homo sapiens similar to zinc finger protein 595 (LOC654254), mRNA."
"PREDICTED: Homo sapiens similar to beta-tubulin cofactor D isoform 1 (LOC654260), mRNA."
"PREDICTED: Homo sapiens similar to RAB4B, member RAS oncogene family (LOC654335), m
"PREDICTED: Homo sapiens similar to galectin 9 short isoform, transcript variant 2 (LOC65434
"Homo sapiens hypothetical LOC654433 (LOC654433), non-coding RNA."
"Homo sapiens hypothetical locus LOC678655 (LOC678655), non-coding RNA."
"Homo sapiens hepatopoietin PCn127 (LOC723972), non-coding RNA."
"PREDICTED: Homo sapiens homogentisate 1,2-dioxygenase like (LOC727722), mRNA."
"PREDICTED: Homo sapiens similar to poly (ADP-ribose) glycohydrolase (LOC727726), mRNA
"PREDICTED: Homo sapiens similar to APG4 autophagy 4 homolog B isoform a (LOC727737),
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC727751), mRNA."
"PREDICTED: Homo sapiens similar to killer-cell Ig-like receptor (LOC727752), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC727753), miscRNA."
"PREDICTED: Homo sapiens similar to Deoxythymidylate kinase (thymidylate kinase), transcript
"PREDICTED: Homo sapiens similar to NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
"PREDICTED: Homo sapiens similar to inhibitor of growth family, member 5, transcript variant 2
"PREDICTED: Homo sapiens hypothetical protein LOC727775 (LOC727775), mRNA."
"PREDICTED: Homo sapiens similar to unconventional myosin Myr2 I heavy chain (LOC727791
"PREDICTED: Homo sapiens misc_RNA (LOC727803), miscRNA."
"PREDICTED: Homo sapiens similar to Nuclear envelope pore membrane protein POM 121 (Po
"PREDICTED: Homo sapiens hypothetical protein LOC727808 (LOC727808), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC727815 (LOC727815), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC727820 (LOC727820), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC727825 (LOC727825), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727826 (LOC727826), mRNA."
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC727832), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC727833), miscRNA."
"PREDICTED: Homo sapiens similar to synovial sarcoma, X breakpoint 2 isoform b (LOC72783
"PREDICTED: Homo sapiens similar to actin-like protein (LOC727848), mRNA."
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC727849), mRNA."
"PREDICTED: Homo sapiens similar to RAN binding protein 2, transcript variant 6 (LOC727851
"PREDICTED: Homo sapiens misc_RNA (LOC727865), miscRNA."
"PREDICTED: Homo sapiens similar to transmembrane protein 29, transcript variant 2 (LOC727
"PREDICTED: Homo sapiens misc_RNA (LOC727868), miscRNA."

"PREDICTED: Homo sapiens hypothetical LOC727869 (LOC727869), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727877, transcript variant 2 (LOC727877), mRN
"PREDICTED: Homo sapiens hypothetical LOC727894 (LOC727894), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727895 (LOC727895), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727900 (LOC727900), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727908 (LOC727908), partial mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727918 (LOC727918), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727934 (LOC727934), mRNA."
"PREDICTED: Homo sapiens similar to CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons
"PREDICTED: Homo sapiens similar to mitochondrial Ca2+-dependent solute carrier (LOC7279
"PREDICTED: Homo sapiens similar to KIAA0454 protein (LOC727948), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC727962 (LOC727962), mRNA."
"PREDICTED: Homo sapiens similar to elongation factor Tu GTP binding domain containing 1 (
"PREDICTED: Homo sapiens hypothetical LOC727967 (LOC727967), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC727970), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC727980), miscRNA."
"PREDICTED: Homo sapiens similar to Protein C21orf70 homolog (LOC727987), mRNA."
"PREDICTED: Homo sapiens similar to hCG2036929 (LOC727992), mRNA."
"PREDICTED: Homo sapiens similar to colon cancer-associated antigen AgSK1-2HT-ECS (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC728006 (LOC728006), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728012 (LOC728012), mRNA."
"PREDICTED: Homo sapiens similar to huntingtin interacting protein 1 related (LOC728014), mR
"PREDICTED: Homo sapiens similar to double homeobox, 4 (LOC728022), mRNA."
"Homo sapiens hCG1640171 (LOC728024), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical LOC728026 (LOC728026), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728031), miscRNA."
"PREDICTED: Homo sapiens similar to Cadherin EGF LAG seven-pass G-type receptor 1 precu
"PREDICTED: Homo sapiens similar to Kinesin-like protein KIF22 (Kinesin-like DNA-binding pro
"PREDICTED: Homo sapiens similar to hCG2031213 (LOC728052), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728059), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728066 (LOC728066), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728069 (LOC728069), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728098), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728105), miscRNA."
"PREDICTED: Homo sapiens hCG1659830 (LOC728111), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728115), miscRNA."
"PREDICTED: Homo sapiens similar to colon cancer-associated antigen AgSK1-2HT-ECS (LOC
"PREDICTED: Homo sapiens misc_RNA (LOC728126), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728128), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2044133 (LOC728129), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728138 (LOC728138), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728139), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728142 (LOC728142), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728145 (LOC728145), mRNA."

"PREDICTED: Homo sapiens hypothetical LOC728150 (LOC728150), mRNA."
"PREDICTED: Homo sapiens similar to FAM133B protein, transcript variant 1 (LOC728153), mF
"PREDICTED: Homo sapiens misc_RNA (LOC728170), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728175 (LOC728175), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728178), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728181 (LOC728181), mRNA."
"PREDICTED: Homo sapiens similar to Gamma-2-syntrophin (G2SYN) (Syntrophin 5) (SYN5) (L
"PREDICTED: Homo sapiens similar to phosphoglycerate mutase processed protein (LOC7281
"Homo sapiens hypothetical LOC728190 (LOC728190), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728193 (LOC728193), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728205), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728207), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728208), miscRNA."
"PREDICTED: Homo sapiens similar to gamma-glutamyltransferase 2, transcript variant 3 (LOC
"PREDICTED: Homo sapiens hypothetical protein LOC728229, transcript variant 3 (LOC728229
"PREDICTED: Homo sapiens hypothetical LOC728241 (LOC728241), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728244), miscRNA."
"PREDICTED: Homo sapiens similar to potassium channel tetramerisation domain containing 5
"PREDICTED: Homo sapiens hypothetical LOC728262 (LOC728262), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728263), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728275 (LOC728275), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728288 (LOC728288), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728291), miscRNA."
"PREDICTED: Homo sapiens similar to FLJ36144 protein (LOC728310), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728312), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728318 (LOC728318), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728324), miscRNA."
"PREDICTED: Homo sapiens similar to nuclear RNA export factor 2, transcript variant 2 (LOC72
"PREDICTED: Homo sapiens misc_RNA (LOC728348), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728352), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728362 (LOC728362), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728380), miscRNA."
"PREDICTED: Homo sapiens similar to deubiquitinating enzyme 1 (LOC728405), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728408), miscRNA."
"PREDICTED: Homo sapiens similar to Beta-glucuronidase precursor (LOC728411), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728417 (LOC728417), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728431 (LOC728431), mRNA."
"PREDICTED: Homo sapiens similar to Gamma-glutamyltranspeptidase 1 precursor (Gamma-gl
"Homo sapiens peptidylprolyl isomerase E pseudogene (LOC728448), non-coding RNA."
"PREDICTED: Homo sapiens similar to nuclear pore membrane protein 121 (LOC728452), mRN
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S28 (LOC728453), mRNA."
"PREDICTED: Homo sapiens similar to Beta-defensin 2 precursor (BD-2) (hBD-2) (Defensin, be
"PREDICTED: Homo sapiens misc_RNA (LOC728457), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728460 (LOC728460), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC728465), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728467), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1736317 (LOC728470), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728485), miscRNA."
"PREDICTED: Homo sapiens similar to small EDRK-rich factor 1A, telomeric, transcript variant 4
"PREDICTED: Homo sapiens similar to Nuclear envelope pore membrane protein POM 121 (Po
"PREDICTED: Homo sapiens similar to CG17293-PA (LOC728505), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728516 (LOC728516), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728517), partial miscRNA."
"PREDICTED: Homo sapiens similar to Baculoviral IAP repeat-containing protein 1 (Neuronal ap
"PREDICTED: Homo sapiens hypothetical LOC728530 (LOC728530), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728532), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728533), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728537), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728543), miscRNA."
"PREDICTED: Homo sapiens similar to THO complex 3 (LOC728554), mRNA."
"PREDICTED: Homo sapiens similar to Protein C2orf4 (C21orf19-like protein) (LOC728556), mR
"PREDICTED: Homo sapiens hypothetical LOC728558 (LOC728558), mRNA."
"PREDICTED: Homo sapiens similar to GMP synthase [glutamine-hydrolyzing] (Glutamine amid
"PREDICTED: Homo sapiens similar to Beta-glucuronidase precursor (LOC728565), mRNA."
"PREDICTED: Homo sapiens similar to membrane-spanning 4-domains, subfamily A, member 8
"PREDICTED: Homo sapiens misc_RNA (LOC728602), partial miscRNA."
"Homo sapiens hypothetical LOC728606 (LOC728606), non-coding RNA."
"PREDICTED: Homo sapiens similar to mannosidase, beta A, lysosomal-like (LOC728607), mR
"PREDICTED: Homo sapiens misc_RNA (LOC728612), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728620), miscRNA."
"PREDICTED: Homo sapiens similar to S-phase kinase-associated protein 1A (p19A) (LOC728
"PREDICTED: Homo sapiens hypothetical LOC728626 (LOC728626), mRNA."
"PREDICTED: Homo sapiens similar to peroxisomal short-chain alcohol dehydrogenase, transcr
"PREDICTED: Homo sapiens misc_RNA (LOC728640), miscRNA."
"Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene (LOC728643), non-co
"PREDICTED: Homo sapiens misc_RNA (LOC728650), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC728653 (LOC728653), mRNA."
"PREDICTED: Homo sapiens similar to solute carrier family 35, member E2 (LOC728661), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC728666), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728672), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728678), miscRNA."
"PREDICTED: Homo sapiens similar to LOC442421 protein (LOC728683), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728686), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728693), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728694 (LOC728694), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728698), miscRNA."
"PREDICTED: Homo sapiens similar to hCG2041004 (LOC728711), mRNA."
"PREDICTED: Homo sapiens similar to hCG38149 (LOC728715), mRNA."

"PREDICTED: Homo sapiens hypothetical protein LOC728723 (LOC728723), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728728), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728729), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728732), miscRNA."
"PREDICTED: Homo sapiens similar to kidney-specific protein (KS), transcript variant 3 (LOC72
"PREDICTED: Homo sapiens similar to programmed cell death 2 isoform 2 (LOC728739), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC728743), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728748), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1984907 (LOC728755), mRNA."
"Homo sapiens hCG1789710 (LOC728758), mRNA."
"PREDICTED: Homo sapiens similar to hCG1994130 (LOC728774), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L21 (LOC728782), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728787), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728791), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1981896, transcript variant 3 (LOC728802), mRNA
"PREDICTED: Homo sapiens hypothetical LOC728809 (LOC728809), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728816 (LOC728816), mRNA."
"Homo sapiens hCG1645220 (LOC728819), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728820), miscRNA."
"PREDICTED: Homo sapiens similar to SMT3 suppressor of mif two 3 homolog 2 (LOC728825)
"PREDICTED: Homo sapiens similar to C-C motif chemokine 3-like 1 precursor (Small-inducible
"PREDICTED: Homo sapiens similar to cytokine, transcript variant 3 (LOC728835), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728844 (LOC728844), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728853), miscRNA."
"Homo sapiens hypothetical LOC728855 (LOC728855), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728873), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728877), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728882, transcript variant 1 (LOC728882), mRN
"PREDICTED: Homo sapiens similar to Protein KIAA0220 (LOC728888), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728889), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC728903 (LOC728903), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC728904 (LOC728904), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC728908), miscRNA."
"PREDICTED: Homo sapiens similar to Galectin-7 (Gal-7) (HKL-14) (PI7) (p53-induced protein 1
"PREDICTED: Homo sapiens similar to APC11 anaphase promoting complex subunit 11 isoform
"PREDICTED: Homo sapiens hypothetical LOC728924 (LOC728924), mRNA."
"PREDICTED: Homo sapiens similar to transcription elongation factor B polypeptide 3C (LOC72
"PREDICTED: Homo sapiens similar to hCG17429 (LOC728931), mRNA."
"PREDICTED: Homo sapiens similar to interleukin 28B (LOC728942), mRNA."
"PREDICTED: Homo sapiens similar to THAP domain-containing protein 4 (LOC728944), mRNA
"PREDICTED: Homo sapiens similar to Peptidylprolyl isomerase A (cyclophilin A)-like 4 (LOC72
"PREDICTED: Homo sapiens similar to hCG201267 (LOC728955), mRNA."
"PREDICTED: Homo sapiens similar to heparan sulfate 6-O-sulfotransferase 1 (LOC728969), m
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S7 (S8) (LOC728973), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC728975), miscRNA."
"PREDICTED: Homo sapiens similar to Sodium/hydrogen exchanger 3 (Na(+)/H(+) exchanger 3
"PREDICTED: Homo sapiens hypothetical protein LOC729003 (LOC729003), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729009), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729010 (LOC729010), mRNA."
"PREDICTED: Homo sapiens rcRPE (LOC729020), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729021 (LOC729021), mRNA."
"PREDICTED: Homo sapiens similar to peptide/histidine transporter (LOC729025), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729028 (LOC729028), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729057), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729059), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729076 (LOC729076), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729082), miscRNA."
"PREDICTED: Homo sapiens similar to EGFR-coamplified and overexpressed protein (LOC729
"PREDICTED: Homo sapiens similar to Eukaryotic translation elongation factor 1 alpha 1 (LOC7
"PREDICTED: Homo sapiens misc_RNA (LOC729101), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729102), miscRNA."
"PREDICTED: Homo sapiens similar to hCG37602 (LOC729123), mRNA."
"PREDICTED: Homo sapiens similar to lethal (2) k00619 CG4775-PA (LOC729148), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729150), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729157), miscRNA."
"Homo sapiens hCG1732469 (LOC729164), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729173 (LOC729173), mRNA."
"PREDICTED: Homo sapiens similar to unc-93 homolog B1 (LOC729196), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729200), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729217), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729225 (LOC729225), mRNA."
"Homo sapiens fumarylacetoacetate hydrolase domain containing 2 pseudogene (LOC729234),
"PREDICTED: Homo sapiens similar to Pulmonary surfactant-associated protein A2 precursor (S
"PREDICTED: Homo sapiens similar to keratin 17 (LOC729242), mRNA."
"PREDICTED: Homo sapiens hCG2045843 (LOC729254), mRNA."
"PREDICTED: Homo sapiens similar to hCG15392 (LOC729277), partial mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729279), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729296 (LOC729296), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729298), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729301), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729314), miscRNA."
"PREDICTED: Homo sapiens similar to voltage-dependent anion channel 2 (LOC729317), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC729324), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729327), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729335 (LOC729335), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729342), miscRNA."
"PREDICTED: Homo sapiens similar to TP53TG3 protein, transcript variant 2 (LOC729355), mR
"PREDICTED: Homo sapiens misc_RNA (LOC729366), miscRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC729369), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729373 (LOC729373), mRNA."
"Homo sapiens family with sequence similarity 86, member A pseudogene (LOC729375), non-c
"PREDICTED: Homo sapiens misc_RNA (LOC729389), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729390 (LOC729390), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729397 (LOC729397), mRNA."
"PREDICTED: Homo sapiens similar to selenophosphate synthetase (LOC729399), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729406), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729417 (LOC729417), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729421 (LOC729421), mRNA."
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-des
"PREDICTED: Homo sapiens hypothetical LOC729424 (LOC729424), mRNA."
"PREDICTED: Homo sapiens similar to hCG2004878 (LOC729433), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729435), miscRNA."
"PREDICTED: Homo sapiens similar to opposite strand transcription unit to Stag3 (LOC729438)
"PREDICTED: Homo sapiens similar to AT rich interactive domain 1B (SWI1-like) isoform 1 (LO
"PREDICTED: Homo sapiens hypothetical LOC729456 (LOC729456), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729466 (LOC729466), mRNA."
"PREDICTED: Homo sapiens similar to Interleukin-9 receptor precursor (IL-9R) (CD129 antigen)
"PREDICTED: Homo sapiens misc_RNA (LOC729494), miscRNA."
"PREDICTED: Homo sapiens similar to hCG1999863 (LOC729495), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729500), partial miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729505 (LOC729505), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729519 (LOC729519), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729524), miscRNA."
"PREDICTED: Homo sapiens similar to CCR4-NOT transcription complex, subunit 6-like (LOC72
"PREDICTED: Homo sapiens hypothetical LOC729535 (LOC729535), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729558 (LOC729558), mRNA."
"PREDICTED: Homo sapiens similar to ciliary rootlet coiled-coil, rootletin (LOC729559), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729569 (LOC729569), mRNA."
"PREDICTED: Homo sapiens similar to hCG1793303 (LOC729570), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729580 (LOC729580), mRNA."
"PREDICTED: Homo sapiens similar to hCG20004 (LOC729581), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729587 (LOC729587), mRNA."
"PREDICTED: Homo sapiens similar to high-mobility group box 3 (LOC729595), mRNA."
"PREDICTED: Homo sapiens similar to nuclear pore complex interacting protein (LOC729602),
"Homo sapiens calcium binding protein P22 pseudogene (LOC729603), non-coding RNA."
"PREDICTED: Homo sapiens similar to Brix domain containing 1 (LOC729608), mRNA."
"PREDICTED: Homo sapiens similar to protein kinase, cAMP-dependent, regulatory, type I, beta
"PREDICTED: Homo sapiens hypothetical LOC729626 (LOC729626), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729629 (LOC729629), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729646), miscRNA."
"PREDICTED: Homo sapiens similar to CG7889-PA (LOC729647), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729652 (LOC729652), miscRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC729660), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729666), miscRNA."
"Homo sapiens golgi autoantigen, golgin subfamily a, 6 pseudogene (LOC729668), non-coding
"PREDICTED: Homo sapiens similar to hCG1820578 (LOC729675), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729679), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729680), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729683), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729686), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729687 (LOC729687), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729692 (LOC729692), mRNA."
"PREDICTED: Homo sapiens similar to rcTPI1, transcript variant 1 (LOC729708), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729732 (LOC729732), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729737 (LOC729737), mRNA."
"PREDICTED: Homo sapiens similar to hCG1812832 (LOC729742), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729764 (LOC729764), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729766 (LOC729766), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729768), miscRNA."
"PREDICTED: Homo sapiens similar to Ubiquinol-cytochrome c reductase hinge protein (LOC72
"PREDICTED: Homo sapiens hypothetical protein LOC729776 (LOC729776), mRNA."
"PREDICTED: Homo sapiens similar to Peroxisomal coenzyme A diphosphatase NUDT7 (Nucle
"PREDICTED: Homo sapiens misc_RNA (LOC729779), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729780), miscRNA."
"PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 8A (LOC729786),
"PREDICTED: Homo sapiens hypothetical LOC729792 (LOC729792), mRNA."
"PREDICTED: Homo sapiens similar to ribosomal protein L23a (LOC729798), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729806), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729810), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729816), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729828), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC729832 (LOC729832), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729841), miscRNA."
"PREDICTED: Homo sapiens similar to WW domain binding protein 1 (LOC729843), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729852), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729858), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729859), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729879 (LOC729879), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729887 (LOC729887), miscRNA."
"PREDICTED: Homo sapiens similar to zinc finger and BTB domain containing 8 opposite strand
"PREDICTED: Homo sapiens hypothetical protein LOC729905 (LOC729905), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729907 (LOC729907), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729915 (LOC729915), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729926), miscRNA."
"PREDICTED: Homo sapiens similar to guanylate-binding protein 5 (LOC729933), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729944 (LOC729944), mRNA."

"PREDICTED: Homo sapiens misc_RNA (LOC729952), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729954), miscRNA."
"PREDICTED: Homo sapiens similar to Cks1 protein homologue (LOC729964), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC729967 (LOC729967), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC729983 (LOC729983), mRNA."
"PREDICTED: Homo sapiens similar to CDC42-binding protein kinase beta (LOC729985), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC729992), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC729995), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730004), miscRNA."
"PREDICTED: Homo sapiens similar to SEC14p-like protein TAP3 (LOC730005), mRNA."
"PREDICTED: Homo sapiens similar to LOC441178 protein (LOC730015), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730020), miscRNA."
"PREDICTED: Homo sapiens similar to male sterility domain containing 1 (LOC730024), mRNA
"PREDICTED: Homo sapiens similar to cis-Golgi matrix protein GM130 (LOC730027), mRNA."
"PREDICTED: Homo sapiens similar to hCG1997137, transcript variant 3 (LOC730029), mRNA
"PREDICTED: Homo sapiens similar to ras homolog gene family, member Q (LOC730041), part
"PREDICTED: Homo sapiens similar to Zinc finger protein 418 (LOC730051), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730063 (LOC730063), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730074 (LOC730074), mRNA."
"PREDICTED: Homo sapiens similar to NEW1 domain containing protein isoform 1 (LOC73007
"PREDICTED: Homo sapiens similar to hCG2040074 (LOC730078), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730081), miscRNA."
"PREDICTED: Homo sapiens similar to zinc finger protein 91 (LOC730087), mRNA."
Homo sapiens RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae) pseudogen
"PREDICTED: Homo sapiens misc_RNA (LOC730098), miscRNA."
"Homo sapiens hypothetical LOC730101 (LOC730101), transcript variant 1, non-coding RNA."
"PREDICTED: Homo sapiens similar to Glycine cleavage system H protein, mitochondrial (LOC
"PREDICTED: Homo sapiens hypothetical LOC730132 (LOC730132), mRNA."
"PREDICTED: Homo sapiens similar to hCG1815165 (LOC730134), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730153 (LOC730153), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730159 (LOC730159), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730163 (LOC730163), mRNA."
"PREDICTED: Homo sapiens similar to protein tyrosine phosphatase 4a1, transcript variant 1 (L
"PREDICTED: Homo sapiens misc_RNA (LOC730173), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730176), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC730183 (LOC730183), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730184 (LOC730184), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730194 (LOC730194), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730202 (LOC730202), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC730236 (LOC730236), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730246), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730256 (LOC730256), mRNA."
"PREDICTED: Homo sapiens similar to anaphase promoting complex subunit 1 (LOC730268), r
"PREDICTED: Homo sapiens similar to protein immuno-reactive with anti-PTH polyclonal antibo

"PREDICTED: Homo sapiens hypothetical protein LOC730273 (LOC730273), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730274 (LOC730274), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730278 (LOC730278), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730281), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730284), miscRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC730286), miscRNA."
"PREDICTED: Homo sapiens similar to 40S ribosomal protein S28 (LOC730288), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730302 (LOC730302), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730313 (LOC730313), mRNA."
"PREDICTED: Homo sapiens similar to Nuclear envelope pore membrane protein POM 121 (Po
"PREDICTED: Homo sapiens hypothetical LOC730323 (LOC730323), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730324 (LOC730324), mRNA."
"PREDICTED: Homo sapiens similar to Williams Beuren syndrome chromosome region 19 pseu
"PREDICTED: Homo sapiens hypothetical protein LOC730344 (LOC730344), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730358 (LOC730358), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730376 (LOC730376), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730385 (LOC730385), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730389 (LOC730389), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730396 (LOC730396), mRNA."
"PREDICTED: Homo sapiens similar to cholinergic receptor, muscarinic 3 (LOC730413), mRNA
"PREDICTED: Homo sapiens hypothetical LOC730415, transcript variant 2 (LOC730415), mRN
"PREDICTED: Homo sapiens hypothetical protein LOC730417 (LOC730417), mRNA."
"PREDICTED: Homo sapiens similar to TGFB-induced factor 2-like, Y-linked (LOC730419), mRI
"PREDICTED: Homo sapiens similar to serine/threonine/tyrosine interacting protein, transcript v
"PREDICTED: Homo sapiens similar to N-terminal Asn amidase (LOC730455), mRNA."
"PREDICTED: Homo sapiens similar to hCG2040587 (LOC730461), mRNA."
"PREDICTED: Homo sapiens similar to hCG1793014 (LOC730465), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730496 (LOC730496), mRNA."
"PREDICTED: Homo sapiens similar to MUC19 (LOC730517), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730525 (LOC730525), mRNA."
"PREDICTED: Homo sapiens similar to D-PCa-2 protein isoform c (LOC730534), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730546 (LOC730546), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC730631 (LOC730631), mRNA."
"PREDICTED: Homo sapiens similar to KIAA1641 protein (LOC730658), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730704 (LOC730704), mRNA."
"PREDICTED: Homo sapiens similar to H3 histone, family 3B (LOC730740), mRNA."
"PREDICTED: Homo sapiens similar to macrophage erythroblast attacher (LOC730744), mRNA
"PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-des
"PREDICTED: Homo sapiens similar to BANP homolog (LOC730809), mRNA."
"PREDICTED: Homo sapiens similar to chromosome X open reading frame 6 (LOC730818), mF
"PREDICTED: Homo sapiens similar to nuclear receptor binding factor 2 (LOC730820), mRNA.'
"PREDICTED: Homo sapiens similar to filaggrin (LOC730833), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730841 (LOC730841), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC730877 (LOC730877), mRNA."

"PREDICTED: Homo sapiens hypothetical LOC730908, transcript variant 1 (LOC730908), mRN
"PREDICTED: Homo sapiens misc_RNA (LOC730974), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC730990 (LOC730990), mRNA."
"PREDICTED: Homo sapiens similar to NACHT, leucine rich repeat and PYD (pyrin domain) cor
"PREDICTED: Homo sapiens similar to ankyrin repeat domain 36 (LOC730995), mRNA."
"PREDICTED: Homo sapiens similar to chromosome 1 open reading frame 80 (LOC730996), m
"PREDICTED: Homo sapiens similar to Adenylate kinase isoenzyme 4, mitochondrial (Adenylate
"PREDICTED: Homo sapiens similar to hCG1743199 (LOC731040), mRNA."
"PREDICTED: Homo sapiens similar to Ubiquitin-conjugating enzyme E2S (Ubiquitin-conjugatin
"PREDICTED: Homo sapiens hypothetical protein LOC731052 (LOC731052), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731075 (LOC731075), mRNA."
"PREDICTED: Homo sapiens similar to tousled-like kinase 2 (Arabidopsis) (predicted) (LOC731
"PREDICTED: Homo sapiens similar to Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gam
"PREDICTED: Homo sapiens similar to surface antigen BspA-like (LOC731109), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC731139 (LOC731139), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC731157), miscRNA."
"PREDICTED: Homo sapiens similar to eukaryotic translation elongation factor 1 alpha 2 (LOC7
"PREDICTED: Homo sapiens hypothetical protein LOC731186 (LOC731186), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC731227 (LOC731227), mRNA."
"PREDICTED: Homo sapiens similar to sodium channel protein type V alpha subunit (LOC7312
"PREDICTED: Homo sapiens hypothetical protein LOC731236 (LOC731236), mRNA."
"PREDICTED: Homo sapiens similar to H2A histone family, member X (LOC731314), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731338 (LOC731338), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731366 (LOC731366), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC731377), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC731419 (LOC731419), mRNA."
"PREDICTED: Homo sapiens similar to ATPase, Class II, type 9B (LOC731444), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731486 (LOC731486), mRNA."
"PREDICTED: Homo sapiens similar to Otoconin 90 precursor (Oc90) (Phospholipase A2 homo
"PREDICTED: Homo sapiens similar to hCG2036843 (LOC731528), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC731542), miscRNA."
"PREDICTED: Homo sapiens hypothetical LOC731605 (LOC731605), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731656 (LOC731656), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731658 (LOC731658), mRNA."
"PREDICTED: Homo sapiens similar to HLA class II histocompatibility antigen, DQ(1) alpha cha
"PREDICTED: Homo sapiens hypothetical LOC731724 (LOC731724), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731742 (LOC731742), mRNA."
"PREDICTED: Homo sapiens similar to protein kinase, DNA-activated, catalytic polypeptide (LO
"Homo sapiens hypothetical protein LOC731779 (LOC731779), non-coding RNA."
"PREDICTED: Homo sapiens similar to amyloid beta (A4) precursor protein-binding, family B, m
"PREDICTED: Homo sapiens hypothetical protein LOC731835 (LOC731835), mRNA."
"PREDICTED: Homo sapiens similar to MAPK-interacting and spindle-stabilizing protein (LOC73
"PREDICTED: Homo sapiens hypothetical LOC731881 (LOC731881), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC731915 (LOC731915), mRNA."

"PREDICTED: Homo sapiens similar to slit (Drosophila) homolog 2 (LOC731950), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC731985 (LOC731985), mRNA."
"PREDICTED: Homo sapiens similar to CG1486-PA, isoform A (LOC731999), mRNA."
"PREDICTED: Homo sapiens similar to Phosphoglycerate mutase 1 (Phosphoglycerate mutase
"PREDICTED: Homo sapiens similar to pleckstrin homology-like domain, family B, member 1 (L
"PREDICTED: Homo sapiens hypothetical protein LOC732138 (LOC732138), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC732150 (LOC732150), mRNA."
"PREDICTED: Homo sapiens similar to Triosephosphate isomerase (TIM) (Triose-phosphate isc
"PREDICTED: Homo sapiens hypothetical protein LOC732172 (LOC732172), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC732215), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC732275 (LOC732275), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LOC732360), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC732372 (LOC732372), mRNA."
"PREDICTED: Homo sapiens hypothetical LOC732419 (LOC732419), mRNA."
"PREDICTED: Homo sapiens hypothetical protein LOC732424 (LOC732424), mRNA."
"PREDICTED: Homo sapiens similar to Breakpoint cluster region protein (NY-REN-26 antigen) (
"PREDICTED: Homo sapiens hypothetical LOC732443 (LOC732443), mRNA."
"PREDICTED: Homo sapiens similar to alpha 7 neuronal nicotinic acetylcholine receptor (LOC7
"PREDICTED: Homo sapiens similar to growth arrest-specific 6 (LOC732446), mRNA."
"Homo sapiens hypothetical LOC791120 (LOC791120), non-coding RNA."
"Homo sapiens RNA, small nucleolar (LOC85389), non-coding RNA."
"Homo sapiens RNA, small nucleolar (LOC85390), non-coding RNA."
"Homo sapiens CG016 (LOC88523), mRNA."
"PREDICTED: Homo sapiens hypothetical protein BC009862 (LOC90113), mRNA."
"PREDICTED: Homo sapiens hypothetical gene supported by AK023162, transcript variant 4 (L
"PREDICTED: Homo sapiens similar to fer-1 like protein 3 (LOC90342), mRNA."
"PREDICTED: Homo sapiens AOC3 pseudogene (LOC90586), misc RNA."
"Homo sapiens hypothetical protein LOC90925 (LOC90925), mRNA."
"Homo sapiens glucuronidase, beta/ immunoglobulin lambda-like polypeptide 1 pseudogene (LC
"Homo sapiens prematurely terminated mRNA decay factor-like (LOC91431), mRNA."
"Homo sapiens hCG1992539 (LOC91561), mRNA."
"Homo sapiens hypothetical LOC92249 (LOC92249), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC92497 (LOC92497), mRNA."
"Homo sapiens hypothetical LOC92659 (LOC92659), non-coding RNA."
"PREDICTED: Homo sapiens misc_RNA (LOC92755), miscRNA."
"Homo sapiens hypothetical LOC92973 (LOC92973), non-coding RNA."
"Homo sapiens hypothetical protein BC004921 (LOC93349), mRNA."
"Homo sapiens maltase-glucoamylase-like pseudogene (LOC93432), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC93463 (LOC93463), mRNA."
"PREDICTED: Homo sapiens hypothetical protein BC011266, transcript variant 3 (LOC93556), r
"PREDICTED: Homo sapiens hypothetical protein BC006130 (LOC93622), misc RNA."
"PREDICTED: Homo sapiens hypothetical protein LOC96597 (LOC96597), mRNA."
"Homo sapiens hypothetical protein similar to KIAA0187 gene product (LOC96610), mRNA."
"Homo sapiens loss of heterozygosity, 12, chromosomal region 2 (LOH12CR2), non-coding RNA

"Homo sapiens loss of heterozygosity, 3, chromosomal region 2, gene A (LOH3CR2A), mRNA."
"Homo sapiens lon peptidase 1, mitochondrial (LONP1), nuclear gene encoding mitochondrial p
"Homo sapiens lon peptidase 2, peroxisomal (LONP2), mRNA."
"Homo sapiens LON peptidase N-terminal domain and ring finger 1 (LONRF1), mRNA."
"Homo sapiens LON peptidase N-terminal domain and ring finger 3 (LONRF3), transcript varian
"Homo sapiens lipoxygenase homology domains 1 (LOXHD1), mRNA."
"Homo sapiens lipoprotein, Lp(a) (LPA), mRNA."
"Homo sapiens lysophosphatidic acid receptor 1 (LPAR1), transcript variant 2, mRNA."
"Homo sapiens lysophosphatidic acid receptor 2 (LPAR2), mRNA."
"Homo sapiens lysophosphatidic acid receptor 3 (LPAR3), mRNA."
"Homo sapiens lysophosphatidic acid receptor 4 (LPAR4), mRNA."
"Homo sapiens lysophosphatidic acid receptor 5 (LPAR5), mRNA."
"Homo sapiens lysophosphatidylcholine acyltransferase 1 (LPCAT1), mRNA."
"Homo sapiens lysophosphatidylcholine acyltransferase 2 (LPCAT2), mRNA."
"Homo sapiens lysophosphatidylcholine acyltransferase 3 (LPCAT3), mRNA."
"Homo sapiens lysophosphatidylcholine acyltransferase 4 (LPCAT4), mRNA."
"Homo sapiens lysophosphatidylglycerol acyltransferase 1 (LPGAT1), mRNA."
"Homo sapiens latrophilin 1 (LPHN1), transcript variant 2, mRNA."
"Homo sapiens latrophilin 2 (LPHN2), mRNA."
"Homo sapiens lipin 1 (LPIN1), mRNA."
"Homo sapiens lipin 2 (LPIN2), mRNA."
"Homo sapiens LIM domain containing preferred translocation partner in lipoma (LPP), mRNA."
"Homo sapiens lipid phosphate phosphatase-related protein type 2 (LPPR2), mRNA."
"Homo sapiens leupaxin (LPXN), mRNA."
"PREDICTED: Homo sapiens misc_RNA (LQK1), miscRNA."
"Homo sapiens leukocyte-derived arginine aminopeptidase (LRAP), mRNA."
"Homo sapiens LPS-responsive vesicle trafficking, beach and anchor containing (LRBA), mRNA
"Homo sapiens leucine-rich repeats and calponin homology (CH) domain containing 3 (LRCH3),
"Homo sapiens leucine-rich repeats and calponin homology (CH) domain containing 4 (LRCH4),
"Homo sapiens leucine-rich repeats and death domain containing (LRDD), transcript variant 3, r
"Homo sapiens leucine rich repeat and fibronectin type III domain containing 1 (LRFN1), mRNA.
"Homo sapiens leucine rich repeat and fibronectin type III domain containing 3 (LRFN3), mRNA.
"Homo sapiens leucine rich repeat and fibronectin type III domain containing 4 (LRFN4), mRNA.
"Homo sapiens leucine-rich repeats and guanylate kinase domain containing (LRGUK), mRNA."
"Homo sapiens leucine-rich repeats and immunoglobulin-like domains 1 (LRIG1), mRNA."
"Homo sapiens leucine-rich repeats and immunoglobulin-like domains 2 (LRIG2), mRNA."
"Homo sapiens leucine-rich repeats and immunoglobulin-like domains 3 (LRIG3), transcript varia
"Homo sapiens leucine-rich repeat, immunoglobulin-like and transmembrane domains 3 (LRIT3)
"Homo sapiens lymphoid-restricted membrane protein (LRMP), mRNA."
"Homo sapiens low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) (LRP1
"Homo sapiens low density lipoprotein receptor-related protein 10 (LRP10), mRNA."
"Homo sapiens low density lipoprotein receptor-related protein 11 (LRP11), mRNA."
"Homo sapiens low density lipoprotein-related protein 1B (deleted in tumors) (LRP1B), mRNA."
"Homo sapiens low density lipoprotein receptor-related protein 3 (LRP3), mRNA."

"Homo sapiens low density lipoprotein receptor-related protein 4 (LRP4), mRNA."
"Homo sapiens low density lipoprotein receptor-related protein 5 (LRP5), mRNA."
"Homo sapiens low density lipoprotein receptor-related protein 8, apolipoprotein e receptor (LRF
"Homo sapiens low density lipoprotein receptor-related protein associated protein 1 (LRPAP1), r
"Homo sapiens leucine rich repeat containing 1 (LRRC1), mRNA."
"Homo sapiens leucine rich repeat containing 14 (LRRC14), mRNA."
"Homo sapiens leucine rich repeat containing 15 (LRRC15), mRNA."
"Homo sapiens leucine rich repeat containing 16 (LRRC16), mRNA."
"Homo sapiens leucine rich repeat containing 16A (LRRC16A), mRNA."
"Homo sapiens leucine rich repeat containing 16B (LRRC16B), mRNA."
"Homo sapiens leucine rich repeat containing 18 (LRRC18), mRNA."
"Homo sapiens leucine rich repeat containing 20 (LRRC20), transcript variant 1, mRNA."
"Homo sapiens leucine rich repeat containing 23 (LRRC23), transcript variant 1, mRNA."
"Homo sapiens leucine rich repeat containing 24 (LRRC24), mRNA."
"Homo sapiens leucine rich repeat containing 25 (LRRC25), mRNA."
"Homo sapiens leucine rich repeat containing 26 (LRRC26), mRNA."
"Homo sapiens leucine rich repeat containing 28 (LRRC28), mRNA."
"Homo sapiens leucine rich repeat containing 29 (LRRC29), transcript variant 2, mRNA."
"Homo sapiens leucine rich repeat containing 3 (LRRC3), mRNA."
"Homo sapiens leucine rich repeat containing 31 (LRRC31), mRNA."
"Homo sapiens leucine rich repeat containing 32 (LRRC32), mRNA."
"Homo sapiens leucine rich repeat containing 33 (LRRC33), mRNA."
"Homo sapiens leucine rich repeat containing 34 (LRRC34), mRNA."
"Homo sapiens leucine rich repeat containing 36 (LRRC36), mRNA."
"Homo sapiens leucine rich repeat containing 37, member A2 (LRRC37A2), mRNA."
"Homo sapiens leucine rich repeat containing 37, member A4 (pseudogene) (LRRC37A4), non-c
"PREDICTED: Homo sapiens leucine rich repeat containing 37B, transcript variant 4 (LRRC37B
"Homo sapiens leucine rich repeat containing 37, member B2 (LRRC37B2), non-coding RNA."
"PREDICTED: Homo sapiens leucine rich repeat containing 38 (LRRC38), mRNA."
"Homo sapiens leucine rich repeat containing 40 (LRRC40), mRNA."
"Homo sapiens leucine rich repeat containing 41 (LRRC41), mRNA."
"Homo sapiens leucine rich repeat containing 42 (LRRC42), mRNA."
"Homo sapiens leucine rich repeat containing 44 (LRRC44), mRNA."
"Homo sapiens leucine rich repeat containing 45 (LRRC45), mRNA."
"Homo sapiens leucine rich repeat containing 46 (LRRC46), mRNA."
"Homo sapiens leucine rich repeat containing 47 (LRRC47), mRNA."
"PREDICTED: Homo sapiens leucine rich repeat containing 48 (LRRC48), mRNA."
"Homo sapiens leucine rich repeat containing 49 (LRRC49), mRNA."
"Homo sapiens leucine rich repeat containing 56 (LRRC56), mRNA."
"Homo sapiens leucine rich repeat containing 57 (LRRC57), mRNA."
"Homo sapiens leucine rich repeat containing 58 (LRRC58), mRNA."
"Homo sapiens leucine rich repeat containing 59 (LRRC59), mRNA."
"Homo sapiens leucine rich repeat containing 6 (LRRC6), mRNA."
"Homo sapiens leucine rich repeat containing 67 (LRRC67), mRNA."

"Homo sapiens leucine rich repeat containing 69 (LRRC69), mRNA."
"Homo sapiens leucine rich repeat containing 7 (LRRC7), mRNA."
"Homo sapiens leucine rich repeat containing 8 family, member A (LRRC8A), mRNA."
"Homo sapiens leucine rich repeat containing 8 family, member C (LRRC8C), mRNA."
"Homo sapiens leucine rich repeat containing 8 family, member D (LRRC8D), mRNA."
"Homo sapiens leucine rich repeat containing 8 family, member E (LRRC8E), mRNA."
"Homo sapiens leucine rich repeat and coiled-coil domain containing 1 (LRRCC1), transcript var
"Homo sapiens leucine rich repeat (in FLII) interacting protein 1 (LRRFIP1), mRNA."
"Homo sapiens leucine rich repeat (in FLII) interacting protein 2 (LRRFIP2), transcript variant 1,
"Homo sapiens leucine-rich repeats and IQ motif containing 3 (LRRIQ3), mRNA."
"Homo sapiens leucine-rich repeat kinase 2 (LRRK2), mRNA."
"Homo sapiens leucine rich repeat neuronal 1 (LRRN1), mRNA."
"Homo sapiens leucine rich repeat neuronal 2 (LRRN2), transcript variant 2, mRNA."
"Homo sapiens leucine rich repeat neuronal 3 (LRRN3), transcript variant 1, mRNA."
"Homo sapiens leucine rich repeat neuronal 4 (LRRN4), mRNA."
"Homo sapiens leucine rich transmembrane and 0-methyltransferase domain containing (LRTOI
"Homo sapiens leucine-rich repeats and WD repeat domain containing 1 (LRWD1), mRNA."
"Homo sapiens limbic system-associated membrane protein (LSAMP), mRNA."
"Homo sapiens large subunit GTPase 1 homolog (S. cerevisiae) (LSG1), mRNA."
"Homo sapiens LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM1), mRN
"Homo sapiens LSM10, U7 small nuclear RNA associated (LSM10), mRNA."
"Homo sapiens LSM12 homolog (S. cerevisiae) (LSM12), mRNA."
"Homo sapiens LSM14A, SCD6 homolog A (S. cerevisiae) (LSM14A), mRNA."
"Homo sapiens LSM14B, SCD6 homolog B (S. cerevisiae) (LSM14B), mRNA."
"Homo sapiens LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM2), mRN
"Homo sapiens LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM3), mRN
"Homo sapiens LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM4), mRN
"Homo sapiens LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM5), mRN
"Homo sapiens LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM6), mRN
"Homo sapiens LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM7), mRN
"Homo sapiens LSM8 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM8), mRN
"Homo sapiens LSM domain containing 1 (LSMD1), mRNA."
"Homo sapiens lymphocyte-specific protein 1 (LSP1), transcript variant 3, mRNA."
"Homo sapiens lipolysis stimulated lipoprotein receptor (LSR), transcript variant 2, mRNA."
"Homo sapiens lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) (LSS), transcript vari
"Homo sapiens leukocyte specific transcript 1 (LST1), transcript variant 1, mRNA."
"Homo sapiens organic anion transporter LST-3b (LST-3TM12), mRNA."
"Homo sapiens lymphotoxin alpha (TNF superfamily, member 1) (LTA), transcript variant 2, mRI
"Homo sapiens leukotriene A4 hydrolase (LTA4H), mRNA."
"Homo sapiens lymphotoxin beta (TNF superfamily, member 3) (LTB), transcript variant 1, mRN
"Homo sapiens leukotriene B4 receptor (LTB4R), mRNA."
"Homo sapiens latent transforming growth factor beta binding protein 1 (LTBP1), transcript varia
"Homo sapiens latent transforming growth factor beta binding protein 3 (LTBP3), mRNA."
"Homo sapiens latent transforming growth factor beta binding protein 4 (LTBP4), transcript varia

"Homo sapiens leukotriene C4 synthase (LTC4S), transcript variant 2, mRNA."
"Homo sapiens lactotransferrin (LTF), mRNA."
"Homo sapiens leukocyte tyrosine kinase (LTK), transcript variant 2, mRNA."
"Homo sapiens LTV1 homolog (S. cerevisiae) (LTV1), mRNA."
"Homo sapiens LUC7-like (S. cerevisiae) (LUC7L), transcript variant 1, mRNA."
"Homo sapiens LUC7-like 2 (S. cerevisiae) (LUC7L2), mRNA."
"Homo sapiens leucine zipper protein 1 (LUZP1), mRNA."
"Homo sapiens latexin (LXN), mRNA."
"Homo sapiens lymphocyte antigen 6 complex, locus E (LY6E), mRNA."
"Homo sapiens lymphocyte antigen 6 complex, locus G6D (LY6G6D), mRNA."
"Homo sapiens lymphocyte antigen 6 complex, locus G6F (LY6G6F), mRNA."
"PREDICTED: Homo sapiens lymphocyte antigen 6 complex, locus H (LY6H), mRNA."
"Homo sapiens lymphocyte antigen 75 (LY75), mRNA."
"Homo sapiens lymphocyte antigen 86 (LY86), mRNA."
"Homo sapiens lymphocyte antigen 9 (LY9), transcript variant 2, mRNA."
"Homo sapiens lymphocyte antigen 96 (LY96), mRNA."
"Homo sapiens Ly1 antibody reactive homolog (mouse) (LYAR), mRNA."
"Homo sapiens lysozyme G-like 1 (LYG1), mRNA."
"Homo sapiens lymphoblastic leukemia derived sequence 1 (LYL1), mRNA."
"Homo sapiens v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), mRNA."
"Homo sapiens LY6/PLAUR domain containing 1 (LYPD1), transcript variant 2, mRNA."
"Homo sapiens LY6/PLAUR domain containing 4 (LYPD4), mRNA."
"Homo sapiens LY6/PLAUR domain containing 6 (LYPD6), mRNA."
"Homo sapiens LY6/PLAUR domain containing 6B (LYPD6B), mRNA."
"Homo sapiens lysophospholipase I (LYPLA1), mRNA."
"Homo sapiens lysophospholipase II (LYPLA2), mRNA."
"Homo sapiens lysophospholipase II pseudogene 1 (LYPLA2P1), non-coding RNA."
"Homo sapiens lysophospholipase-like 1 (LYPLAL1), mRNA."
"Homo sapiens LYR motif containing 1 (LYRM1), mRNA."
"Homo sapiens LYR motif containing 2 (LYRM2), transcript variant 1, mRNA."
"Homo sapiens LYR motif containing 4 (LYRM4), mRNA."
"Homo sapiens LYR motif containing 5 (LYRM5), mRNA."
"Homo sapiens Lyrm7 homolog (mouse) (LYRM7), mRNA."
"Homo sapiens LysM, putative peptidoglycan-binding, domain containing 1 (LYSMD1), mRNA."
"Homo sapiens LysM, putative peptidoglycan-binding, domain containing 2 (LYSMD2), mRNA."
"Homo sapiens LysM, putative peptidoglycan-binding, domain containing 3 (LYSMD3), mRNA."
"Homo sapiens LysM, putative peptidoglycan-binding, domain containing 4 (LYSMD4), mRNA."
"Homo sapiens lysosomal trafficking regulator (LYST), mRNA."
"Homo sapiens lysozyme (renal amyloidosis) (LYZ), mRNA."
"Homo sapiens leucine zipper and CTNNBIP1 domain containing (LZIC), mRNA."
"Homo sapiens leucine zipper transcription factor-like 1 (LZTFL1), mRNA."
"Homo sapiens leucine-zipper-like transcription regulator 1 (LZTR1), mRNA."
"Homo sapiens leucine zipper, putative tumor suppressor 1 (LZTS1), mRNA."
"Homo sapiens leucine zipper, putative tumor suppressor 2 (LZTS2), mRNA."

"Homo sapiens scavenger receptor cysteine-rich type 1 protein M160 (M160), mRNA."
"Homo sapiens mannose-6-phosphate receptor (cation dependent) (M6PR), mRNA."
"Homo sapiens mannose-6-phosphate receptor binding protein 1 (M6PRBP1), mRNA."
"Homo sapiens mab-21-like 2 (C. elegans) (MAB21L2), mRNA."
"Homo sapiens metastasis associated in colon cancer 1 (MACC1), mRNA."
"Homo sapiens MACRO domain containing 1 (MACROD1), mRNA."
"Homo sapiens MAD1 mitotic arrest deficient-like 1 (yeast) (MAD1L1), transcript variant 2, mRN
"Homo sapiens MAD2 mitotic arrest deficient-like 1 (yeast) (MAD2L1), mRNA."
"Homo sapiens MAD2 mitotic arrest deficient-like 2 (yeast) (MAD2L2), mRNA."
"Homo sapiens MAP-kinase activating death domain (MADD), transcript variant 5, mRNA."
"Homo sapiens macrophage erythroblast attacher (MAEA), transcript variant 1, mRNA."
"Homo sapiens maelstrom homolog (Drosophila) (MAEL), mRNA."
"Homo sapiens MAF1 homolog (S. cerevisiae) (MAF1), mRNA."
"Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian) (MAFA),
"Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian) (MAFB),
"Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) (MAFF), t
"Homo sapiens myelin associated glycoprotein (MAG), transcript variant 2, mRNA."
"Homo sapiens melanoma antigen family A, 3 (MAGEA3), mRNA."
"Homo sapiens melanoma antigen family A, 5 (MAGEA5), mRNA."
"PREDICTED: Homo sapiens melanoma antigen family B, 5 (MAGEB5), mRNA."
"Homo sapiens melanoma antigen family D, 1 (MAGED1), transcript variant 2, mRNA."
"Homo sapiens melanoma antigen family D, 2 (MAGED2), transcript variant 3, mRNA."
"Homo sapiens melanoma antigen family E, 1 (MAGEE1), mRNA."
"Homo sapiens melanoma antigen family F, 1 (MAGEF1), mRNA."
"Homo sapiens melanoma antigen family H, 1 (MAGEH1), mRNA."
"Homo sapiens MAGI family member, X-linked (MAGIX), transcript variant 4, mRNA."
"Homo sapiens mitochondria-associated protein involved in granulocyte-macrophage colony-stir
"Homo sapiens mago-nashi homolog, proliferation-associated (Drosophila) (MAGOH), mRNA."
"Homo sapiens mago-nashi homolog B (Drosophila) (MAGOHB), mRNA."
"Homo sapiens magnesium transporter 1 (MAGT1), mRNA."
"Homo sapiens male germ cell-associated kinase (MAK), mRNA."
"Homo sapiens MAK10 homolog, amino-acid N-acetyltransferase subunit (S. cerevisiae) (MAK1
"Homo sapiens MAK16 homolog (S. cerevisiae) (MAK16), mRNA."
"Homo sapiens mal, T-cell differentiation protein (MAL), transcript variant a, mRNA."
"Homo sapiens MAM domain containing 4 (MAMDC4), mRNA."
"PREDICTED: Homo sapiens mastermind-like 1 (Drosophila) (MAML1), mRNA."
"Homo sapiens mastermind-like domain containing 1 (MAMLD1), mRNA."
"Homo sapiens mannosidase, alpha, class 1A, member 2 (MAN1A2), mRNA."
"Homo sapiens mannosidase, alpha, class 1B, member 1 (MAN1B1), mRNA."
"Homo sapiens mannosidase, alpha, class 2A, member 2 (MAN2A2), mRNA."
"Homo sapiens mannosidase, alpha, class 2B, member 1 (MAN2B1), mRNA."
"Homo sapiens mannosidase, alpha, class 2B, member 2 (MAN2B2), mRNA."
"Homo sapiens mannosidase, alpha, class 2C, member 1 (MAN2C1), mRNA."
"Homo sapiens mannosidase, beta A, lysosomal (MANBA), mRNA."

"Homo sapiens mannosidase, beta A, lysosomal-like (MANBAL), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens mannosidase, endo-alpha (MANEA), mRNA."
"Homo sapiens mannosidase, endo-alpha-like (MANEAL), transcript variant 1, mRNA."
"Homo sapiens MANSC domain containing 1 (MANSC1), mRNA."
"Homo sapiens microtubule-associated protein 1A (MAP1A), mRNA."
"Homo sapiens microtubule-associated protein 1B (MAP1B), mRNA."
"Homo sapiens methionine aminopeptidase 1D (MAP1D), mRNA."
"Homo sapiens microtubule-associated protein 1 light chain 3 alpha (MAP1LC3A), transcript var
"Homo sapiens microtubule-associated protein 1 light chain 3 beta (MAP1LC3B), mRNA."
"Homo sapiens microtubule-associated protein 1 light chain 3 gamma (MAP1LC3C), mRNA."
"Homo sapiens microtubule-associated protein 1S (MAP1S), mRNA."
"Homo sapiens microtubule-associated protein 2 (MAP2), transcript variant 1, mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 1 (MAP2K1), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 1 interacting protein 1 (MAP2K1IP1), m
"Homo sapiens mitogen-activated protein kinase kinase 2 (MAP2K2), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 3 (MAP2K3), transcript variant B, mRN
"Homo sapiens mitogen-activated protein kinase kinase 4 (MAP2K4), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 6 (MAP2K6), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase 7 (MAP2K7), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 1 (MAP3K1), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 11 (MAP3K11), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 12 (MAP3K12), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 13 (MAP3K13), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 15 (MAP3K15), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 3 (MAP3K3), transcript variant 1
"Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP3K4), transcript variant 1
"Homo sapiens mitogen-activated protein kinase kinase kinase 5 (MAP3K5), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 6 (MAP3K6), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 7 (MAP3K7), transcript variant D
"Homo sapiens mitogen-activated protein kinase kinase kinase 7 interacting protein 1 (MAP3K7
"Homo sapiens mitogen-activated protein kinase kinase kinase 7 interacting protein 2 (MAP3K7
"Homo sapiens mitogen-activated protein kinase kinase kinase 7 interacting protein 3 (MAP3K7
"Homo sapiens mitogen-activated protein kinase kinase kinase 8 (MAP3K8), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase 9 (MAP3K9), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase kinase 1 (MAP4K1), transcript va
"Homo sapiens mitogen-activated protein kinase kinase kinase kinase 2 (MAP4K2), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase kinase 3 (MAP4K3), mRNA."
"Homo sapiens mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4), transcript va
"Homo sapiens mitogen-activated protein kinase kinase kinase kinase 5 (MAP4K5), transcript va
"Homo sapiens microtubule-associated protein 6 (MAP6), transcript variant 1, mRNA."
"Homo sapiens MAP6 domain containing 1 (MAP6D1), mRNA."
"Homo sapiens microtubule-associated protein 7 (MAP7), mRNA."
"Homo sapiens MAP7 domain containing 1 (MAP7D1), mRNA."
"Homo sapiens MAP7 domain containing 2 (MAP7D2), mRNA."

"Homo sapiens microtubule-associated protein 9 (MAP9), mRNA."
"Homo sapiens mitogen-activated protein-binding protein-interacting protein (MAPBPIP), mRNA
"Homo sapiens mitogen-activated protein kinase 1 (MAPK1), transcript variant 1, mRNA."
"Homo sapiens mitogen-activated protein kinase 10 (MAPK10), transcript variant 2, mRNA."
"Homo sapiens mitogen-activated protein kinase 11 (MAPK11), mRNA."
"Homo sapiens mitogen-activated protein kinase 12 (MAPK12), mRNA."
"Homo sapiens mitogen-activated protein kinase 13 (MAPK13), mRNA."
"Homo sapiens mitogen-activated protein kinase 14 (MAPK14), transcript variant 2, mRNA."
"Homo sapiens mitogen-activated protein kinase 15 (MAPK15), mRNA."
"Homo sapiens mitogen-activated protein kinase 3 (MAPK3), mRNA."
"Homo sapiens mitogen-activated protein kinase 6 (MAPK6), mRNA."
"Homo sapiens mitogen-activated protein kinase 7 (MAPK7), transcript variant 3, mRNA."
"Homo sapiens mitogen-activated protein kinase 8 (MAPK8), transcript variant JNK1-a1, mRNA
"Homo sapiens mitogen-activated protein kinase 8 interacting protein 1 (MAPK8IP1), mRNA."
"Homo sapiens mitogen-activated protein kinase 8 interacting protein 3 (MAPK8IP3), transcript v
"Homo sapiens mitogen-activated protein kinase 9 (MAPK9), transcript variant JNK2-a2, mRNA
"Homo sapiens mitogen-activated protein kinase-activated protein kinase 2 (MAPKAPK2), trans
"Homo sapiens mitogen-activated protein kinase-activated protein kinase 3 (MAPKAPK3), mRN
"Homo sapiens mitogen-activated protein kinase-activated protein kinase 5 (MAPKAPK5), trans
"Homo sapiens mitogen-activated protein kinase binding protein 1 (MAPKBP1), mRNA."
"Homo sapiens MAPK scaffold protein 1 (MAPKSP1), transcript variant 2, transcribed RNA."
"Homo sapiens microtubule-associated protein, RP/EB family, member 1 (MAPRE1), mRNA."
"Homo sapiens microtubule-associated protein, RP/EB family, member 2 (MAPRE2), mRNA."
"Homo sapiens microtubule-associated protein, RP/EB family, member 3 (MAPRE3), mRNA."
"Homo sapiens microtubule-associated protein tau (MAPT), transcript variant 4, mRNA."
"Homo sapiens myristoylated alanine-rich protein kinase C substrate (MARCKS), mRNA."
"Homo sapiens MARCKS-like 1 (MARCKSL1), mRNA."
"Homo sapiens MAP/microtubule affinity-regulating kinase 1 (MARK1), mRNA."
"Homo sapiens MAP/microtubule affinity-regulating kinase 2 (MARK2), transcript variant 1, mRN
"Homo sapiens MAP/microtubule affinity-regulating kinase 3 (MARK3), mRNA."
"Homo sapiens MAP/microtubule affinity-regulating kinase 4 (MARK4), mRNA."
"Homo sapiens methionyl-tRNA synthetase (MARS), mRNA."
"Homo sapiens methionyl-tRNA synthetase 2, mitochondrial (MARS2), nuclear gene encoding n
"Homo sapiens microtubule associated serine/threonine kinase 1 (MAST1), mRNA."
"Homo sapiens microtubule associated serine/threonine kinase 2 (MAST2), mRNA."
"Homo sapiens microtubule associated serine/threonine kinase 3 (MAST3), mRNA."
"Homo sapiens microtubule associated serine/threonine kinase family member 4 (MAST4), trans
"Homo sapiens microtubule associated serine/threonine kinase-like (MASTL), mRNA."
"Homo sapiens methionine adenosyltransferase I, alpha (MAT1A), mRNA."
"Homo sapiens methionine adenosyltransferase II, alpha (MAT2A), mRNA."
"Homo sapiens methionine adenosyltransferase II, beta (MAT2B), transcript variant 2, mRNA."
"Homo sapiens megakaryocyte-associated tyrosine kinase (MATK), transcript variant 3, mRNA."
"Homo sapiens matrilin 1, cartilage matrix protein (MATN1), mRNA."
"Homo sapiens matrin 3 (MATR3), transcript variant 1, mRNA."

"Homo sapiens MYC associated factor X (MAX), transcript variant 3, mRNA."
"Homo sapiens MYC-associated zinc finger protein (purine-binding transcription factor) (MAZ), t
"Homo sapiens methyl-CpG binding domain protein 1 (MBD1), transcript variant 3, mRNA."
"Homo sapiens methyl-CpG binding domain protein 2 (MBD2), transcript variant testis-specific, r
"Homo sapiens methyl-CpG binding domain protein 3 (MBD3), mRNA."
"Homo sapiens methyl-CpG binding domain protein 3-like 2 (MBD3L2), mRNA."
"Homo sapiens methyl-CpG binding domain protein 4 (MBD4), mRNA."
"Homo sapiens methyl-CpG binding domain protein 6 (MBD6), mRNA."
"Homo sapiens MAP3K12 binding inhibitory protein 1 (MBIP), mRNA."
"Homo sapiens metallo-beta-lactamase domain containing 1 (MBLAC1), mRNA."
"Homo sapiens metallo-beta-lactamase domain containing 2 (MBLAC2), mRNA."
"Homo sapiens muscleblind-like (Drosophila) (MBNL1), transcript variant 5, mRNA."
"Homo sapiens muscleblind-like 2 (Drosophila) (MBNL2), transcript variant 1, mRNA."
"Homo sapiens muscleblind-like 3 (Drosophila) (MBNL3), transcript variant R, mRNA."
"PREDICTED: Homo sapiens membrane bound O-acyltransferase domain containing 2 (MBOA
"Homo sapiens membrane bound O-acyltransferase domain containing 7 (MBOAT7), mRNA."
"Homo sapiens myelin basic protein (MBP), transcript variant 3, mRNA."
"Homo sapiens mbt domain containing 1 (MBTD1), mRNA."
"Homo sapiens membrane-bound transcription factor peptidase, site 1 (MBTPS1), mRNA."
"Homo sapiens membrane-bound transcription factor peptidase, site 2 (MBTPS2), mRNA."
"Homo sapiens melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor) (MC1
"Homo sapiens melanocortin 2 receptor (adrenocorticotropic hormone) (MC2R), mRNA."
"Homo sapiens melanocortin 4 receptor (MC4R), mRNA."
"Homo sapiens melanocortin 5 receptor (MC5R), mRNA."
"Homo sapiens melanoma cell adhesion molecule (MCAM), mRNA."
"Homo sapiens mitochondrial carrier triple repeat 1 (MCART1), mRNA."
"Homo sapiens malonyl CoA:ACP acyltransferase (mitochondrial) (MCAT), nuclear gene encodi
"Homo sapiens methylcrotonoyl-Coenzyme A carboxylase 1 (alpha) (MCCC1), nuclear gene en
"Homo sapiens methylcrotonoyl-Coenzyme A carboxylase 2 (beta) (MCCC2), mRNA."
"Homo sapiens mitochondrial coiled-coil domain 1 (MCCD1), mRNA."
"Homo sapiens methylmalonyl CoA epimerase (MCEE), mRNA."
"Homo sapiens MCF.2 cell line derived transforming sequence-like (MCF2L), mRNA."
"Homo sapiens multiple coagulation factor deficiency 2 (MCFD2), mRNA."
"Homo sapiens melanin-concentrating hormone receptor 1 (MCHR1), mRNA."
"Homo sapiens myeloid cell leukemia sequence 1 (BCL2-related) (MCL1), transcript variant 1, m
"Homo sapiens minichromosome maintenance complex component 10 (MCM10), transcript vari
"Homo sapiens minichromosome maintenance complex component 2 (MCM2), mRNA."
"Homo sapiens minichromosome maintenance complex component 3 (MCM3), mRNA."
"Homo sapiens minichromosome maintenance complex component 3 associated protein (MCM
Homo sapiens MCM3 minichromosome maintenance deficient 3 (S. cerevisiae) associated prote
"Homo sapiens minichromosome maintenance complex component 4 (MCM4), transcript varian
"Homo sapiens minichromosome maintenance complex component 5 (MCM5), mRNA."
"Homo sapiens minichromosome maintenance complex component 6 (MCM6), mRNA."
"Homo sapiens minichromosome maintenance complex component 7 (MCM7), transcript varian

"Homo sapiens mucolipin 1 (MCOLN1), mRNA."
"Homo sapiens mucolipin 2 (MCOLN2), mRNA."
"Homo sapiens mucolipin 3 (MCOLN3), mRNA."
"Homo sapiens microcephalin 1 (MCPH1), mRNA."
"Homo sapiens microspherule protein 1 (MCRS1), transcript variant 1, mRNA."
"Homo sapiens multiple C2 domains, transmembrane 1 (MCTP1), transcript variant L, mRNA."
"Homo sapiens malignant T cell amplified sequence 1 (MCTS1), mRNA."
"Homo sapiens mediator of DNA damage checkpoint 1 (MDC1), mRNA."
"Homo sapiens MyoD family inhibitor domain containing (MDFIC), mRNA."
"Homo sapiens MAM domain containing glycosylphosphatidylinositol anchor 1 (MDGA1), mRNA
"Homo sapiens malate dehydrogenase 1, NAD (soluble) (MDH1), mRNA."
"Homo sapiens malate dehydrogenase 2, NAD (mitochondrial) (MDH2), nuclear gene encoding
"Homo sapiens Mdm4, transformed 3T3 cell double minute 1, p53 binding protein (mouse) (MDM
"Homo sapiens Mdm2 p53 binding protein homolog (mouse) (MDM2), transcript variant MDM2,
"Homo sapiens Mdm4 p53 binding protein homolog (mouse) (MDM4), mRNA."
"Homo sapiens MDN1, midasin homolog (yeast) (MDN1), mRNA."
"Homo sapiens magnesium-dependent phosphatase 1 (MDP1), mRNA."
"Homo sapiens malic enzyme 2, NAD(+)-dependent, mitochondrial (ME2), nuclear gene encodir
"Homo sapiens male-enhanced antigen 1 (MEA1), mRNA."
"Homo sapiens MYST/Esa1-associated factor 6 (MEAF6), mRNA."
"Homo sapiens mitochondrial trans-2-enoyl-CoA reductase (MECR), nuclear gene encoding mit
"Homo sapiens mediator complex subunit 1 (MED1), mRNA."
"Homo sapiens mediator complex subunit 10 (MED10), mRNA."
"Homo sapiens mediator complex subunit 11 (MED11), mRNA."
"Homo sapiens mediator of RNA polymerase II transcription, subunit 12 homolog (yeast) (MED1
"Homo sapiens mediator complex subunit 12-like (MED12L), mRNA."
"Homo sapiens mediator complex subunit 13 (MED13), mRNA."
"Homo sapiens mediator complex subunit 13-like (MED13L), mRNA."
"Homo sapiens mediator complex subunit 14 (MED14), mRNA. XM_942921"
"Homo sapiens mediator complex subunit 15 (MED15), transcript variant 1, mRNA."
"Homo sapiens mediator complex subunit 16 (MED16), mRNA."
"Homo sapiens mediator complex subunit 17 (MED17), mRNA."
"Homo sapiens mediator complex subunit 19 (MED19), mRNA."
"Homo sapiens mediator complex subunit 20 (MED20), mRNA."
"Homo sapiens mediator complex subunit 21 (MED21), mRNA."
"Homo sapiens mediator complex subunit 22 (MED22), transcript variant c, mRNA."
"Homo sapiens mediator complex subunit 23 (MED23), transcript variant 2, mRNA."
"Homo sapiens mediator complex subunit 24 (MED24), transcript variant 1, mRNA."
"Homo sapiens mediator complex subunit 25 (MED25), mRNA."
"Homo sapiens mediator complex subunit 26 (MED26), mRNA."
"Homo sapiens mediator complex subunit 27 (MED27), mRNA."
"Homo sapiens mediator complex subunit 28 (MED28), mRNA."
"Homo sapiens mediator complex subunit 29 (MED29), mRNA."
"Homo sapiens mediator complex subunit 30 (MED30), mRNA."

"Homo sapiens mediator complex subunit 31 (MED31), mRNA."
"Homo sapiens mediator complex subunit 4 (MED4), mRNA."
"Homo sapiens mediator complex subunit 6 (MED6), mRNA."
"Homo sapiens mediator complex subunit 7 (MED7), transcript variant 1, mRNA."
"Homo sapiens mediator of RNA polymerase II transcription, subunit 8 homolog (S. cerevisiae) (
"Homo sapiens mediator complex subunit 9 (MED9), mRNA."
"Homo sapiens myocyte enhancer factor 2A (MEF2A), mRNA."
"Homo sapiens myocyte enhancer factor 2B (MEF2B), mRNA."
"Homo sapiens myocyte enhancer factor 2C (MEF2C), mRNA."
"Homo sapiens myocyte enhancer factor 2D (MEF2D), mRNA."
"Homo sapiens multiple EGF-like-domains 11 (MEGF11), mRNA."
"Homo sapiens multiple EGF-like-domains 8 (MEGF8), mRNA."
"Homo sapiens multiple EGF-like-domains 9 (MEGF9), mRNA."
"Homo sapiens meiosis inhibitor 1 (MEI1), mRNA. XM_934904 XM_934906 XM_934908 XM_93
"Homo sapiens meiosis expressed gene 1 homolog (mouse) (MEIG1), mRNA."
"Homo sapiens Meis homeobox 2 (MEIS2), transcript variant h, mRNA."
"Homo sapiens Meis homeobox 3 (MEIS3), transcript variant 2, mRNA."
"Homo sapiens maternal embryonic leucine zipper kinase (MELK), mRNA."
"Homo sapiens mediator of cell motility 1 (MEMO1), transcript variant 1, mRNA."
"Homo sapiens multiple endocrine neoplasia I (MEN1), transcript variant e1D, mRNA."
"Homo sapiens methylphosphate capping enzyme (MEPCE), mRNA."
"Homo sapiens matrix extracellular phosphoglycoprotein (MEPE), mRNA."
"Homo sapiens c-mer proto-oncogene tyrosine kinase (MERTK), mRNA."
"Homo sapiens mesoderm development candidate 1 (MESDC1), mRNA."
"Homo sapiens mesoderm posterior 1 homolog (mouse) (MESP1), mRNA."
"Homo sapiens mesoderm posterior 2 homolog (mouse) (MESP2), mRNA."
"Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcript variant 3, mR
"Homo sapiens met proto-oncogene (hepatocyte growth factor receptor) (MET), transcript variar
"Homo sapiens methionyl aminopeptidase 1 (METAP1), mRNA."
"Homo sapiens methionyl aminopeptidase 2 (METAP2), mRNA."
"Homo sapiens meteorin, glial cell differentiation regulator (METRN), mRNA."
"PREDICTED: Homo sapiens meteorin, glial cell differentiation regulator-like (METRNL), mRNA
"Homo sapiens methyltransferase 10 domain containing (METT10D), mRNA."
"Homo sapiens methyltransferase 11 domain containing 1 (METT11D1), transcript variant 2, mR
"Homo sapiens methyltransferase 5 domain containing 1 (METT5D1), mRNA."
"Homo sapiens methyltransferase like 1 (METTL1), transcript variant 2, mRNA."
"Homo sapiens methyltransferase like 11A (METTL11A), mRNA."
"Homo sapiens methyltransferase like 11B (METTL11B), mRNA."
"Homo sapiens methyltransferase like 12 (METTL12), nuclear gene encoding mitochondrial prot
"Homo sapiens methyltransferase like 13 (METTL13), transcript variant 3, mRNA."
"Homo sapiens methyltransferase like 14 (METTL14), mRNA."
"Homo sapiens methyltransferase like 2A (METTL2A), mRNA."
"Homo sapiens methyltransferase like 3 (METTL3), mRNA."
"Homo sapiens methyltransferase like 4 (METTL4), mRNA."

"Homo sapiens methyltransferase like 5 (METTL5), mRNA."
"Homo sapiens methyltransferase like 7A (METTL7A), mRNA."
"Homo sapiens methyltransferase like 7B (METTL7B), mRNA."
"Homo sapiens methyltransferase like 9 (METTL9), transcript variant 2, mRNA."
"Homo sapiens mex-3 homolog A (C. elegans) (MEX3A), mRNA."
"Homo sapiens mex-3 homolog B (C. elegans) (MEX3B), mRNA."
"Homo sapiens mex-3 homolog C (C. elegans) (MEX3C), mRNA."
"Homo sapiens mex-3 homolog D (C. elegans) (MEX3D), transcript variant 2, mRNA."
"Homo sapiens microfibrillar-associated protein 1 (MFAP1), mRNA."
"Homo sapiens microfibrillar-associated protein 2 (MFAP2), transcript variant 1, mRNA."
"Homo sapiens microfibrillar-associated protein 3 (MFAP3), mRNA."
"Homo sapiens microfibrillar-associated protein 4 (MFAP4), mRNA."
"Homo sapiens microfibrillar associated protein 5 (MFAP5), mRNA."
"Homo sapiens mitochondrial fission factor (MFF), nuclear gene encoding mitochondrial protein,
"Homo sapiens milk fat globule-EGF factor 8 protein (MFGE8), mRNA."
"Homo sapiens malignant fibrous histiocytoma amplified sequence 1 (MFHAS1), mRNA."
"Homo sapiens antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 a
"Homo sapiens mitofusin 2 (MFN2), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (MFNG), mRN
"Homo sapiens major facilitator superfamily domain containing 1 (MFSD1), mRNA."
"Homo sapiens major facilitator superfamily domain containing 10 (MFSD10), mRNA."
"Homo sapiens major facilitator superfamily domain containing 11 (MFSD11), mRNA."
"Homo sapiens major facilitator superfamily domain containing 2 (MFSD2), mRNA."
"Homo sapiens major facilitator superfamily domain containing 3 (MFSD3), mRNA."
"Homo sapiens major facilitator superfamily domain containing 5 (MFSD5), mRNA."
"Homo sapiens major facilitator superfamily domain containing 6 (MFSD6), mRNA."
"Homo sapiens major facilitator superfamily domain containing 8 (MFSD8), mRNA."
"Homo sapiens MAX gene associated (MGA), mRNA."
"Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (M
"Homo sapiens mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (M
"Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, is
"Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, is
"PREDICTED: Homo sapiens hypothetical protein MGC10646 (MGC10646), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC10701 (MGC10701), mRNA."
"PREDICTED: Homo sapiens misc_RNA (MGC10981), miscRNA."
Homo sapiens pseudogene MGC10997 (MGC10997) on chromosome 15.
"PREDICTED: Homo sapiens hypothetical protein MGC12760, transcript variant 2 (MGC12760)
"Homo sapiens similar to Cytochrome c, somatic (MGC12965), mRNA."
"Homo sapiens hypothetical protein MGC12982 (MGC12982), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein MGC13005 (MGC13005), mRNA."
"Homo sapiens hypothetical protein MGC13057 (MGC13057), mRNA."
"Homo sapiens hypothetical protein MGC13168 (MGC13168), mRNA."
"Homo sapiens hypothetical protein BC008322 (MGC15763), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC16025 (MGC16025), mRNA."

"PREDICTED: Homo sapiens hypothetical protein MGC16075 (MGC16075), misc RNA."
"PREDICTED: Homo sapiens hypothetical protein MGC16121 (MGC16121), mRNA."
"Homo sapiens hypothetical protein MGC16169 (MGC16169), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC16384 (MGC16384), mRNA."
"Homo sapiens tubulin, alpha pseudogene (MGC16703), non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein MGC18216 (MGC18216), mRNA."
"Homo sapiens hypothetical protein MGC20983 (MGC20983), mRNA."
"Homo sapiens hypothetical locus MGC21881 (MGC21881), non-coding RNA."
"Homo sapiens hypothetical LOC196872 (MGC23270), non-coding RNA."
"Homo sapiens hypothetical LOC197187 (MGC23284), transcript variant 1, non-coding RNA."
"PREDICTED: Homo sapiens hypothetical protein MGC24103 (MGC24103), misc RNA."
"PREDICTED: Homo sapiens hypothetical protein MGC24125 (MGC24125), misc RNA."
"Homo sapiens hypothetical protein MGC25181 (MGC25181), mRNA."
"PREDICTED: Homo sapiens misc_RNA (MGC26356), miscRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC27345 (MGC27345), misc RNA."
"PREDICTED: Homo sapiens similar to ribosomal protein S2; 40S ribosomal protein S2 (MGC2
"PREDICTED: Homo sapiens hypothetical protein MGC27382 (MGC27382), mRNA."
"Homo sapiens hypothetical protein MGC2752 (MGC2752), mRNA."
"Homo sapiens hypothetical protein MGC29506 (MGC29506), mRNA."
"Homo sapiens hypothetical protein MGC3020 (MGC3020), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC3032, transcript variant 3 (MGC3032), m
"PREDICTED: Homo sapiens hypothetical protein MGC3196 (MGC3196), mRNA."
"Homo sapiens hypothetical LOC339541 (MGC33556), mRNA."
"Homo sapiens hypothetical protein MGC33948 (MGC33948), mRNA."
"Homo sapiens hypothetical protein MGC35361 (MGC35361), mRNA."
"Homo sapiens hypothetical protein MGC35440 (MGC35440), mRNA."
"Homo sapiens hypothetical protein MGC3731 (MGC3731), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC39372 (MGC39372), mRNA."
"Homo sapiens hypothetical protein LOC403312 (MGC39545), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC39900 (MGC39900), mRNA."
"Homo sapiens hypothetical protein MGC40168 (MGC40168), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC40489 (MGC40489), misc RNA."
"PREDICTED: Homo sapiens PRotein Associated with Tlr4, transcript variant 4 (MGC40499), m
"PREDICTED: Homo sapiens hypothetical protein MGC40574 (MGC40574), misc RNA."
"Homo sapiens serine/threonine-protein kinase NIM1 (MGC42105), mRNA."
"Homo sapiens hypothetical protein MGC42630 (MGC42630), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC42638 (MGC42638), mRNA."
"Homo sapiens hypothetical protein MGC45491 (MGC45491), mRNA."
"PREDICTED: Homo sapiens hypothetical gene MGC45922 (MGC45922), misc RNA."
"Homo sapiens hypothetical protein MGC4677 (MGC4677), mRNA."
"PREDICTED: Homo sapiens hypothetical protein MGC48637 (MGC48637), mRNA."
"Homo sapiens CXYorf1-related protein (MGC52000), mRNA."
"PREDICTED: Homo sapiens similar to ankyrin-repeat protein Nrarp (MGC61598), mRNA."
"Homo sapiens similar to RIKEN cDNA C030006K11 gene (MGC70857), mRNA."

"Homo sapiens similar to RPL23AP7 protein (MGC70863), transcript variant 1, mRNA."
"Homo sapiens similar to DNA segment, Chr 11, Brigham & Womens Genetics 0434 expressed
Homo sapiens MGC72080 pseudogene (MGC72080) on chromosome 7.
"Homo sapiens similar to FRG1 protein (FSHD region gene 1 protein) (MGC72104), mRNA."
"PREDICTED: Homo sapiens similar to Six transmembrane epithelial antigen of prostate (MGC8
"PREDICTED: Homo sapiens similar to ribosomal protein S14 (MGC87895), mRNA."
"Homo sapiens meningioma expressed antigen 5 (hyaluronidase) (MGEA5), mRNA."
"Homo sapiens monoglyceride lipase (MGLL), transcript variant 1, mRNA."
"Homo sapiens O-6-methylguanine-DNA methyltransferase (MGMT), mRNA."
"Homo sapiens matrix Gla protein (MGP), mRNA."
"Homo sapiens microsomal glutathione S-transferase 1 (MGST1), transcript variant 1a, mRNA."
"Homo sapiens microsomal glutathione S-transferase 2 (MGST2), mRNA."
"Homo sapiens microsomal glutathione S-transferase 3 (MGST3), mRNA."
"Homo sapiens melanoma inhibitory activity (MIA), mRNA."
"PREDICTED: Homo sapiens melanoma inhibitory activity family, member 3, transcript variant 3
"Homo sapiens myocardial infarction associated transcript (non-protein coding) (MIAT), non-cod
"Homo sapiens mindbomb homolog 1 (Drosophila) (MIB1), mRNA."
"PREDICTED: Homo sapiens mindbomb homolog 2 (Drosophila) (MIB2), mRNA."
"Homo sapiens MHC class I polypeptide-related sequence A (MICA), mRNA."
"Homo sapiens microtubule associated monoxygenase, calponin and LIM domain containing 1 (
"Homo sapiens microtubule associated monoxygenase, calponin and LIM domain containing 2 (
"Homo sapiens MICAL C-terminal like (MICALCL), mRNA."
"Homo sapiens MICAL-like 1 (MICALL1), mRNA."
"Homo sapiens MHC class I polypeptide-related sequence B (MICB), mRNA."
"Homo sapiens MID1 interacting protein 1 (gastrulation specific G12 homolog (zebrafish)) (MID1
"Homo sapiens midnolin (MIDN), mRNA."
"Homo sapiens mesoderm induction early response 1 homolog (Xenopus laevis) (MIER1), trans
"Homo sapiens mesoderm induction early response 1, family member 3 (MIER3), mRNA."
"Homo sapiens macrophage migration inhibitory factor (glycosylation-inhibiting factor) (MIF), mF
"Homo sapiens MIF4G domain containing (MIF4GD), mRNA."
"Homo sapiens migration and invasion inhibitory protein (MIIP), mRNA."
"Homo sapiens MER1 repeat containing imprinted transcript 1 (non-protein coding) (MIMT1), no
"Homo sapiens MYC induced nuclear antigen (MINA), transcript variant 3, mRNA."
"Homo sapiens multiple inositol polyphosphate histidine phosphatase, 1 (MINPP1), mRNA."
"Homo sapiens missing oocyte, meiosis regulator, homolog (Drosophila) (MIOS), mRNA."
"Homo sapiens mitochondrial intermediate peptidase (MIPEP), nuclear gene encoding mitochor
"Homo sapiens microRNA 100 (MIR100), microRNA."
"Homo sapiens microRNA 106b (MIR106B), microRNA."
"Homo sapiens microRNA 1185-1 (MIR1185-1), microRNA."
"Homo sapiens microRNA 1204 (MIR1204), microRNA."
"Homo sapiens microRNA 1208 (MIR1208), microRNA."
"Homo sapiens microRNA 122 (MIR122), microRNA."
"Homo sapiens microRNA 1224 (MIR1224), microRNA."
"Homo sapiens microRNA 1228 (MIR1228), microRNA."

"Homo sapiens microRNA 1237 (MIR1237), microRNA."
"Homo sapiens microRNA 1243 (MIR1243), microRNA."
"Homo sapiens microRNA 1255b-2 (MIR1255B2), microRNA."
"Homo sapiens microRNA 125b-2 (MIR125B2), microRNA."
"Homo sapiens microRNA 1265 (MIR1265), microRNA."
"Homo sapiens microRNA 1267 (MIR1267), microRNA."
"Homo sapiens microRNA 1269 (MIR1269), microRNA."
"Homo sapiens microRNA 1272 (MIR1272), microRNA."
"Homo sapiens microRNA 1274a (MIR1274A), microRNA."
"Homo sapiens microRNA 1277 (MIR1277), microRNA."
"Homo sapiens microRNA 1281 (MIR1281), microRNA."
"Homo sapiens microRNA 129-1 (MIR129-1), microRNA."
"Homo sapiens microRNA 1293 (MIR1293), microRNA."
"Homo sapiens microRNA 130a (MIR130A), microRNA."
"Homo sapiens microRNA 1321 (MIR1321), microRNA."
"Homo sapiens microRNA 1323 (MIR1323), microRNA."
"Homo sapiens microRNA 138-2 (MIR138-2), microRNA."
"Homo sapiens microRNA 1471 (MIR1471), microRNA."
"Homo sapiens microRNA 1537 (MIR1537), microRNA."
"Homo sapiens MIR155 host gene (non-protein coding) (MIR155HG), non-coding RNA."
"Homo sapiens microRNA 16-2 (MIR16-2), microRNA."
"Homo sapiens microRNA 182 (MIR182), microRNA."
"Homo sapiens microRNA 1910 (MIR1910), microRNA."
"Homo sapiens microRNA 1914 (MIR1914), microRNA."
"Homo sapiens microRNA 192 (MIR192), microRNA."
"Homo sapiens microRNA 1974 (MIR1974), microRNA."
"Homo sapiens microRNA 1978 (MIR1978), microRNA."
"Homo sapiens microRNA 1979 (MIR1979), microRNA."
"Homo sapiens microRNA 199b (MIR199B), microRNA."
"Homo sapiens microRNA 204 (MIR204), microRNA."
"Homo sapiens microRNA 21 (MIR21), microRNA."
"Homo sapiens microRNA 214 (MIR214), microRNA."
"Homo sapiens microRNA 215 (MIR215), microRNA."
"Homo sapiens microRNA 219-2 (MIR219-2), microRNA."
"Homo sapiens microRNA 2276 (MIR2276), microRNA."
"Homo sapiens microRNA 23a (MIR23A), microRNA."
"Homo sapiens microRNA 25 (MIR25), microRNA."
"Homo sapiens microRNA 298 (MIR298), microRNA."
"Homo sapiens microRNA 300 (MIR300), microRNA."
"Homo sapiens microRNA 30b (MIR30B), microRNA."
"Homo sapiens microRNA 30c-2 (MIR30C2), microRNA."
"Homo sapiens microRNA 32 (MIR32), microRNA."
"Homo sapiens microRNA 320a (MIR320A), microRNA."
"Homo sapiens microRNA 320c-1 (MIR320C1), microRNA."

"Homo sapiens microRNA 326 (MIR326), microRNA."
"Homo sapiens microRNA 330 (MIR330), microRNA."
"Homo sapiens microRNA 340 (MIR340), microRNA."
"Homo sapiens microRNA 365-1 (MIR365-1), microRNA."
"Homo sapiens microRNA 370 (MIR370), microRNA."
"Homo sapiens microRNA 371 (MIR371), microRNA."
"Homo sapiens microRNA 376c (MIR376C), microRNA."
"Homo sapiens microRNA 377 (MIR377), microRNA."
"Homo sapiens microRNA 382 (MIR382), microRNA."
"Homo sapiens microRNA 425 (MIR425), microRNA."
"Homo sapiens microRNA 429 (MIR429), microRNA."
"Homo sapiens microRNA 448 (MIR448), microRNA."
"Homo sapiens microRNA 451 (MIR451), microRNA."
"Homo sapiens microRNA 453 (MIR453), microRNA."
"Homo sapiens microRNA 455 (MIR455), microRNA."
"Homo sapiens microRNA 489 (MIR489), microRNA."
"Homo sapiens microRNA 498 (MIR498), microRNA."
"Homo sapiens microRNA 505 (MIR505), microRNA."
"Homo sapiens microRNA 507 (MIR507), microRNA."
"Homo sapiens microRNA 511-2 (MIR511-2), microRNA."
"Homo sapiens microRNA 517b (MIR517B), microRNA."
"Homo sapiens microRNA 532 (MIR532), microRNA."
"Homo sapiens microRNA 548f-4 (MIR548F4), microRNA."
"Homo sapiens microRNA 550-2 (MIR550-2), microRNA."
"Homo sapiens microRNA 557 (MIR557), microRNA."
"Homo sapiens microRNA 561 (MIR561), microRNA."
"Homo sapiens microRNA 564 (MIR564), microRNA."
"Homo sapiens microRNA 568 (MIR568), microRNA."
"Homo sapiens microRNA 569 (MIR569), microRNA."
"Homo sapiens microRNA 572 (MIR572), microRNA."
"Homo sapiens microRNA 578 (MIR578), microRNA."
"Homo sapiens microRNA 586 (MIR586), microRNA."
"Homo sapiens microRNA 593 (MIR593), microRNA."
"Homo sapiens microRNA 599 (MIR599), microRNA."
"Homo sapiens microRNA 603 (MIR603), microRNA."
"Homo sapiens microRNA 616 (MIR616), microRNA."
"Homo sapiens microRNA 635 (MIR635), microRNA."
"Homo sapiens microRNA 638 (MIR638), microRNA."
"Homo sapiens microRNA 643 (MIR643), microRNA."
"Homo sapiens microRNA 658 (MIR658), microRNA."
"Homo sapiens microRNA 665 (MIR665), microRNA."
"Homo sapiens microRNA 708 (MIR708), microRNA."
"Homo sapiens microRNA 761 (MIR761), microRNA."
"Homo sapiens microRNA 770 (MIR770), microRNA."

"Homo sapiens microRNA 886 (MIR886), microRNA."
"Homo sapiens microRNA 93 (MIR93), microRNA."
"Homo sapiens microRNA 940 (MIR940), microRNA."
"Homo sapiens microRNA 942 (MIR942), microRNA."
"Homo sapiens microRNA 943 (MIR943), microRNA."
"Homo sapiens microRNA 944 (MIR944), microRNA."
"PREDICTED: Homo sapiens ncRNA (MIRH1), miscRNA."
"Homo sapiens microRNA let-7c (MIRLET7C), microRNA."
"Homo sapiens MIS12, MIND kinetochore complex component, homolog (S. pombe) (MIS12), m
"Homo sapiens MIT, microtubule interacting and transport, domain containing 1 (MITD1), mRNA
"Homo sapiens microphthalmia-associated transcription factor (MITF), transcript variant 3, mRN
"Homo sapiens Mix1 homeobox-like 1 (Xenopus laevis) (MIXL1), mRNA."
"Homo sapiens antigen identified by monoclonal antibody Ki-67 (MKI67), mRNA."
"Homo sapiens MKI67 (FHA domain) interacting nucleolar phosphoprotein (MKI67IP), mRNA."
"Homo sapiens McKusick-Kaufman syndrome (MKKS), transcript variant 2, mRNA."
"Homo sapiens megakaryoblastic leukemia (translocation) 1 (MKL1), mRNA."
"Homo sapiens MKL/myocardin-like 2 (MKL2), mRNA."
"Homo sapiens muskelin 1, intracellular mediator containing kelch motifs (MKLN1), mRNA."
"Homo sapiens MAP kinase interacting serine/threonine kinase 1 (MKNK1), transcript variant 2,
"Homo sapiens MAP kinase interacting serine/threonine kinase 2 (MKNK2), transcript variant 1,
"Homo sapiens makorin ring finger protein 1 (MKRN1), mRNA."
"Homo sapiens makorin ring finger protein 2 (MKRN2), mRNA."
"Homo sapiens Meckel syndrome, type 1 (MKS1), mRNA."
"Homo sapiens mohawk homeobox (MKX), mRNA."
"Homo sapiens malectin (MLEC), mRNA."
"Homo sapiens myeloid leukemia factor 1 (MLF1), mRNA."
"Homo sapiens MLF1 interacting protein (MLF1IP), mRNA."
"Homo sapiens myeloid leukemia factor 2 (MLF2), mRNA."
"Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA."
"PREDICTED: Homo sapiens mixed lineage kinase domain-like (MLKL), mRNA."
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) (MI
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 2 (MLL2), mRNA."
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 3 (MLL3), transcript variant 2, mRN
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 4 (MLL4), mRNA."
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila) (I
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); tra
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); tra
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); tra
"Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); tra
"Homo sapiens melanophilin (MLPH), transcript variant 2, mRNA."
"Homo sapiens MTOR associated protein, LST8 homolog (S. cerevisiae) (MLST8), mRNA."
"Homo sapiens MAX-like protein X (MLX), transcript variant 1, mRNA."
"Homo sapiens malonyl-CoA decarboxylase (MLYCD), nuclear gene encoding mitochondrial pro
"Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblA type (MMAA), mRNA."

"Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria (M
"Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria (M
"Homo sapiens monocyte to macrophage differentiation-associated (MMD), mRNA."
"Homo sapiens membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CAL
"Homo sapiens membrane magnesium transporter 1 (MMGT1), mRNA."
"Homo sapiens matrix metallopeptidase 1 (interstitial collagenase) (MMP1), mRNA."
"Homo sapiens matrix metallopeptidase 11 (stromelysin 3) (MMP11), mRNA."
"Homo sapiens matrix metallopeptidase 16 (membrane-inserted) (MMP16), transcript variant 1,
"Homo sapiens matrix metallopeptidase 23B (MMP23B), mRNA."
"Homo sapiens matrix metallopeptidase 24 (membrane-inserted) (MMP24), mRNA."
"Homo sapiens matrix metallopeptidase 28 (MMP28), transcript variant 1, mRNA."
"Homo sapiens matrix metallopeptidase 7 (matrilysin, uterine) (MMP7), mRNA."
"Homo sapiens matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collag
"Homo sapiens MMS19 nucleotide excision repair homolog (S. cerevisiae) (MMS19), mRNA."
"Homo sapiens MMS19-like (MET18 homolog, S. cerevisiae) (MMS19L), mRNA."
"Homo sapiens meningioma (disrupted in balanced translocation) 1 (MN1), mRNA."
"Homo sapiens menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis) (MNAT1),
"Homo sapiens meiotic nuclear divisions 1 homolog (S. cerevisiae) (MND1), mRNA."
"Homo sapiens myeloid cell nuclear differentiation antigen (MNDA), mRNA."
"Homo sapiens meiosis-specific nuclear structural 1 (MNS1), mRNA."
"Homo sapiens MAX binding protein (MNT), mRNA."
"Homo sapiens motor neuron and pancreas homeobox 1 (MNX1), transcript variant 1, mRNA."
"Homo sapiens modulator of apoptosis 1 (MOAP1), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 1B (yeast) (MOBK1B), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 1A (yeast) (MOBKL1A), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 1B (yeast) (MOBKL1B), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 2A (yeast) (MOBKL2A), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 2B (yeast) (MOBKL2B), mRNA."
"Homo sapiens MOB1, Mps One Binder kinase activator-like 2C (yeast) (MOBKL2C), transcript
"Homo sapiens MOB1, Mps One Binder kinase activator-like 3 (yeast) (MOBKL3), transcript vari
"Homo sapiens molybdenum cofactor sulfurase (MOCOS), mRNA."
"Homo sapiens molybdenum cofactor synthesis 2 (MOCS2), transcript variant 3, mRNA."
"Homo sapiens molybdenum cofactor synthesis 3 (MOCS3), mRNA."
"Homo sapiens mannosyl-oligosaccharide glucosidase (MOGS), transcript variant 1, mRNA."
"Homo sapiens MON1 homolog A (yeast) (MON1A), mRNA."
"Homo sapiens MON1 homolog B (yeast) (MON1B), mRNA."
"Homo sapiens MON2 homolog (yeast) (MON2), mRNA."
"Homo sapiens MORC family CW-type zinc finger 1 (MORC1), mRNA."
"Homo sapiens MORC family CW-type zinc finger 3 (MORC3), mRNA."
"Homo sapiens MORC family CW-type zinc finger 4 (MORC4), mRNA."
"Homo sapiens mortality factor 4 like 1 (MORF4L1), transcript variant 2, mRNA."
"Homo sapiens mortality factor 4 like 2 (MORF4L2), mRNA."
"Homo sapiens mitogen-activated protein kinase organizer 1 (MORG1), mRNA."
"Homo sapiens MORN repeat containing 2 (MORN2), mRNA."

"Homo sapiens MORN repeat containing 3 (MORN3), mRNA."
"Homo sapiens MORN repeat containing 4 (MORN4), transcript variant 1, mRNA."
"Homo sapiens MORN repeat containing 5 (MORN5), mRNA."
"Homo sapiens v-mos Moloney murine sarcoma viral oncogene homolog (MOS), mRNA."
"Homo sapiens motile sperm domain containing 1 (MOSPD1), mRNA."
"Homo sapiens motile sperm domain containing 2 (MOSPD2), mRNA."
"Homo sapiens motile sperm domain containing 3 (MOSPD3), transcript variant 2, mRNA."
"Homo sapiens Mov10, Moloney leukemia virus 10, homolog (mouse) (MOV10), mRNA."
"Homo sapiens monooxygenase, DBH-like 1 (MOXD1), transcript variant 2, mRNA."
"Homo sapiens mannose-P-dolichol utilization defect 1 (MPDU1), mRNA."
"PREDICTED: Homo sapiens macrophage expressed gene 1, transcript variant 1 (MPEG1), mR
"Homo sapiens M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein) (MPHOSPH
"Homo sapiens M-phase phosphoprotein 6 (MPHOSPH6), mRNA."
"Homo sapiens M-phase phosphoprotein 8 (MPHOSPH8), mRNA."
"Homo sapiens M-phase phosphoprotein 9 (MPHOSPH9), mRNA."
"Homo sapiens mannose phosphate isomerase (MPI), mRNA."
"Homo sapiens MPN domain containing (MPND), mRNA."
"Homo sapiens myeloperoxidase (MPO), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens membrane protein, palmitoylated 1, 55kDa (MPP1), mRNA."
"Homo sapiens membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) (MPP2),
"Homo sapiens membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (MPP5),
"Homo sapiens membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) (MPP6),
"Homo sapiens metallophosphoesterase 1 (MPPE1), mRNA."
"Homo sapiens metallophosphoesterase domain containing 2 (MPPED2), mRNA."
"Homo sapiens myosin phosphatase Rho interacting protein (MPRIP), transcript variant 1, mRN
"Homo sapiens mercaptopyruvate sulfurtransferase (MPST), nuclear gene encoding mitochondr
"Homo sapiens MpV17 mitochondrial inner membrane protein (MPV17), nuclear gene encoding
"Homo sapiens MPV17 mitochondrial membrane protein-like (MPV17L), nuclear gene encoding
"Homo sapiens MPV17 mitochondrial membrane protein-like 2 (MPV17L2), nuclear gene encod
"Homo sapiens myelin protein zero-like 1 (MPZL1), transcript variant 2, mRNA."
"Homo sapiens myelin protein zero-like 2 (MPZL2), transcript variant 2, mRNA."
"Homo sapiens major histocompatibility complex, class I-related (MR1), mRNA."
"Homo sapiens mannose receptor, C type 2 (MRC2), mRNA."
"Homo sapiens MRE11 meiotic recombination 11 homolog A (S. cerevisiae) (MRE11A), transcri
"Homo sapiens melanoregulin (MREG), mRNA."
"Homo sapiens Mof4 family associated protein 1 (MRFAP1), mRNA."
"Homo sapiens Morf4 family associated protein 1-like 1 (MRFAP1L1), transcript variant 2, mRN
"Homo sapiens MAS-related GPR, member D (MRGPRD), mRNA."
"Homo sapiens MAS-related GPR, member X3 (MRGPRX3), mRNA."
"Homo sapiens methylthioribose-1-phosphate isomerase homolog (S. cerevisiae) (MRI1), transc
"Homo sapiens myosin regulatory light chain MRLC2 (MRLC2), mRNA."
"Homo sapiens mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae) (MRM1), nucle
"Homo sapiens mitochondrial ribosomal protein L1 (MRPL1), nuclear gene encoding mitochondr
"Homo sapiens mitochondrial ribosomal protein L10 (MRPL10), nuclear gene encoding mitocho

"Homo sapiens mitochondrial ribosomal protein L11 (MRPL11), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L12 (MRPL12), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L13 (MRPL13), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L14 (MRPL14), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L15 (MRPL15), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L16 (MRPL16), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L17 (MRPL17), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L18 (MRPL18), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L19 (MRPL19), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L2 (MRPL2), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein L20 (MRPL20), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L21 (MRPL21), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L22 (MRPL22), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L23 (MRPL23), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L24 (MRPL24), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L27 (MRPL27), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L28 (MRPL28), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L3 (MRPL3), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein L32 (MRPL32), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L33 (MRPL33), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L34 (MRPL34), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L35 (MRPL35), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L36 (MRPL36), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L37 (MRPL37), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L38 (MRPL38), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L39 (MRPL39), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L4 (MRPL4), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein L40 (MRPL40), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L41 (MRPL41), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L42 (MRPL42), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L42 pseudogene 5 (MRPL42P5), non-coding RN
"Homo sapiens mitochondrial ribosomal protein L43 (MRPL43), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L44 (MRPL44), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L45 (MRPL45), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L46 (MRPL46), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L47 (MRPL47), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L48 (MRPL48), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L49 (MRPL49), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L50 (MRPL50), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L51 (MRPL51), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L52 (MRPL52), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L53 (MRPL53), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L54 (MRPL54), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear gene encoding mitocho

"Homo sapiens mitochondrial ribosomal protein L9 (MRPL9), nuclear gene encoding mitochondr
"Homo sapiens mitochondrial ribosomal protein S10 (MRPS10), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S11 (MRPS11), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S12 (MRPS12), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S15 (MRPS15), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S16 (MRPS16), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S17 (MRPS17), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S18A (MRPS18A), nuclear gene encoding mitoc
"Homo sapiens mitochondrial ribosomal protein S18B (MRPS18B), nuclear gene encoding mitoc
"Homo sapiens mitochondrial ribosomal protein S18C (MRPS18C), nuclear gene encoding mito
"Homo sapiens mitochondrial ribosomal protein S2 (MRPS2), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein S21 (MRPS21), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S22 (MRPS22), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S23 (MRPS23), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S24 (MRPS24), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S25 (MRPS25), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S26 (MRPS26), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S27 (MRPS27), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S28 (MRPS28), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S30 (MRPS30), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S31 (MRPS31), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S33 (MRPS33), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S34 (MRPS34), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S35 (MRPS35), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S36 (MRPS36), nuclear gene encoding mitocho
"Homo sapiens mitochondrial ribosomal protein S5 (MRPS5), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein S6 (MRPS6), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein S7 (MRPS7), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosomal protein S9 (MRPS9), nuclear gene encoding mitochond
"Homo sapiens mitochondrial ribosome recycling factor (MRRF), nuclear gene encoding mitocho
"Homo sapiens MRS2 magnesium homeostasis factor homolog (S. cerevisiae) pseudogene 2 (M
"Homo sapiens mRNA turnover 4 homolog (S. cerevisiae) (MRTO4), mRNA."
"Homo sapiens membrane-spanning 4-domains, subfamily A, member 1 (MS4A1), transcript var
"Homo sapiens membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-spe
"Homo sapiens membrane-spanning 4-domains, subfamily A, member 6E (MS4A6E), mRNA."
"Homo sapiens membrane-spanning 4-domains, subfamily A, member 7 (MS4A7), transcript var
"Homo sapiens mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli) (MSH2), mRNA."
"Homo sapiens mutS homolog 3 (E. coli) (MSH3), mRNA."
"Homo sapiens mutS homolog 5 (E. coli) (MSH5), transcript variant 4, mRNA."
"Homo sapiens mutS homolog 6 (E. coli) (MSH6), mRNA."
"Homo sapiens musashi homolog 2 (Drosophila) (MSI2), transcript variant 2, mRNA."
"Homo sapiens male-specific lethal 1 homolog (Drosophila) (MSL1), mRNA."
"Homo sapiens male-specific lethal 2 homolog (Drosophila) (MSL2), mRNA."
"Homo sapiens male-specific lethal 3 homolog (Drosophila) (MSL3), transcript variant 4, mRNA.

"Homo sapiens male-specific lethal 3-like 1 (Drosophila) (MSL3L1), transcript variant 1, mRNA."
"Homo sapiens mesothelin (MSLN), transcript variant 2, mRNA."
"Homo sapiens microseminoprotein, prostate associated (MSMP), mRNA."
"Homo sapiens moesin (MSN), mRNA."
"Homo sapiens macrophage scavenger receptor 1 (MSR1), transcript variant SR-AIII, mRNA."
"Homo sapiens methionine sulfoxide reductase A (MSRA), mRNA."
"Homo sapiens methionine sulfoxide reductase B2 (MSRB2), mRNA."
"Homo sapiens methionine sulfoxide reductase B3 (MSRB3), transcript variant 1, mRNA."
"Homo sapiens macrophage stimulating 1 (hepatocyte growth factor-like) (MST1), mRNA."
"Homo sapiens macrophage stimulating 1 receptor (c-met-related tyrosine kinase) (MST1R), mR
"Homo sapiens serine/threonine protein kinase MST4 (MST4), transcript variant 2, mRNA."
"Homo sapiens misato homolog 1 (Drosophila) (MSTO1), mRNA."
"Homo sapiens msh homeobox 1 (MSX1), mRNA."
"Homo sapiens metallothionein 1A (MT1A), mRNA."
"Homo sapiens metallothionein 1E (functional) (MT1E), mRNA."
"Homo sapiens metallothionein 1F (MT1F), mRNA."
"Homo sapiens metallothionein 1G (MT1G), mRNA."
"Homo sapiens metallothionein 1H (MT1H), mRNA."
"Homo sapiens metallothionein 1J (pseudogene) (MT1JP), mRNA."
Homo sapiens metallothionein 1L (gene/pseudogene) (MT1L) on chromosome 16.
"Homo sapiens metallothionein 1X (MT1X), mRNA."
"Homo sapiens metallothionein 2A (MT2A), mRNA."
"Homo sapiens metallothionein 3 (MT3), mRNA."
"Homo sapiens metastasis associated 1 (MTA1), mRNA."
"Homo sapiens metastasis associated 1 family, member 2 (MTA2), mRNA."
"Homo sapiens metastasis associated 1 family, member 3 (MTA3), mRNA."
"Homo sapiens methylthioadenosine phosphorylase (MTAP), mRNA."
"Homo sapiens Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) bindi
"Homo sapiens mitochondrial carrier homolog 1 (C. elegans) (MTCH1), nuclear gene encoding r
"Homo sapiens mitochondrial carrier homolog 2 (C. elegans) (MTCH2), nuclear gene encoding r
"Homo sapiens mature T-cell proliferation 1 (MTCP1), nuclear gene encoding mitochondrial pro
"Homo sapiens metadherin (MTDH), mRNA."
"Homo sapiens metallothionein E (MTE), mRNA."
"Homo sapiens mitochondrial transcription termination factor (MTERF), nuclear gene encoding r
"Homo sapiens MTERF domain containing 1 (MTERFD1), mRNA."
"Homo sapiens MTERF domain containing 2 (MTERFD2), mRNA."
"Homo sapiens metal-regulatory transcription factor 1 (MTF1), mRNA."
"Homo sapiens mitochondrial GTPase 1 homolog (S. cerevisiae) (MTG1), nuclear gene encodin
"Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetra
"Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like (MTHFD1
"Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetra
"Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like (MTHFD2
"Homo sapiens 5,10-methylenetetrahydrofolate reductase (NADPH) (MTHFR), mRNA."
"Homo sapiens 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)

"Homo sapiens methenyltetrahydrofolate synthetase domain containing (MTHFSD), transcript va
"Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), nuclear gene encoding mit
"Homo sapiens mitochondrial translational initiation factor 3 (MTIF3), nuclear gene encoding mit
"Homo sapiens myotubularin 1 (MTM1), mRNA."
"Homo sapiens myotubularin related protein 1 (MTMR1), mRNA."
"Homo sapiens myotubularin related protein 10 (MTMR10), mRNA."
"Homo sapiens myotubularin related protein 11 (MTMR11), transcript variant 1, mRNA."
"Homo sapiens myotubularin related protein 12 (MTMR12), mRNA."
"Homo sapiens myotubularin related protein 14 (MTMR14), transcript variant 2, mRNA."
"Homo sapiens myotubularin related protein 15 (MTMR15), mRNA."
"Homo sapiens myotubularin related protein 2 (MTMR2), transcript variant 1, mRNA."
"Homo sapiens myotubularin related protein 3 (MTMR3), transcript variant 3, mRNA."
"Homo sapiens myotubularin related protein 4 (MTMR4), mRNA."
"Homo sapiens myotubularin related protein 6 (MTMR6), mRNA."
"Homo sapiens myotubularin related protein 9 (MTMR9), mRNA."
"Homo sapiens melatonin receptor 1A (MTNR1A), mRNA."
"Homo sapiens mitochondrial translation optimization 1 homolog (S. cerevisiae) (MTO1), nuclea
"Homo sapiens mitochondrial protein 18 kDa (MTP18), nuclear gene encoding mitochondrial pro
"Homo sapiens myotrophin (MTPN), mRNA."
"Homo sapiens 5-methyltetrahydrofolate-homocysteine methyltransferase (MTR), mRNA."
"Homo sapiens mitochondrial translational release factor 1 (MTRF1), nuclear gene encoding mit
"Homo sapiens mitochondrial translational release factor 1-like (MTRF1L), mRNA."
"Homo sapiens 5-methyltetrahydrofolate-homocysteine methyltransferase reductase (MTRR), tr
"Homo sapiens metastasis suppressor 1 (MTSS1), mRNA."
"Homo sapiens microsomal triglyceride transfer protein (MTTP), mRNA."
"Homo sapiens mitochondrial tumor suppressor 1 (MTUS1), nuclear gene encoding mitochondri
"Homo sapiens metaxin 1 (MTX1), transcript variant 1, mRNA."
"Homo sapiens metaxin 2 (MTX2), transcript variant 2, mRNA."
"Homo sapiens metaxin 3 (MTX3), mRNA."
"Homo sapiens mucin 2, oligomeric mucus/gel-forming (MUC2), mRNA."
"Homo sapiens mucin 20, cell surface associated (MUC20), transcript variant S, mRNA."
"PREDICTED: Homo sapiens mucin 5AC, oligomeric mucus/gel-forming (MUC5AC), mRNA."
"Homo sapiens mucin 6, oligomeric mucus/gel-forming (MUC6), mRNA."
"Homo sapiens mucin-like 1 (MUCL1), mRNA."
"Homo sapiens MU-2/AP1M2 domain containing, death-inducing (MUDENG), mRNA."
"Homo sapiens mitochondrial E3 ubiquitin ligase 1 (MUL1), nuclear gene encoding mitochondria
"Homo sapiens melanoma associated antigen (mutated) 1 (MUM1), mRNA."
"Homo sapiens muscle-related coiled-coil protein (MURC), mRNA."
"Homo sapiens MUS81 endonuclease homolog (S. cerevisiae) (MUS81), mRNA."
"Homo sapiens methylmalonyl Coenzyme A mutase (MUT), nuclear gene encoding mitochondri
"Homo sapiens muted homolog (mouse) (MUTED), mRNA."
"Homo sapiens mutY homolog (E. coli) (MUTYH), transcript variant alpha1, mRNA."
"Homo sapiens mevalonate (diphospho) decarboxylase (MVD), mRNA."
"Homo sapiens mevalonate kinase (mevalonic aciduria) (MVK), mRNA."

"Homo sapiens major vault protein (MVP), transcript variant 1, mRNA."
"Homo sapiens myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse
"Homo sapiens myxovirus (influenza virus) resistance 2 (mouse) (MX2), mRNA."
"Homo sapiens MAX dimerization protein 1 (MXD1), mRNA."
"Homo sapiens MAX dimerization protein 3 (MXD3), mRNA."
"Homo sapiens MAX dimerization protein 4 (MXD4), mRNA."
"Homo sapiens MAX interactor 1 (MXI1), transcript variant 1, mRNA."
"Homo sapiens matrix-remodelling associated 7 (MXRA7), transcript variant 2, mRNA."
"Homo sapiens myeloid-associated differentiation marker (MYADM), transcript variant 4, mRNA.
"Homo sapiens myeloid-associated differentiation marker-like (MYADML), non-coding RNA."
"Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), transcript variant 2
"Homo sapiens MYB binding protein (P160) 1a (MYBBP1A), mRNA."
"Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-like 1 (MYBL1), mRNA."
"Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-like 2 (MYBL2), mRNA."
"Homo sapiens myosin binding protein C, fast type (MYBPC2), mRNA."
"Homo sapiens myosin binding protein C, cardiac (MYBPC3), mRNA."
"Homo sapiens myosin binding protein H (MYBPH), mRNA."
"Homo sapiens v-myc myelocytomatosis viral oncogene homolog (avian) (MYC), mRNA."
"Homo sapiens c-myc binding protein (MYCBP), mRNA."
"Homo sapiens MYC binding protein 2 (MYCBP2), mRNA."
"Homo sapiens v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)
"Homo sapiens myc target 1 (MYCT1), mRNA."
"Homo sapiens myeloid differentiation primary response gene (88) (MYD88), mRNA."
"Homo sapiens myogenic factor 5 (MYF5), mRNA."
"Homo sapiens myogenic factor 6 (herculin) (MYF6), mRNA."
"Homo sapiens myosin, heavy chain 10, non-muscle (MYH10), mRNA."
"Homo sapiens myosin, heavy chain 13, skeletal muscle (MYH13), mRNA."
"Homo sapiens myosin, heavy chain 3, skeletal muscle, embryonic (MYH3), mRNA."
"Homo sapiens myosin, heavy chain 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)
"Homo sapiens myosin, heavy chain 9, non-muscle (MYH9), mRNA."
"Homo sapiens myosin, light polypeptide 1, alkali; skeletal, fast (MYL1), transcript variant 3f, mR
"Homo sapiens myosin, light chain 12A, regulatory, non-sarcomeric (MYL12A), mRNA."
"Homo sapiens myosin, light polypeptide 2, regulatory, cardiac, slow (MYL2), mRNA."
"Homo sapiens myosin, light polypeptide 3, alkali; ventricular, skeletal, slow (MYL3), mRNA."
"Homo sapiens myosin, light chain 4, alkali; atrial, embryonic (MYL4), transcript variant 1, mRNA
"Homo sapiens myosin, light chain 5, regulatory (MYL5), mRNA."
"Homo sapiens myosin, light chain 6, alkali, smooth muscle and non-muscle (MYL6), transcript v
"Homo sapiens myosin, light chain 6B, alkali, smooth muscle and non-muscle (MYL6B), mRNA.
"Homo sapiens myosin regulatory light chain interacting protein (MYLIP), mRNA."
"Homo sapiens myosin X (MYO10), mRNA."
"Homo sapiens myosin XVA (MYO15A), mRNA."
"Homo sapiens myosin XIX (MYO19), transcript variant 1, mRNA."
"Homo sapiens myosin IB (MYO1B), mRNA."
"Homo sapiens myosin IC (MYO1C), transcript variant 1, mRNA."

"Homo sapiens myosin ID (MYO1D), mRNA."
"Homo sapiens myosin IE (MYO1E), mRNA."
"Homo sapiens myosin IG (MYO1G), mRNA."
"Homo sapiens myosin IH (MYO1H), mRNA."
"Homo sapiens myosin IIIA (MYO3A), mRNA."
"Homo sapiens myosin IIIB (MYO3B), transcript variant 1, mRNA."
"Homo sapiens myosin VA (heavy chain 12, myoxin) (MYO5A), mRNA."
"Homo sapiens myosin VC (MYO5C), mRNA."
"Homo sapiens myosin VI (MYO6), mRNA."
"Homo sapiens myosin IXA (MYO9A), mRNA."
"Homo sapiens myosin IXB (MYO9B), mRNA."
"Homo sapiens myoferlin (MYOF), transcript variant 1, mRNA."
"Homo sapiens myogenin (myogenic factor 4) (MYOG), mRNA."
"Homo sapiens myomesin 1, 185kDa (MYOM1), transcript variant 1, mRNA."
"Homo sapiens myomesin (M-protein) 2, 165kDa (MYOM2), mRNA."
"Homo sapiens myozenin 2 (MYOZ2), mRNA."
"Homo sapiens Myb-related transcription factor, partner of profilin (MYPOP), mRNA."
"Homo sapiens MYST histone acetyltransferase 1 (MYST1), transcript variant 1, mRNA."
"Homo sapiens MYST histone acetyltransferase 2 (MYST2), mRNA."
"Homo sapiens MYST histone acetyltransferase (monocytic leukemia) 3 (MYST3), mRNA."
"Homo sapiens MYST histone acetyltransferase (monocytic leukemia) 4 (MYST4), mRNA."
"Homo sapiens myelin transcription factor 1 (MYT1), mRNA."
"Homo sapiens myeloid zinc finger 1 (MZF1), transcript variant 2, mRNA."
"Homo sapiens NEDD4 binding protein 1 (N4BP1), mRNA."
"Homo sapiens NEDD4 binding protein 2-like 1 (N4BP2L1), transcript variant 2, mRNA."
"Homo sapiens NEDD4 binding protein 2-like 2 (N4BP2L2), transcript variant 2, mRNA."
"Homo sapiens Nedd4 binding protein 3 (N4BP3), mRNA."
"Homo sapiens N-6 adenine-specific DNA methyltransferase 1 (putative) (N6AMT1), transcript v
"Homo sapiens N-6 adenine-specific DNA methyltransferase 2 (putative) (N6AMT2), mRNA."
"Homo sapiens N-acylethanolamine acid amidase (NAAA), transcript variant 1, mRNA."
"Homo sapiens N-acetylated alpha-linked acidic dipeptidase 2 (NAALAD2), mRNA."
"Homo sapiens N-acetylated alpha-linked acidic dipeptidase-like 1 (NAALADL1), mRNA."
"Homo sapiens NGFI-A binding protein 1 (EGR1 binding protein 1) (NAB1), mRNA."
"Homo sapiens NGFI-A binding protein 2 (EGR1 binding protein 2) (NAB2), mRNA."
"Homo sapiens nascent-polypeptide-associated complex alpha polypeptide (NACA), mRNA."
"PREDICTED: Homo sapiens NAC alpha domain containing (NACAD), mRNA."
"Homo sapiens nascent-polypeptide-associated complex alpha polypeptide pseudogene 1 (NAC
"Homo sapiens NACC family member 2, BEN and BTB (POZ) domain containing (NACC2), mRI
"Homo sapiens NAD kinase (NADK), mRNA."
"Homo sapiens NAD synthetase 1 (NADSYN1), mRNA."
"Homo sapiens NEDD8 activating enzyme E1 subunit 1 (NAE1), transcript variant 2, mRNA."
"Homo sapiens nuclear assembly factor 1 homolog (S. cerevisiae) (NAF1), mRNA."
Homo sapiens NAG18 protein (NAG18) on chromosome 19.
"Homo sapiens N-acetylgalactosaminidase, alpha- (NAGA), mRNA."

"Homo sapiens N-acetylglucosamine kinase (NAGK), mRNA."
"Homo sapiens N-acetylglucosaminidase, alpha- (NAGLU), mRNA."
"Homo sapiens N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase (NAGPA
"Homo sapiens nuclear apoptosis inducing factor 1 (NAIF1), mRNA."
"Homo sapiens NLR family, apoptosis inhibitory protein (NAIP), transcript variant 1, mRNA."
"Homo sapiens NACHT, leucine rich repeat and PYD containing 5 (NALP5), mRNA."
"Homo sapiens nicotinamide phosphoribosyltransferase (NAMPT), mRNA."
"Homo sapiens nanos homolog 3 (Drosophila) (NANOS3), mRNA."
"Homo sapiens N-acetylneuraminic acid synthase (sialic acid synthase) (NANS), mRNA."
"Homo sapiens nucleosome assembly protein 1-like 1 (NAP1L1), transcript variant 1, mRNA."
"Homo sapiens nucleosome assembly protein 1-like 4 (NAP1L4), mRNA."
"Homo sapiens nucleosome assembly protein 1-like 5 (NAP1L5), mRNA."
"Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, alpha (NAPA), mRNA."
"Homo sapiens N-acyl phosphatidylethanolamine phospholipase D (NAPEPLD), mRNA."
"Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, gamma (NAPG), mRNA."
"Homo sapiens nicotinate phosphoribosyltransferase domain containing 1 (NAPRT1), mRNA."
"Homo sapiens napsin A aspartic peptidase (NAPSA), mRNA."
"Homo sapiens napsin B aspartic peptidase pseudogene (NAPSB), non-coding RNA. XR_0014
"Homo sapiens nuclear prelamin A recognition factor (NARF), transcript variant 3, mRNA."
"Homo sapiens nuclear prelamin A recognition factor-like (NARFL), mRNA."
"Homo sapiens NMDA receptor regulated 1 (NARG1), mRNA."
"Homo sapiens NMDA receptor regulated 1-like (NARG1L), transcript variant 2, mRNA."
"Homo sapiens NMDA receptor regulated 2 (NARG2), transcript variant 1, mRNA."
"Homo sapiens asparaginyl-tRNA synthetase (NARS), mRNA."
"Homo sapiens asparaginyl-tRNA synthetase 2, mitochondrial (putative) (NARS2), nuclear gene
"Homo sapiens nuclear autoantigenic sperm protein (histone-binding) (NASP), transcript variant
"PREDICTED: Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), mF
"Homo sapiens N-acetyltransferase 10 (GCN5-related) (NAT10), mRNA."
"Homo sapiens N-acetyltransferase 12 (NAT12), mRNA."
"Homo sapiens N-acetyltransferase 13 (GCN5-related) (NAT13), mRNA."
"Homo sapiens N-acetyltransferase 14 (GCN5-related, putative) (NAT14), mRNA."
"Homo sapiens N-acetyltransferase 15 (GCN5-related, putative) (NAT15), transcript variant 1, m
"Homo sapiens N-acetyltransferase 5 (GCN5-related, putative) (NAT5), transcript variant 3, mRI
"Homo sapiens N-acetyltransferase 6 (GCN5-related) (NAT6), mRNA."
"Homo sapiens N-acetyltransferase 8-like (GCN5-related, putative) (NAT8L), mRNA."
"Homo sapiens neuron navigator 2 (NAV2), transcript variant 2, mRNA."
"Homo sapiens neuron navigator 3 (NAV3), mRNA."
"Homo sapiens neurobeachin (NBEA), mRNA."
"Homo sapiens neurobeachin-like 2 (NBEAL2), mRNA."
"Homo sapiens neuroblastoma, suppression of tumorigenicity 1 (NBL1), transcript variant 1, mR
"Homo sapiens nibrin (NBN), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 1, transcript variant 11
"PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 10, transcript variant 5
"Homo sapiens neuroblastoma breakpoint family, member 14 (NBPF14), mRNA."

"Homo sapiens neuroblastoma breakpoint family, member 15 (NBPF15), mRNA."
"PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 20, transcript variant 4
"Homo sapiens neuroblastoma breakpoint family, member 22 (pseudogene) (NBPF22P), non-co
"PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 3 (NBPF3), mRNA."
"Homo sapiens neuroblastoma breakpoint family, member 4 (NBPF4), mRNA."
"PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 8 (NBPF8), mRNA."
"Homo sapiens neighbor of BRCA1 gene 1 (NBR1), transcript variant 1, mRNA."
"Homo sapiens neighbor of BRCA1 gene 2 (NBR2), mRNA."
"Homo sapiens neurocalcin delta (NCALD), transcript variant 8, mRNA."
"Homo sapiens neural cell adhesion molecule 2 (NCAM2), mRNA."
"Homo sapiens non-SMC condensin I complex, subunit D2 (NCAPD2), mRNA."
"Homo sapiens non-SMC condensin II complex, subunit D3 (NCAPD3), mRNA."
"Homo sapiens non-SMC condensin I complex, subunit G (NCAPG), mRNA."
"Homo sapiens non-SMC condensin II complex, subunit G2 (NCAPG2), mRNA."
"Homo sapiens non-SMC condensin I complex, subunit H (NCAPH), mRNA."
"Homo sapiens non-SMC condensin II complex, subunit H2 (NCAPH2), transcript variant 2, mRI
"Homo sapiens nuclear cap binding protein subunit 1, 80kDa (NCBP1), mRNA."
"Homo sapiens nuclear cap binding protein subunit 2, 20kDa (NCBP2), transcript variant 1, mRI
"Homo sapiens non-specific cytotoxic cell receptor protein 1 homolog (zebrafish) (NCCRP1), mF
"Homo sapiens neurochondrin (NCDN), transcript variant 1, mRNA."
"Homo sapiens neutrophil cytosolic factor 1 (NCF1), mRNA."
"Homo sapiens neutrophil cytosolic factor 1B pseudogene (NCF1B), non-coding RNA."
"Homo sapiens neutrophil cytosolic factor 1C pseudogene (NCF1C), non-coding RNA."
"Homo sapiens neutrophil cytosolic factor 2 (65kDa, chronic granulomatous disease, autosomal
"Homo sapiens neutrophil cytosolic factor 4, 40kDa (NCF4), transcript variant 1, mRNA."
"Homo sapiens NCK adaptor protein 1 (NCK1), mRNA."
"Homo sapiens NCK adaptor protein 2 (NCK2), transcript variant 1, mRNA."
"Homo sapiens NCK-associated protein 1 (NCKAP1), transcript variant 2, mRNA."
"Homo sapiens NCK-associated protein 1-like (NCKAP1L), mRNA."
"Homo sapiens NCK interacting protein with SH3 domain (NCKIPSD), transcript variant 1, mRN
"Homo sapiens nucleolin (NCL), mRNA."
"Homo sapiens nicalin homolog (zebrafish) (NCLN), mRNA."
"Homo sapiens nuclear receptor coactivator 1 (NCOA1), transcript variant 3, mRNA."
"Homo sapiens nuclear receptor coactivator 2 (NCOA2), mRNA."
"Homo sapiens nuclear receptor coactivator 3 (NCOA3), transcript variant 1, mRNA."
"Homo sapiens nuclear receptor coactivator 4 (NCOA4), mRNA."
"Homo sapiens nuclear receptor coactivator 5 (NCOA5), mRNA."
"Homo sapiens nuclear receptor coactivator 6 (NCOA6), mRNA."
"Homo sapiens nuclear receptor coactivator 6 interacting protein (NCOA6IP), mRNA."
"Homo sapiens nuclear receptor coactivator 7 (NCOA7), mRNA."
"Homo sapiens nuclear receptor co-repressor 1 (NCOR1), mRNA."
"Homo sapiens nuclear receptor co-repressor 2 (NCOR2), transcript variant 2, mRNA."
"Homo sapiens natural cytotoxicity triggering receptor 3 (NCR3), mRNA."
"Homo sapiens non-protein coding RNA 81 (NCRNA00081), non-coding RNA."

"Homo sapiens non-protein coding RNA 85 (NCRNA00085), non-coding RNA."
"Homo sapiens non-protein coding RNA 92 (NCRNA00092), non-coding RNA."
"Homo sapiens non-protein coding RNA 94 (NCRNA00094), non-coding RNA."
"Homo sapiens non-protein coding RNA 115 (NCRNA00115), non-coding RNA."
"Homo sapiens non-protein coding RNA 120 (NCRNA00120), non-coding RNA."
"Homo sapiens non-protein coding RNA 152 (NCRNA00152), transcript variant 1, non-coding Rl
"Homo sapiens non-protein coding RNA 153 (NCRNA00153), mRNA."
"Homo sapiens non-protein coding RNA 158 (NCRNA00158), non-coding RNA."
"Homo sapiens non-protein coding RNA 160 (NCRNA00160), non-coding RNA."
"Homo sapiens non-protein coding RNA 161 (NCRNA00161), non-coding RNA."
"Homo sapiens non-protein coding RNA 162 (NCRNA00162), non-coding RNA."
"Homo sapiens non-protein coding RNA 173 (NCRNA00173), transcript variant 1, non-coding Rl
"Homo sapiens non-protein coding RNA 181 (NCRNA00181), non-coding RNA."
"Homo sapiens non-protein coding RNA 219 (NCRNA00219), non-coding RNA."
"Homo sapiens nicastrin (NCSTN), mRNA."
"Homo sapiens NDC80 homolog, kinetochore complex component (S. cerevisiae) (NDC80), mR
"Homo sapiens nudE nuclear distribution gene E homolog 1 (A. nidulans) (NDE1), mRNA."
"Homo sapiens nudE nuclear distribution gene E homolog (A. nidulans)-like 1 (NDEL1), transcri
"Homo sapiens Nedd4 family interacting protein 1 (NDFIP1), mRNA."
"Homo sapiens Nedd4 family interacting protein 2 (NDFIP2), mRNA."
"Homo sapiens Norrie disease (pseudoglioma) (NDP), mRNA."
"Homo sapiens N-myc downstream regulated gene 1 (NDRG1), mRNA."
"Homo sapiens NDRG family member 2 (NDRG2), transcript variant 6, mRNA."
"Homo sapiens NDRG family member 3 (NDRG3), transcript variant 2, mRNA."
"Homo sapiens NDRG family member 4 (NDRG4), mRNA."
"Homo sapiens N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1 (NDST1), mRNA."
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa (NDUFA1),
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10, 42kDa (NDUFA10
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13 (NDUFA13), mRN
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa (NDUFA2), m
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 (NDUFA4L2),
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa (NDUFA5), r
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa (NDUFA6), r
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa (NDUFA7)
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa (NDUFA8), r
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa (NDUFA9), r
"Homo sapiens NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa (NDUF
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 (ND
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 2 (ND
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1, 7kDa (NDUFB1), mR
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa (NDUFB10),
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa (NDUFB2), nu
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa (NDUFB3), m
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa (NDUFB5), nu

"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa (NDUFB6), nu
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7, 18kDa (NDUFB7), nu
"Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa (NDUFB8), m
"Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa (NDUFC1
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q
"Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa (NDUFV1), mRNA."
"Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa (NDUFV2), mRNA."
"Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa (NDUFV3), nuclear g
"Homo sapiens nebulin (NEB), mRNA."
"Homo sapiens nebulette (NEBL), transcript variant 1, mRNA."
"Homo sapiens N-terminal EF-hand calcium binding protein 1 (NECAB1), mRNA."
"Homo sapiens N-terminal EF-hand calcium binding protein 3 (NECAB3), transcript variant 1, m
"Homo sapiens NECAP endocytosis associated 1 (NECAP1), mRNA."
"Homo sapiens NECAP endocytosis associated 2 (NECAP2), mRNA."
"Homo sapiens neural precursor cell expressed, developmentally down-regulated 1 (NEDD1), m
"Homo sapiens neural precursor cell expressed, developmentally down-regulated 4 (NEDD4), tr
"Homo sapiens neural precursor cell expressed, developmentally down-regulated 4-like (NEDD4
"Homo sapiens neural precursor cell expressed, developmentally down-regulated 8 (NEDD8), m
"Homo sapiens neural precursor cell expressed, developmentally down-regulated 9 (NEDD9), tr
"Homo sapiens nei endonuclease VIII-like 1 (E. coli) (NEIL1), mRNA."
"Homo sapiens nei like 2 (E. coli) (NEIL2), mRNA."
"Homo sapiens nei endonuclease VIII-like 3 (E. coli) (NEIL3), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 1 (NEK1), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)- related kinase 10 (NEK10), transcript variant 2,
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 2 (NEK2), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 3 (NEK3), transcript variant 2, mR
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 4 (NEK4), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)-related kinase 7 (NEK7), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)- related kinase 8 (NEK8), mRNA."
"Homo sapiens NIMA (never in mitosis gene a)- related kinase 9 (NEK9), mRNA."
"Homo sapiens nasal embryonic LHRH factor (NELF), mRNA."
"Homo sapiens NEL-like 1 (chicken) (NELL1), mRNA."
"Homo sapiens NEL-like 2 (chicken) (NELL2), mRNA."
"Homo sapiens neuron derived neurotrophic factor (NENF), mRNA."
"Homo sapiens neogenin homolog 1 (chicken) (NEO1), mRNA."
"Homo sapiens neuroepithelial cell transforming 1 (NET1), transcript variant 1, mRNA."
"Homo sapiens neuropilin (NRP) and tolloid (TLL)-like 2 (NETO2), mRNA."
"Homo sapiens sialidase 1 (lysosomal sialidase) (NEU1), mRNA."

"Homo sapiens neuralized homolog 1B (Drosophila) (NEURL1B), mRNA."
"Homo sapiens neuralized homolog 4 (Drosophila) (NEURL4), transcript variant 1, mRNA."
"Homo sapiens neurogenic differentiation 2 (NEUROD2), mRNA."
"Homo sapiens neurogenic differentiation 4 (NEUROD4), mRNA."
"Homo sapiens neurogenin 2 (NEUROG2), mRNA."
"Homo sapiens nexilin (F actin binding protein) (NEXN), mRNA."
"Homo sapiens neurofibromin 1 (NF1), transcript variant 1, mRNA."
"Homo sapiens NFAT activating protein with ITAM motif 1 (NFAM1), mRNA."
"Homo sapiens nuclear factor of activated T-cells 5, tonicity-responsive (NFAT5), transcript varia
"Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 (NFATC
"Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interact
"Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 (NFATC
"Homo sapiens nuclear factor (erythroid-derived 2)-like 1 (NFE2L1), mRNA."
"Homo sapiens nuclear factor (erythroid-derived 2)-like 2 (NFE2L2), mRNA."
"Homo sapiens nuclear factor (erythroid-derived 2)-like 3 (NFE2L3), mRNA."
"Homo sapiens nuclear factor I/A (NFIA), mRNA."
"Homo sapiens nuclear factor I/B (NFIB), mRNA."
"Homo sapiens nuclear factor, interleukin 3 regulated (NFIL3), mRNA."
"Homo sapiens nuclear factor I/X (CCAAT-binding transcription factor) (NFIX), mRNA."
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (NFKB1), m
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alph
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsi
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2
"Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta
"Homo sapiens nuclear factor related to kappaB binding protein (NFRKB), mRNA."
"Homo sapiens NFS1 nitrogen fixation 1 homolog (S. cerevisiae) (NFS1), nuclear gene encodin
"Homo sapiens NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae) (NFU1), transcript varia
"Homo sapiens nuclear transcription factor, X-box binding 1 (NFX1), transcript variant 3, mRNA.
"Homo sapiens nuclear transcription factor, X-box binding-like 1 (NFXL1), mRNA."
"Homo sapiens nuclear transcription factor Y, beta (NFYB), mRNA."
"Homo sapiens nuclear transcription factor Y, gamma (NFYC), mRNA."
"Homo sapiens neuroglobin (NGB), mRNA."
"Homo sapiens neuroguidin, EIF4E binding protein (NGDN), transcript variant 1, mRNA."
"Homo sapiens nerve growth factor receptor (TNFRSF16) associated protein 1 (NGFRAP1), tra
"Homo sapiens N-glycanase 1 (NGLY1), mRNA."
"Homo sapiens neugrin, neurite outgrowth associated (NGRN), transcript variant 1, mRNA."
"Homo sapiens Na+/H+ exchanger domain containing 1 (NHEDC1), transcript variant 1, mRNA.
"Homo sapiens Na+/H+ exchanger domain containing 2 (NHEDC2), mRNA."
"Homo sapiens NHL repeat containing 2 (NHLRC2), mRNA."
"Homo sapiens NHP2 ribonucleoprotein homolog (yeast) (NHP2), transcript variant 1, mRNA."

"Homo sapiens NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae) (NHP2L1), trans
"Homo sapiens nicolin 1 (NICN1), mRNA."
"Homo sapiens NIF3 NGG1 interacting factor 3-like 1 (S. pombe) (NIF3L1), mRNA."
"Homo sapiens ninein (GSK3B interacting protein) (NIN), transcript variant 1, mRNA."
"Homo sapiens ninjurin 1 (NINJ1), mRNA."
"Homo sapiens ninjurin 2 (NINJ2), mRNA."
"Homo sapiens NEFA-interacting nuclear protein NIP30 (NIP30), mRNA."
"Homo sapiens nuclear import 7 homolog (S. cerevisiae) (NIP7), mRNA."
"Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 1 (NIPA1), mRNA."
"Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 2 (NIPA2), transcript variant 1
"Homo sapiens NIPA-like domain containing 2 (NIPAL2), mRNA."
"Homo sapiens NIPA-like domain containing 4 (NIPAL4), mRNA."
"Homo sapiens Nipped-B homolog (Drosophila) (NIPBL), transcript variant B, mRNA."
"Homo sapiens nipsnap homolog 1 (C. elegans) (NIPSNAP1), mRNA."
"Homo sapiens nipsnap homolog 3A (C. elegans) (NIPSNAP3A), mRNA."
"Homo sapiens nipsnap homolog 3B (C. elegans) (NIPSNAP3B), mRNA."
"Homo sapiens nischarin (NISCH), mRNA."
"Homo sapiens nitrilase 1 (NIT1), mRNA."
"Homo sapiens nitrilase family, member 2 (NIT2), mRNA."
"Homo sapiens Na+/K+ transporting ATPase interacting 2 (NKAIN2), mRNA."
"Homo sapiens NF-kappaB activating protein (NKAP), mRNA."
"Homo sapiens naked cuticle homolog 2 (Drosophila) (NKD2), mRNA."
"Homo sapiens natural killer cell group 7 sequence (NKG7), mRNA."
"Homo sapiens NFKB inhibitor interacting Ras-like 1 (NKIRAS1), mRNA."
"Homo sapiens NFKB inhibitor interacting Ras-like 2 (NKIRAS2), transcript variant 1, mRNA."
"Homo sapiens natural killer-tumor recognition sequence (NKTR), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens NK2 transcription factor related, locus 6 (Drosophila) (NKX2-6), m
"Homo sapiens NK3 homeobox 1 (NKX3-1), mRNA."
"Homo sapiens notchless homolog 1 (Drosophila) (NLE1), transcript variant 1, mRNA."
"Homo sapiens neuroligin 1 (NLGN1), mRNA."
"Homo sapiens neuroligin 2 (NLGN2), mRNA."
"Homo sapiens neuroligin 4, X-linked (NLGN4X), transcript variant 1, mRNA."
"Homo sapiens nemo-like kinase (NLK), mRNA."
"Homo sapiens neurolysin (metallopeptidase M3 family) (NLN), mRNA."
"Homo sapiens NLR family, CARD domain containing 3 (NLRC3), mRNA."
"Homo sapiens NLR family, CARD domain containing 4 (NLRC4), mRNA."
"Homo sapiens NLR family, CARD domain containing 5 (NLRC5), mRNA."
"Homo sapiens NLR family, pyrin domain containing 1 (NLRP1), transcript variant 4, mRNA."
"Homo sapiens NLR family, pyrin domain containing 11 (NLRP11), mRNA."
"Homo sapiens NLR family, pyrin domain containing 14 (NLRP14), mRNA."
"Homo sapiens NLR family, pyrin domain containing 2 (NLRP2), mRNA."
"Homo sapiens NLR family, pyrin domain containing 3 (NLRP3), transcript variant 3, mRNA."
"Homo sapiens NLR family, pyrin domain containing 4 (NLRP4), mRNA."
"Homo sapiens NLR family, pyrin domain containing 5 (NLRP5), mRNA."

"Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), transcript variant 2, mRNA."
"Homo sapiens NLR family, pyrin domain containing 8 (NLRP8), mRNA."
"Homo sapiens NLR family member X1 (NLRX1), transcript variant 2, mRNA."
"Homo sapiens neuromedin B (NMB), transcript variant 1, mRNA."
"Homo sapiens NMD3 homolog (S. cerevisiae) (NMD3), mRNA."
"Homo sapiens non-metastatic cells 1, protein (NM23A) expressed in (NME1), transcript variant
"Homo sapiens NME1-NME2 readthrough (NME1-NME2), mRNA."
"Homo sapiens non-metastatic cells 2, protein (NM23B) expressed in (NME2), transcript variant
"Homo sapiens non-metastatic cells 3, protein expressed in (NME3), mRNA."
"Homo sapiens non-metastatic cells 4, protein expressed in (NME4), nuclear gene encoding mit
"Homo sapiens non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase) (N
"Homo sapiens non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase) (N
"Homo sapiens non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) (N
"Homo sapiens N-myc (and STAT) interactor (NMI), mRNA."
"Homo sapiens nicotinamide nucleotide adenylyltransferase 3 (NMNAT3), mRNA."
"Homo sapiens NmrA-like family domain containing 1 (NMRAL1), mRNA."
"Homo sapiens N-myristoyltransferase 1 (NMT1), mRNA."
"Homo sapiens N-myristoyltransferase 2 (NMT2), mRNA."
"Homo sapiens neuromedin U (NMU), mRNA."
"Homo sapiens neuronatin (NNAT), transcript variant 1, mRNA."
"Homo sapiens nicotinamide nucleotide transhydrogenase (NNT), nuclear gene encoding mitocl
"Homo sapiens NIN1/RPN12 binding protein 1 homolog (S. cerevisiae) (NOB1), mRNA."
"Homo sapiens nucleolar complex associated 2 homolog (S. cerevisiae) (NOC2L), mRNA."
"Homo sapiens nucleolar complex associated 3 homolog (S. cerevisiae) (NOC3L), mRNA."
"PREDICTED: Homo sapiens nucleolar complex associated 4 homolog (S. cerevisiae) (NOC4L)
"Homo sapiens nucleotide-binding oligomerization domain containing 1 (NOD1), mRNA."
"Homo sapiens nucleotide-binding oligomerization domain containing 2 (NOD2), mRNA."
"Homo sapiens NOD3 protein (NOD3), mRNA."
"Homo sapiens noggin (NOG), mRNA."
"Homo sapiens nucleolar protein 11 (NOL11), mRNA."
"Homo sapiens nucleolar protein 12 (NOL12), mRNA."
"Homo sapiens nucleolar protein 3 (apoptosis repressor with CARD domain) (NOL3), mRNA."
"Homo sapiens nucleolar protein 4 (NOL4), mRNA."
"Homo sapiens nucleolar protein family 6 (RNA-associated) (NOL6), transcript variant alpha, mF
"Homo sapiens nucleolar protein 7, 27kDa (NOL7), mRNA."
"Homo sapiens nucleolar protein 8 (NOL8), mRNA."
"Homo sapiens nucleolar protein 9 (NOL9), mRNA."
"Homo sapiens nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs) (NOLA1), t
"Homo sapiens nucleolar and coiled-body phosphoprotein 1 (NOLC1), mRNA."
"Homo sapiens nucleolar protein with MIF4G domain 1 (NOM1), mRNA."
"Homo sapiens NODAL modulator 1 (NOMO1), mRNA."
"Homo sapiens NODAL modulator 2 (NOMO2), transcript variant 2, mRNA."
"Homo sapiens NODAL modulator 3 (NOMO3), mRNA."
"Homo sapiens non-POU domain containing, octamer-binding (NONO), mRNA."

"Homo sapiens NOP10 ribonucleoprotein homolog (yeast) (NOP10), mRNA."
"Homo sapiens NOP14 nucleolar protein homolog (yeast) (NOP14), mRNA."
"Homo sapiens NOP16 nucleolar protein homolog (yeast) (NOP16), mRNA."
"Homo sapiens NOP2 nucleolar protein homolog (yeast) (NOP2), transcript variant 1, mRNA."
"Homo sapiens NOP56 ribonucleoprotein homolog (yeast) (NOP56), transcript variant 1, mRNA
"Homo sapiens NOP58 ribonucleoprotein homolog (yeast) (NOP58), mRNA."
"Homo sapiens nitric oxide synthase 1 (neuronal) adaptor protein (NOS1AP), mRNA."
"Homo sapiens nitric oxide synthase 3 (endothelial cell) (NOS3), mRNA."
"Homo sapiens nitric oxide synthase interacting protein (NOSIP), mRNA."
"Homo sapiens Notch homolog 1, translocation-associated (Drosophila) (NOTCH1), mRNA."
"Homo sapiens Notch homolog 2 (Drosophila) (NOTCH2), mRNA."
"Homo sapiens Notch homolog 2 (Drosophila) N-terminal like (NOTCH2NL), mRNA."
"Homo sapiens Notch homolog 3 (Drosophila) (NOTCH3), mRNA."
"Homo sapiens Notch homolog 4 (Drosophila) (NOTCH4), mRNA."
"Homo sapiens notum pectinacetylesterase homolog (Drosophila) (NOTUM), mRNA."
"Homo sapiens neuro-oncological ventral antigen 1 (NOVA1), transcript variant 1, mRNA."
"Homo sapiens NADPH oxidase activator 1 (NOXA1), mRNA."
"Homo sapiens nucleoside phosphorylase (NP), mRNA."
"Homo sapiens cytokine-like nuclear factor n-pac (N-PAC), mRNA."
"Homo sapiens NIPA-like domain containing 3 (NPAL3), mRNA."
"Homo sapiens neuronal PAS domain protein 1 (NPAS1), mRNA."
"Homo sapiens nuclear protein, ataxia-telangiectasia locus (NPAT), mRNA."
"Homo sapiens Niemann-Pick disease, type C1 (NPC1), mRNA."
"Homo sapiens NPC1 (Niemann-Pick disease, type C1, gene)-like 1 (NPC1L1), mRNA."
"Homo sapiens Niemann-Pick disease, type C2 (NPC2), mRNA."
"Homo sapiens neural proliferation, differentiation and control, 1 (NPDC1), mRNA."
"Homo sapiens aminopeptidase-like 1 (NPEPL1), mRNA."
"Homo sapiens nephronophthisis 3 (adolescent) (NPHP3), mRNA."
"Homo sapiens nephronophthisis 4 (NPHP4), mRNA."
"Homo sapiens nuclear pore complex interacting protein (NPIP), mRNA."
"Homo sapiens N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase) (NPL), mRN
"Homo sapiens nuclear protein localization 4 homolog (S. cerevisiae) (NPLOC4), mRNA."
"Homo sapiens nucleophosmin (nucleolar phosphoprotein B23, numatrin) (NPM1), transcript va
"Homo sapiens nucleophosmin/nucleoplasmin 2 (NPM2), mRNA."
"Homo sapiens nucleophosmin/nucleoplasmin, 3 (NPM3), mRNA."
"Homo sapiens natriuretic peptide precursor A (NPPA), mRNA."
"Homo sapiens natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide recep
"Homo sapiens natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide recep
"Homo sapiens neuroplastin (NPTN), transcript variant beta, mRNA."
"PREDICTED: Homo sapiens neuronal pentraxin I (NPTX1), mRNA."
"Homo sapiens neuropeptide W (NPW), mRNA."
"Homo sapiens neuropeptide Y (NPY), mRNA."
"Homo sapiens NAD(P)H dehydrogenase, quinone 1 (NQO1), transcript variant 1, mRNA."
"Homo sapiens NAD(P)H dehydrogenase, quinone 2 (NQO2), mRNA."

"PREDICTED: Homo sapiens nuclear receptor subfamily 1, group D, member 2 (NR1D2), mRN
"Homo sapiens nuclear receptor subfamily 1, group H, member 2 (NR1H2), mRNA."
"Homo sapiens nuclear receptor subfamily 1, group H, member 3 (NR1H3), mRNA."
"Homo sapiens nuclear receptor subfamily 1, group H, member 4 (NR1H4), mRNA."
"Homo sapiens nuclear receptor subfamily 2, group C, member 1 (NR2C1), transcript variant 1,
"Homo sapiens nuclear receptor subfamily 2, group C, member 2 (NR2C2), mRNA."
"Homo sapiens nuclear receptor 2C2-associated protein (NR2C2AP), mRNA."
"Homo sapiens nuclear receptor subfamily 2, group E, member 1 (NR2E1), mRNA."
"Homo sapiens nuclear receptor subfamily 2, group F, member 1 (NR2F1), mRNA."
"Homo sapiens nuclear receptor subfamily 2, group F, member 6 (NR2F6), mRNA."
"Homo sapiens nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3
"Homo sapiens nuclear receptor subfamily 3, group C, member 2 (NR3C2), mRNA."
"Homo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 2,
"Homo sapiens nuclear receptor subfamily 4, group A, member 2 (NR4A2), transcript variant 1,
"Homo sapiens nebulin-related anchoring protein (NRAP), transcript variant 1, mRNA."
"Homo sapiens Notch-regulated ankyrin repeat protein (NRARP), mRNA."
"Homo sapiens neuroblastoma RAS viral (v-ras) oncogene homolog (NRAS), mRNA."
"Homo sapiens nuclear receptor binding factor 2 (NRBF2), mRNA."
"Homo sapiens nuclear receptor binding protein 2 (NRBP2), mRNA."
"Homo sapiens neuronal cell adhesion molecule (NRCAM), transcript variant 2, mRNA."
"Homo sapiens nardilysin (N-arginine dibasic convertase) (NRD1), mRNA."
"Homo sapiens nuclear respiratory factor 1 (NRF1), transcript variant 2, mRNA."
"Homo sapiens neuregulin 3 (NRG3), mRNA."
"Homo sapiens neuregulin 4 (NRG4), mRNA."
"Homo sapiens neurogranin (protein kinase C substrate, RC3) (NRGN), mRNA."
"Homo sapiens nuclear receptor interacting protein 1 (NRIP1), mRNA."
"Homo sapiens nuclear receptor interacting protein 3 (NRIP3), mRNA."
"Homo sapiens Nik related kinase (NRK), mRNA."
"Homo sapiens nurim (nuclear envelope membrane protein) (NRM), mRNA."
"Homo sapiens neuropilin 1 (NRP1), transcript variant 1, mRNA."
"Homo sapiens neuropilin 2 (NRP2), transcript variant 6, mRNA."
"Homo sapiens neurensin 2 (NRSN2), mRNA."
"Homo sapiens neurturin (NRTN), mRNA."
"Homo sapiens neurexin 2 (NRXN2), transcript variant beta, mRNA."
"Homo sapiens neurexin 3 (NRXN3), transcript variant alpha, mRNA."
"PREDICTED: Homo sapiens misc_RNA (NS3BP), miscRNA."
"Homo sapiens NSA2 ribosome biogenesis homolog (S. cerevisiae) (NSA2), mRNA."
"Homo sapiens nucleosomal binding protein 1 (NSBP1), mRNA."
"Homo sapiens nuclear receptor binding SET domain protein 1 (NSD1), transcript variant 2, mR
"Homo sapiens NAD(P) dependent steroid dehydrogenase-like (NSDHL), mRNA."
"PREDICTED: Homo sapiens N-ethylmaleimide-sensitive factor (NSF), mRNA."
"Homo sapiens NSFL1 (p97) cofactor (p47) (NSFL1C), transcript variant 3, mRNA."
"Homo sapiens NSL1, MIND kinetochore complex component, homolog (S. cerevisiae) (NSL1),
"Homo sapiens neutral sphingomyelinase (N-SMase) activation associated factor (NSMAF), mR

"Homo sapiens non-SMC element 1 homolog (S. cerevisiae) (NSMCE1), mRNA."
"Homo sapiens non-SMC element 2, MMS21 homolog (S. cerevisiae) (NSMCE2), mRNA."
"Homo sapiens non-SMC element 4 homolog A (S. cerevisiae) (NSMCE4A), mRNA."
"Homo sapiens NOP2/Sun domain family, member 2 (NSUN2), mRNA."
"Homo sapiens NOP2/Sun domain family, member 3 (NSUN3), mRNA."
"Homo sapiens NOP2/Sun domain family, member 4 (NSUN4), mRNA."
"Homo sapiens NOL1/NOP2/Sun domain family, member 5 (NSUN5), transcript variant 1, mRN
"Homo sapiens NOP2/Sun domain family, member 5B (NSUN5B), transcript variant 1, mRNA."
"Homo sapiens NOP2/Sun domain family, member 5C (NSUN5C), transcript variant 1, mRNA."
"Homo sapiens NOL1/NOP2/Sun domain family, member 6 (NSUN6), mRNA."
"Homo sapiens 5', 3'-nucleotidase, cytosolic (NT5C), mRNA."
"Homo sapiens 5'-nucleotidase, cytosolic II (NT5C2), mRNA."
"Homo sapiens 5'-nucleotidase, cytosolic III (NT5C3), transcript variant 1, mRNA."
"Homo sapiens 5'-nucleotidase, cytosolic III-like (NT5C3L), mRNA."
"Homo sapiens 5'-nucleotidase domain containing 1 (NT5DC1), mRNA."
"Homo sapiens 5'-nucleotidase domain containing 2 (NT5DC2), mRNA."
"Homo sapiens 5'-nucleotidase domain containing 3 (NT5DC3), transcript variant 2, mRNA."
"Homo sapiens 5',3'-nucleotidase, mitochondrial (NT5M), nuclear gene encoding mitochondrial
"Homo sapiens N-terminal asparagine amidase (NTAN1), mRNA."
"Homo sapiens neurotrophin 3 (NTF3), mRNA."
"Homo sapiens nth endonuclease III-like 1 (E. coli) (NTHL1), mRNA."
"Homo sapiens netrin 4 (NTN4), mRNA."
"Homo sapiens netrin 5 (NTN5), mRNA."
"Homo sapiens netrin G1 (NTNG1), transcript variant 3, mRNA."
"Homo sapiens netrin G2 (NTNG2), mRNA."
"Homo sapiens NUAK family, SNF1-like kinase, 1 (NUAK1), mRNA."
"Homo sapiens NUAK family, SNF1-like kinase, 2 (NUAK2), mRNA."
"Homo sapiens negative regulator of ubiquitin-like proteins 1 (NUB1), mRNA."
"Homo sapiens nucleotide binding protein 1 (MinD homolog, E. coli) (NUBP1), mRNA."
"Homo sapiens nucleotide binding protein 2 (MinD homolog, E. coli) (NUBP2), mRNA."
"Homo sapiens nucleotide binding protein-like (NUBPL), mRNA."
"Homo sapiens nucleobindin 1 (NUCB1), mRNA."
"Homo sapiens nucleobindin 2 (NUCB2), mRNA."
"Homo sapiens nuclear casein kinase and cyclin-dependent kinase substrate 1 (NUCKS1), mR
"Homo sapiens nuclear distribution gene C homolog (A. nidulans) (NUDC), mRNA."
"Homo sapiens NudC domain containing 1 (NUDCD1), mRNA."
"Homo sapiens NudC domain containing 2 (NUDCD2), mRNA."
"Homo sapiens NudC domain containing 3 (NUDCD3), mRNA."
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1 (NUDT1), transcript
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 11 (NUDT11), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 14 (NUDT14), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 15 (NUDT15), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 16 (NUDT16), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1 (NUDT16L1

"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 17 (NUDT17), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 18 (NUDT18), mRNA
"PREDICTED: Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 19 (NU
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 2 (NUDT2), transcript
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 21 (NUDT21), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 22 (NUDT22), mRNA
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 3 (NUDT3), mRNA."
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 5 (NUDT5), mRNA."
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 6 (NUDT6), transcript
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 7 (NUDT7), transcript
"Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 8 (NUDT8), mRNA."
"Homo sapiens NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae) (NUF2
"Homo sapiens nuclear fragile X mental retardation protein interacting protein 1 (NUFIP1), mRN
"Homo sapiens nuclear fragile X mental retardation protein interacting protein 2 (NUFIP2), mRN
"Homo sapiens nuclear mitotic apparatus protein 1 (NUMA1), mRNA."
"Homo sapiens numb homolog (Drosophila) (NUMB), transcript variant 3, mRNA."
"Homo sapiens numb homolog (Drosophila)-like (NUMBL), mRNA."
"Homo sapiens nucleoporin 107kDa (NUP107), mRNA."
"Homo sapiens nucleoporin 133kDa (NUP133), mRNA."
"Homo sapiens nucleoporin 153kDa (NUP153), mRNA."
"Homo sapiens nucleoporin 155kDa (NUP155), transcript variant 1, mRNA."
"Homo sapiens nucleoporin 160kDa (NUP160), mRNA."
"Homo sapiens nucleoporin 188kDa (NUP188), mRNA."
"Homo sapiens nucleoporin 205kDa (NUP205), mRNA."
"Homo sapiens nucleoporin 210kDa (NUP210), mRNA."
"Homo sapiens nucleoporin 214kDa (NUP214), mRNA."
"Homo sapiens nucleoporin 35kDa (NUP35), mRNA."
"Homo sapiens nucleoporin 37kDa (NUP37), mRNA."
"Homo sapiens nucleoporin 43kDa (NUP43), transcript variant 1, mRNA."
"Homo sapiens nucleoporin 50kDa (NUP50), transcript variant 2, mRNA."
"Homo sapiens nucleoporin 54kDa (NUP54), mRNA."
"Homo sapiens nucleoporin 62kDa (NUP62), transcript variant 2, mRNA."
"Homo sapiens nucleoporin 62kDa C-terminal like (NUP62CL), mRNA."
"Homo sapiens nucleoporin 85kDa (NUP85), mRNA."
"Homo sapiens nucleoporin 88kDa (NUP88), mRNA."
"Homo sapiens nucleoporin 93kDa (NUP93), mRNA."
"Homo sapiens nucleoporin 98kDa (NUP98), transcript variant 1, mRNA."
"Homo sapiens nucleoporin like 1 (NUPL1), transcript variant 1, mRNA."
"Homo sapiens nucleoporin like 2 (NUPL2), mRNA."
"Homo sapiens nuclear protein, transcriptional regulator, 1 (NUPR1), transcript variant 1, mRNA
"Homo sapiens nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) (NUS1
"Homo sapiens nucleolar and spindle associated protein 1 (NUSAP1), transcript variant 2, mRN
"Homo sapiens nuclear transport factor 2 (NUTF2), mRNA."
"Homo sapiens nuclear VCP-like (NVL), transcript variant 1, mRNA."

"Homo sapiens nuclear RNA export factor 1 (NXF1), transcript variant 1, mRNA."
"Homo sapiens nuclear RNA export factor 2B (NXF2B), mRNA."
"Homo sapiens nuclear RNA export factor 4 pseudogene (NXF4), non-coding RNA."
"Homo sapiens nuclear RNA export factor 5 (NXF5), mRNA."
"Homo sapiens nucleoredoxin (NXN), mRNA."
"Homo sapiens neurexophilin 4 (NXPH4), mRNA."
"Homo sapiens NTF2-like export factor 1 (NXT1), mRNA."
"Homo sapiens nuclear transport factor 2-like export factor 2 (NXT2), mRNA."
"Homo sapiens NYN domain and retroviral integrase containing (NYNRIN), mRNA."
"Homo sapiens nyctalopin (NYX), mRNA."
"Homo sapiens OAF homolog (Drosophila) (OAF), mRNA."
"Homo sapiens 2',5'-oligoadenylate synthetase 1, 40/46kDa (OAS1), transcript variant 2, mRNA
"Homo sapiens 2'-5'-oligoadenylate synthetase 2, 69/71kDa (OAS2), transcript variant 2, mRNA
"Homo sapiens 2'-5'-oligoadenylate synthetase 3, 100kDa (OAS3), mRNA."
"Homo sapiens 2'-5'-oligoadenylate synthetase-like (OASL), transcript variant 1, mRNA."
"Homo sapiens ornithine aminotransferase (gyrate atrophy) (OAT), nuclear gene encoding mitoc
"Homo sapiens ornithine decarboxylase antizyme 1 (OAZ1), mRNA."
"Homo sapiens ornithine decarboxylase antizyme 2 (OAZ2), mRNA."
"Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 1 (OBFC1), mRNA."
"Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 2A (OBFC2A), mRNA."
"Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 2B (OBFC2B), mRNA."
"Homo sapiens obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF (OBSCN), transc
"Homo sapiens oculocutaneous albinism II (pink-eye dilution homolog, mouse) (OCA2), mRNA."
"Homo sapiens occludin/ELL domain containing 1 (OCEL1), mRNA."
"Homo sapiens OCIA domain containing 1 (OCIAD1), mRNA."
"Homo sapiens OCIA domain containing 2 (OCIAD2), transcript variant 2, mRNA."
"Homo sapiens oculocerebrorenal syndrome of Lowe (OCRL), transcript variant b, mRNA."
"Homo sapiens ornithine decarboxylase 1 (ODC1), mRNA."
"Homo sapiens outer dense fiber of sperm tails 1 (ODF1), mRNA."
"Homo sapiens outer dense fiber of sperm tails 2 (ODF2), transcript variant 2, mRNA."
"Homo sapiens outer dense fiber of sperm tails 2-like (ODF2L), transcript variant 1, mRNA."
"Homo sapiens outer dense fiber of sperm tails 3-like 2 (ODF3L2), mRNA."
"Homo sapiens odz, odd Oz/ten-m homolog 3 (Drosophila) (ODZ3), mRNA."
"Homo sapiens oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) (OGDH), nuclear
"Homo sapiens oxoglutarate dehydrogenase-like (OGDHL), mRNA."
"Homo sapiens 2-oxoglutarate and iron-dependent oxygenase domain containing 1 (OGFOD1),
"Homo sapiens 2-oxoglutarate and iron-dependent oxygenase domain containing 2 (OGFOD2),
"Homo sapiens opioid growth factor receptor (OGFR), mRNA."
"Homo sapiens opioid growth factor receptor-like 1 (OGFRL1), mRNA."
"Homo sapiens 8-oxoguanine DNA glycosylase (OGG1), nuclear gene encoding mitochondrial p
"Homo sapiens O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine
"Homo sapiens Opa interacting protein 5 (OIP5), mRNA."
"Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 1, mRNA."
"Homo sapiens olfactomedin-like 2A (OLFML2A), mRNA."

"Homo sapiens oligodendrocyte lineage transcription factor 2 (OLIG2), mRNA."
"Homo sapiens oxidized low density lipoprotein (lectin-like) receptor 1 (OLR1), mRNA."
"Homo sapiens OMA1 homolog, zinc metallopeptidase (S. cerevisiae) (OMA1), mRNA."
"Homo sapiens osteomodulin (OMD), mRNA."
"Homo sapiens one cut homeobox 2 (ONECUT2), mRNA."
"Homo sapiens one cut homeobox 3 (ONECUT3), mRNA."
"Homo sapiens oocyte expressed protein homolog (dog) (OOEP), mRNA."
"Homo sapiens optic atrophy 1 (autosomal dominant) (OPA1), nuclear gene encoding mitochon
"Homo sapiens optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia) (OPA
"Homo sapiens 5-oxoprolinase (ATP-hydrolysing) (OPLAH), mRNA."
"Homo sapiens opsin 1 (cone pigments), long-wave-sensitive (color blindness, protan) (OPN1LV
"Homo sapiens opsin 1 (cone pigments), medium-wave-sensitive 2 (OPN1MW2), mRNA."
"Homo sapiens opsin 3 (encephalopsin, panopsin) (OPN3), transcript variant 2, mRNA."
"Homo sapiens opsin 4 (OPN4), transcript variant 2, mRNA."
"Homo sapiens opsin 5 (OPN5), transcript variant 1, mRNA."
"Homo sapiens opiate receptor-like 1 (OPRL1), transcript variant 2, mRNA."
"Homo sapiens opioid receptor, sigma 1 (OPRS1), transcript variant 5, mRNA."
"Homo sapiens optineurin (OPTN), transcript variant 4, mRNA."
"Homo sapiens olfactory receptor, family 10, subfamily A, member 7 (OR10A7), mRNA."
"Homo sapiens olfactory receptor, family 10, subfamily H, member 1 (OR10H1), mRNA."
"Homo sapiens olfactory receptor, family 10, subfamily H, member 2 (OR10H2), mRNA."
"Homo sapiens olfactory receptor, family 10, subfamily J, member 3 (OR10J3), mRNA."
"Homo sapiens olfactory receptor, family 13, subfamily A, member 1 (OR13A1), mRNA."
"Homo sapiens olfactory receptor, family 14, subfamily C, member 36 (OR14C36), mRNA."
"Homo sapiens olfactory receptor, family 14, subfamily I, member 1 (OR14I1), mRNA."
"Homo sapiens olfactory receptor, family 1, subfamily D, member 4 (OR1D4), mRNA."
"Homo sapiens olfactory receptor, family 1, subfamily L, member 8 (OR1L8), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily A, member 2 (OR2A2), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily AG, member 2 (OR2AG2), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily AK, member 2 (OR2AK2), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily G, member 3 (OR2G3), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily H, member 2 (OR2H2), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily L, member 2 (OR2L2), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily S, member 2 (OR2S2), mRNA."
"PREDICTED: Homo sapiens olfactory receptor, family 2, subfamily T, member 2 (OR2T2), mRI
"Homo sapiens olfactory receptor, family 2, subfamily W, member 1 (OR2W1), mRNA."
"Homo sapiens olfactory receptor, family 2, subfamily W, member 5 (OR2W5), mRNA."
"Homo sapiens olfactory receptor, family 3, subfamily A, member 1 (OR3A1), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily A, member 16 (OR4A16), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily C, member 16 (OR4C16), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily D, member 1 (OR4D1), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily D, member 6 (OR4D6), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily K, member 13 (OR4K13), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily L, member 1 (OR4L1), mRNA."

"Homo sapiens olfactory receptor, family 4, subfamily N, member 4 (OR4N4), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily S, member 1 (OR4S1), mRNA."
"Homo sapiens olfactory receptor, family 4, subfamily X, member 1 (OR4X1), mRNA."
"Homo sapiens olfactory receptor, family 51, subfamily E, member 2 (OR51E2), mRNA."
"Homo sapiens olfactory receptor, family 51, subfamily G, member 1 (OR51G1), mRNA."
"Homo sapiens olfactory receptor, family 51, subfamily I, member 2 (OR51I2), mRNA."
"Homo sapiens olfactory receptor, family 51, subfamily T, member 1 (OR51T1), mRNA."
"Homo sapiens olfactory receptor, family 52, subfamily J, member 3 (OR52J3), mRNA."
"Homo sapiens olfactory receptor, family 52, subfamily K, member 2 (OR52K2), mRNA."
"Homo sapiens olfactory receptor, family 5, subfamily A, member 1 (OR5A1), mRNA."
"Homo sapiens olfactory receptor, family 5, subfamily AP, member 2 (OR5AP2), mRNA."
"Homo sapiens olfactory receptor, family 5, subfamily F, member 1 (OR5F1), mRNA."
"Homo sapiens olfactory receptor, family 5, subfamily P, member 2 (OR5P2), mRNA."
"Homo sapiens olfactory receptor, family 6, subfamily C, member 70 (OR6C70), mRNA."
"Homo sapiens olfactory receptor, family 6, subfamily C, member 75 (OR6C75), mRNA."
"Homo sapiens olfactory receptor, family 6, subfamily M, member 1 (OR6M1), mRNA."
"Homo sapiens olfactory receptor, family 7, subfamily A, member 10 (OR7A10), mRNA."
"Homo sapiens olfactory receptor, family 7, subfamily E, member 156 pseudogene (OR7E156P)
"Homo sapiens olfactory receptor, family 7, subfamily E, member 24 (OR7E24), mRNA."
"Homo sapiens olfactory receptor, family 7, subfamily E, member 37 pseudogene (OR7E37P), r
"Homo sapiens olfactory receptor, family 7, subfamily G, member 2 (OR7G2), mRNA."
"Homo sapiens olfactory receptor, family 8, subfamily K, member 5 (OR8K5), mRNA."
"Homo sapiens olfactory receptor, family 9, subfamily A, member 4 (OR9A4), mRNA."
"Homo sapiens olfactory receptor, family 9, subfamily I, member 1 (OR9I1), mRNA."
"Homo sapiens olfactory receptor, family 9, subfamily Q, member 2 (OR9Q2), mRNA."
"Homo sapiens ORAI calcium release-activated calcium modulator 1 (ORAI1), mRNA."
"Homo sapiens ORAI calcium release-activated calcium modulator 2 (ORAI2), mRNA."
"Homo sapiens ORAI calcium release-activated calcium modulator 3 (ORAI3), mRNA."
"Homo sapiens oral cancer overexpressed 1 (ORAOV1), mRNA."
"Homo sapiens origin recognition complex, subunit 1-like (yeast) (ORC1L), mRNA."
"Homo sapiens origin recognition complex, subunit 2-like (yeast) (ORC2L), mRNA."
"Homo sapiens origin recognition complex, subunit 3-like (yeast) (ORC3L), transcript variant 1, r
"Homo sapiens origin recognition complex, subunit 4-like (yeast) (ORC4L), transcript variant 3, r
"Homo sapiens origin recognition complex, subunit 5-like (yeast) (ORC5L), transcript variant 2, r
"Homo sapiens origin recognition complex, subunit 6 like (yeast) (ORC6L), mRNA."
"Homo sapiens ORM1-like 1 (S. cerevisiae) (ORMDL1), mRNA."
"Homo sapiens ORM1-like 2 (S. cerevisiae) (ORMDL2), mRNA."
"Homo sapiens ORM1-like 3 (S. cerevisiae) (ORMDL3), mRNA."
"Homo sapiens amplified in osteosarcoma (OS9), transcript variant 1, mRNA."
"Homo sapiens ovary-specific acidic protein (OSAP), mRNA."
"Homo sapiens oxysterol binding protein (OSBP), mRNA."
"Homo sapiens oxysterol binding protein 2 (OSBP2), transcript variant 1, mRNA."
"Homo sapiens oxysterol binding protein-like 10 (OSBPL10), mRNA."
"Homo sapiens oxysterol binding protein-like 11 (OSBPL11), mRNA."

"Homo sapiens oxysterol binding protein-like 1A (OSBPL1A), transcript variant OSBPL1A, mRN
"Homo sapiens oxysterol binding protein-like 2 (OSBPL2), transcript variant 2, mRNA."
"Homo sapiens oxysterol binding protein-like 3 (OSBPL3), transcript variant 4, mRNA."
"Homo sapiens oxysterol binding protein-like 5 (OSBPL5), transcript variant 2, mRNA."
"Homo sapiens oxysterol binding protein-like 6 (OSBPL6), transcript variant 1, mRNA."
"Homo sapiens oxysterol binding protein-like 7 (OSBPL7), transcript variant 1, mRNA."
"Homo sapiens oxysterol binding protein-like 8 (OSBPL8), transcript variant 1, mRNA."
"Homo sapiens oxysterol binding protein-like 9 (OSBPL9), transcript variant 7, mRNA."
"Homo sapiens osteoclast associated, immunoglobulin-like receptor (OSCAR), transcript variant
"Homo sapiens organic solute carrier partner 1 (OSCP1), transcript variant 2, mRNA."
"Homo sapiens O-sialoglycoprotein endopeptidase (OSGEP), mRNA."
"Homo sapiens O-sialoglycoprotein endopeptidase-like 1 (OSGEPL1), mRNA."
"Homo sapiens oxidative stress induced growth inhibitor family member 2 (OSGIN2), mRNA."
"Homo sapiens oncostatin M (OSM), mRNA."
"Homo sapiens odd-skipped related 1 (Drosophila) (OSR1), mRNA."
"PREDICTED: Homo sapiens odd-skipped related 2 (Drosophila) (OSR2), mRNA."
"Homo sapiens organic solute transporter alpha (OSTalpha), mRNA."
"Homo sapiens oligosaccharyltransferase complex subunit (OSTC), mRNA."
"Homo sapiens osteoclast stimulating factor 1 (OSTF1), mRNA."
"Homo sapiens osteopetrosis associated transmembrane protein 1 (OSTM1), mRNA."
"PREDICTED: Homo sapiens otogelin (OTOG), mRNA."
"Homo sapiens orthopedia homeobox (OTP), mRNA."
"Homo sapiens OTU domain, ubiquitin aldehyde binding 1 (OTUB1), mRNA."
"PREDICTED: Homo sapiens OTU domain containing 1 (OTUD1), mRNA."
"Homo sapiens OTU domain containing 4 (OTUD4), transcript variant 1, mRNA."
"Homo sapiens OTU domain containing 5 (OTUD5), mRNA."
"Homo sapiens OTU domain containing 6B (OTUD6B), mRNA."
"Homo sapiens OTU domain containing 7A (OTUD7A), mRNA."
"Homo sapiens orthodenticle homeobox 1 (OTX1), mRNA."
"Homo sapiens oviductal glycoprotein 1, 120kDa (OVGP1), mRNA."
"Homo sapiens ovo-like 2 (Drosophila) (OVOL2), mRNA."
"PREDICTED: Homo sapiens ovostatin 2 (OVOS2), mRNA."
"Homo sapiens oxidase (cytochrome c) assembly 1-like (OXA1L), mRNA."
"Homo sapiens 3-oxoacid CoA transferase 1 (OXCT1), nuclear gene encoding mitochondrial pro
"Homo sapiens 3-oxoacid CoA transferase 2 (OXCT2), mRNA."
"Homo sapiens oxidoreductase NAD-binding domain containing 1 (OXNAD1), mRNA."
"Homo sapiens oxidation resistance 1 (OXR1), mRNA."
"Homo sapiens 3-oxoacyl-ACP synthase, mitochondrial (OXSM), nuclear gene encoding mitoch
"Homo sapiens oxidative-stress responsive 1 (OXSR1), mRNA."
"Homo sapiens oxytocin receptor (OXTR), mRNA."
"Homo sapiens hypothetical protein FLJ10656 (P15RS), mRNA."
"Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 1 (P2RX1), mRNA."
"Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 4 (P2RX4), mRNA."
"Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 5 (P2RX5), transcript variant

"Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 6 pseudogene (P2RX6P), no
"Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 7 (P2RX7), mRNA."
"Homo sapiens purinergic receptor P2Y, G-protein coupled, 10 (P2RY10), transcript variant 2, m
"Homo sapiens purinergic receptor P2Y, G-protein coupled, 11 (P2RY11), mRNA."
"Homo sapiens purinergic receptor P2Y, G-protein coupled, 12 (P2RY12), transcript variant 1, m
"Homo sapiens purinergic receptor P2Y, G-protein coupled, 8 (P2RY8), mRNA."
"Homo sapiens procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha
"Homo sapiens prolyl 4-hydroxylase, alpha polypeptide II (P4HA2), transcript variant 3, mRNA."
"Homo sapiens prolyl 4-hydroxylase, beta polypeptide (P4HB), mRNA."
"Homo sapiens prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum) (P4HTM), transcr
"PREDICTED: Homo sapiens prostate-specific P704P (P704P), mRNA."
"Homo sapiens mannose-6-phosphate protein p76 (P76), mRNA."
"Homo sapiens proliferation-associated 2G4, 38kDa (PA2G4), mRNA."
"Homo sapiens proteasomal ATPase-associated factor 1 (PAAF1), mRNA."
"Homo sapiens poly(A) binding protein, cytoplasmic 1 (PABPC1), mRNA."
"PREDICTED: Homo sapiens poly(A) binding protein, cytoplasmic 1-like (PABPC1L), mRNA."
"Homo sapiens poly(A) binding protein, cytoplasmic 4 (inducible form) (PABPC4), mRNA."
"Homo sapiens poly(A) binding protein, nuclear 1 (PABPN1), mRNA."
"Homo sapiens proapoptotic caspase adaptor protein (PACAP), mRNA."
"Homo sapiens phosphofurin acidic cluster sorting protein 1 (PACS1), mRNA."
"Homo sapiens phosphofurin acidic cluster sorting protein 2 (PACS2), mRNA."
"Homo sapiens protein kinase C and casein kinase substrate in neurons 1 (PACSIN1), mRNA."
"Homo sapiens protein kinase C and casein kinase substrate in neurons 2 (PACSIN2), mRNA."
"Homo sapiens protein kinase C and casein kinase substrate in neurons 3 (PACSIN3), mRNA."
"Homo sapiens peptidyl arginine deiminase, type III (PADI3), mRNA."
"Homo sapiens Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae) (PAF1), mR
"Homo sapiens platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa (PAF
"Homo sapiens platelet-activating factor acetylhydrolase, isoform Ib, subunit 2 (30kDa) (PAFAH
"Homo sapiens platelet-activating factor acetylhydrolase 2, 40kDa (PAFAH2), mRNA."
"Homo sapiens phosphoprotein associated with glycosphingolipid microdomains 1 (PAG1), mRN
"Homo sapiens P antigen family, member 4 (prostate associated) (PAGE4), mRNA."
"Homo sapiens phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole suc
"Homo sapiens poly(A) binding protein interacting protein 1 (PAIP1), transcript variant 2, mRNA.
"Homo sapiens poly(A) binding protein interacting protein 2 (PAIP2), transcript variant 1, mRNA.
"Homo sapiens p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast) (PAK1), mRNA."
"Homo sapiens PAK1 interacting protein 1 (PAK1IP1), mRNA."
"Homo sapiens p21 (CDKN1A)-activated kinase 2 (PAK2), mRNA."
"Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 4 (PAK4), transcript variant 1, mRNA.
"Homo sapiens p21(CDKN1A)-activated kinase 6 (PAK6), mRNA."
"Homo sapiens partner and localizer of BRCA2 (PALB2), mRNA."
"Homo sapiens palladin, cytoskeletal associated protein (PALLD), transcript variant 2, mRNA."
"Homo sapiens paralemmin (PALM), transcript variant 1, mRNA."
"Homo sapiens peptidylglycine alpha-amidating monooxygenase (PAM), transcript variant 3, mR
"Homo sapiens PAN2 polyA specific ribonuclease subunit homolog (S. cerevisiae) (PAN2), mRN

"Homo sapiens PAN3 polyA specific ribonuclease subunit homolog (S. cerevisiae) (PAN3), mRN
"Homo sapiens pantothenate kinase 1 (PANK1), transcript variant alpha, mRNA."
"Homo sapiens pantothenate kinase 2 (Hallervorden-Spatz syndrome) (PANK2), transcript varia
"Homo sapiens pantothenate kinase 3 (PANK3), mRNA."
"Homo sapiens pantothenate kinase 4 (PANK4), mRNA."
"Homo sapiens pannexin 1 (PANX1), mRNA."
"Homo sapiens pannexin 2 (PANX2), mRNA."
"Homo sapiens polyamine oxidase (exo-N4-amino) (PAOX), transcript variant 5, mRNA."
"Homo sapiens PAP associated domain containing 1 (PAPD1), mRNA."
"Homo sapiens PAP associated domain containing 4 (PAPD4), mRNA."
"Homo sapiens PAP associated domain containing 5 (PAPD5), transcript variant 2, mRNA."
"Homo sapiens papilin, proteoglycan-like sulfated glycoprotein (PAPLN), mRNA."
"Homo sapiens poly(A) polymerase alpha (PAPOLA), mRNA."
"Homo sapiens poly(A) polymerase gamma (PAPOLG), mRNA."
"Homo sapiens 3'-phosphoadenosine 5'-phosphosulfate synthase 1 (PAPSS1), mRNA."
"Homo sapiens 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (PAPSS2), transcript varian
"Homo sapiens progestin and adipoQ receptor family member III (PAQR3), mRNA."
"Homo sapiens progestin and adipoQ receptor family member IV (PAQR4), mRNA."
"Homo sapiens progestin and adipoQ receptor family member VII (PAQR7), mRNA."
"Homo sapiens progestin and adipoQ receptor family member VIII (PAQR8), mRNA."
"Homo sapiens progestin and adipoQ receptor family member IX (PAQR9), mRNA."
"Homo sapiens par-3 partitioning defective 3 homolog (C. elegans) (PARD3), mRNA."
"Homo sapiens par-6 partitioning defective 6 homolog alpha (C. elegans) (PARD6A), transcript v
"Homo sapiens poly (ADP-ribose) glycohydrolase (PARG), mRNA."
"Homo sapiens Parkinson disease (autosomal recessive, early onset) 7 (PARK7), mRNA."
"Homo sapiens presenilin associated, rhomboid-like (PARL), nuclear gene encoding mitochondr
"Homo sapiens prostate androgen-regulated mucin-like protein 1 (PARM1), mRNA."
"Homo sapiens poly(A)-specific ribonuclease (deadenylation nuclease) (PARN), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 1 (PARP1), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 10 (PARP10), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 11 (PARP11), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 12 (PARP12), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 14 (PARP14), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 15 (PARP15), transcript variant 2
"Homo sapiens poly (ADP-ribose) polymerase family, member 16 (PARP16), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase 2 (PARP2), transcript variant 2, mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 3 (PARP3), transcript variant 1, n
"Homo sapiens poly (ADP-ribose) polymerase family, member 4 (PARP4), mRNA."
"Homo sapiens poly (ADP-ribose) polymerase family, member 6 (PARP6), transcript variant 2, n
"PREDICTED: Homo sapiens poly (ADP-ribose) polymerase family, member 8, transcript varian
"Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), mRNA."
"Homo sapiens prolyl-tRNA synthetase 2, mitochondrial (putative) (PARS2), nuclear gene encoc
"PREDICTED: Homo sapiens prostate androgen-regulated transcript 1 (PART1), misc RNA."
"Homo sapiens parvin, beta (PARVB), transcript variant 1, mRNA."

"Homo sapiens parvin, gamma (PARVG), mRNA."
"Homo sapiens PAS domain containing serine/threonine kinase (PASK), mRNA."
"Homo sapiens prostate and testis expressed 2 (PATE2), mRNA."
"Homo sapiens prostate and testis expressed 3 (PATE3), mRNA."
"Homo sapiens protein associated with topoisomerase II homolog 1 (yeast) (PATL1), mRNA."
"PREDICTED: Homo sapiens misc_RNA (PATL2), miscRNA."
"Homo sapiens POZ (BTB) and AT hook containing zinc finger 1 (PATZ1), transcript variant 1, n
"Homo sapiens PRKC, apoptosis, WT1, regulator (PAWR), mRNA."
"Homo sapiens paired box 6 (PAX6), transcript variant 1, mRNA."
"Homo sapiens PAX interacting (with transcription-activation domain) protein 1 (PAXIP1), mRNA
"Homo sapiens PDZ binding kinase (PBK), mRNA."
"Homo sapiens polybromo 1 (PBRM1), transcript variant 4, mRNA."
"Homo sapiens pre-B-cell leukemia homeobox 2 (PBX2), mRNA."
"Homo sapiens pre-B-cell leukemia homeobox 3 (PBX3), mRNA."
"Homo sapiens pre-B-cell leukemia homeobox 4 (PBX4), mRNA."
"Homo sapiens pre-B-cell leukemia homeobox interacting protein 1 (PBXIP1), mRNA."
"Homo sapiens pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nu
"Homo sapiens pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nu
"Homo sapiens poly(rC) binding protein 1 (PCBP1), mRNA."
"Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript variant 6, mRNA."
"Homo sapiens poly(rC) binding protein 4 (PCBP4), transcript variant 2, mRNA."
"Homo sapiens propionyl Coenzyme A carboxylase, alpha polypeptide (PCCA), nuclear gene er
"Homo sapiens propionyl Coenzyme A carboxylase, beta polypeptide (PCCB), nuclear gene enc
"Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant b, mRNA."
"Homo sapiens protocadherin 21 (PCDH21), mRNA."
"Homo sapiens protocadherin 24 (PCDH24), mRNA."
"Homo sapiens protocadherin 9 (PCDH9), transcript variant 1, mRNA."
"Homo sapiens protocadherin alpha 11 (PCDHA11), transcript variant 2, mRNA."
"Homo sapiens protocadherin alpha 9 (PCDHA9), transcript variant 2, mRNA."
"Homo sapiens protocadherin beta 17 pseudogene (PCDHB17), non-coding RNA."
"Homo sapiens protocadherin beta 18 pseudogene (PCDHB18), non-coding RNA."
"Homo sapiens protocadherin beta 19 pseudogene (PCDHB19P), non-coding RNA."
"Homo sapiens protocadherin beta 3 (PCDHB3), mRNA."
"Homo sapiens protocadherin beta 9 (PCDHB9), mRNA."
"Homo sapiens protocadherin gamma subfamily A, 12 (PCDHGA12), transcript variant 1, mRNA
"Homo sapiens protocadherin gamma subfamily A, 5 (PCDHGA5), transcript variant 2, mRNA."
"Homo sapiens protocadherin gamma subfamily A, 8 (PCDHGA8), transcript variant 1, mRNA."
"Homo sapiens protocadherin gamma subfamily A, 9 (PCDHGA9), transcript variant 1, mRNA."
"Homo sapiens protocadherin gamma subfamily B, 5 (PCDHGB5), transcript variant 1, mRNA."
"Homo sapiens protocadherin gamma subfamily C, 3 (PCDHGC3), transcript variant 1, mRNA."
"Homo sapiens protocadherin gamma subfamily C, 4 (PCDHGC4), transcript variant 2, mRNA."
"Homo sapiens primary ciliary dyskinesia protein 1 (PCDP1), mRNA."
"Homo sapiens PCF11, cleavage and polyadenylation factor subunit, homolog (S. cerevisiae) (F
"Homo sapiens polycomb group ring finger 1 (PCGF1), mRNA."

"Homo sapiens polycomb group ring finger 2 (PCGF2), mRNA."
"Homo sapiens polycomb group ring finger 5 (PCGF5), mRNA."
"Homo sapiens polycomb group ring finger 6 (PCGF6), transcript variant 1, mRNA."
"Homo sapiens PCI domain containing 2 (PCID2), mRNA."
"Homo sapiens PDX1 C-terminal inhibiting factor 1 (PCIF1), mRNA."
"Homo sapiens phosphoenolpyruvate carboxykinase 2 (mitochondrial) (PCK2), nuclear gene en
"Homo sapiens piccolo (presynaptic cytomatrix protein) (PCLO), transcript variant 1, mRNA."
"Homo sapiens pericentriolar material 1 (PCM1), mRNA."
"Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1), mRNA."
"Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1 (I
"Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2 (I
"Homo sapiens proliferating cell nuclear antigen (PCNA), transcript variant 1, mRNA."
"Homo sapiens PEST proteolytic signal containing nuclear protein (PCNP), mRNA."
"Homo sapiens pericentrin (PCNT), mRNA."
"Homo sapiens pecanex homolog (Drosophila) (PCNX), mRNA."
"Homo sapiens pecanex-like 2 (Drosophila) (PCNXL2), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens pecanex-like 3 (Drosophila), transcript variant 1 (PCNXL3), mRNA
"Homo sapiens procollagen C-endopeptidase enhancer (PCOLCE), mRNA."
"Homo sapiens procollagen C-endopeptidase enhancer 2 (PCOLCE2), mRNA."
"PREDICTED: Homo sapiens Purkinje cell protein 4 like 1 (PCP4L1), mRNA."
"Homo sapiens proprotein convertase subtilisin/kexin type 1 inhibitor (PCSK1N), mRNA."
"Homo sapiens proprotein convertase subtilisin/kexin type 4 (PCSK4), mRNA."
"Homo sapiens proprotein convertase subtilisin/kexin type 7 (PCSK7), mRNA."
"Homo sapiens PCTAIRE protein kinase 1 (PCTK1), transcript variant 1, mRNA."
"Homo sapiens PCTAIRE protein kinase 2 (PCTK2), mRNA."
"Homo sapiens PCTAIRE protein kinase 3 (PCTK3), transcript variant 1, mRNA."
"Homo sapiens phosphatidylcholine transfer protein (PCTP), mRNA."
"Homo sapiens prenylcysteine oxidase 1 (PCYOX1), mRNA."
"Homo sapiens prenylcysteine oxidase 1 like (PCYOX1L), mRNA."
"Homo sapiens phosphate cytidylyltransferase 1, choline, alpha (PCYT1A), mRNA."
"Homo sapiens phosphate cytidylyltransferase 2, ethanolamine (PCYT2), mRNA."
"Homo sapiens PDGFA associated protein 1 (PDAP1), mRNA."
"Homo sapiens programmed cell death 1 (PDCD1), mRNA."
"Homo sapiens programmed cell death 11 (PDCD11), mRNA."
"Homo sapiens programmed cell death 2 (PDCD2), transcript variant 1, mRNA."
"Homo sapiens programmed cell death 2-like (PDCD2L), mRNA."
"Homo sapiens programmed cell death 4 (neoplastic transformation inhibitor) (PDCD4), transcri
"Homo sapiens programmed cell death 5 (PDCD5), mRNA."
"Homo sapiens programmed cell death 6 (PDCD6), mRNA."
"Homo sapiens programmed cell death 7 (PDCD7), mRNA."
"Homo sapiens phosducin-like (PDCL), mRNA."
"Homo sapiens phosducin-like 3 (PDCL3), mRNA."
"Homo sapiens Parkinson disease 7 domain containing 1 (PDDC1), mRNA."
"Homo sapiens phosphodiesterase 12 (PDE12), mRNA."

"Homo sapiens phosphodiesterase 3A, cGMP-inhibited (PDE3A), mRNA."
"Homo sapiens phosphodiesterase 3B, cGMP-inhibited (PDE3B), mRNA."
"Homo sapiens phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 dunce homolog,
"Homo sapiens phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog,
"Homo sapiens phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog,
"Homo sapiens phosphodiesterase 6B, cGMP-specific, rod, beta (congenital stationary night blir
"Homo sapiens phosphodiesterase 6D, cGMP-specific, rod, delta (PDE6D), mRNA."
"Homo sapiens phosphodiesterase 6H, cGMP-specific, cone, gamma (PDE6H), mRNA."
"Homo sapiens phosphodiesterase 7A (PDE7A), transcript variant 2, mRNA."
"Homo sapiens phosphodiesterase 7B (PDE7B), mRNA."
"Homo sapiens phosphodiesterase 8A (PDE8A), transcript variant 2, mRNA."
"Homo sapiens phosphodiesterase 9A (PDE9A), transcript variant 5, mRNA."
"Homo sapiens peptide deformylase (mitochondrial) (PDF), nuclear gene encoding mitochondria
"Homo sapiens platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) onc
"Homo sapiens platelet derived growth factor D (PDGFD), transcript variant 2, mRNA."
"Homo sapiens platelet-derived growth factor receptor-like (PDGFRL), mRNA."
"Homo sapiens pyruvate dehydrogenase (lipoamide) alpha 1 (PDHA1), mRNA."
"Homo sapiens pyruvate dehydrogenase (lipoamide) alpha 2 (PDHA2), mRNA."
"Homo sapiens pyruvate dehydrogenase (lipoamide) beta (PDHB), mRNA."
"Homo sapiens pyruvate dehydrogenase complex, component X (PDHX), nuclear gene encodin
"Homo sapiens protein disulfide isomerase family A, member 3 pseudogene (PDIA3P), non-cod
"Homo sapiens protein disulfide isomerase family A, member 4 (PDIA4), mRNA."
"Homo sapiens protein disulfide isomerase family A, member 5 (PDIA5), mRNA."
"Homo sapiens protein disulfide isomerase family A, member 6 (PDIA6), mRNA."
"Homo sapiens PDLIM1 interacting kinase 1 like (PDIK1L), mRNA."
"Homo sapiens pyruvate dehydrogenase kinase, isozyme 1 (PDK1), nuclear gene encoding mit
"Homo sapiens pyruvate dehydrogenase kinase, isozyme 3 (PDK3), mRNA."
"Homo sapiens pyruvate dehydrogenase kinase, isozyme 4 (PDK4), mRNA."
"Homo sapiens PDZ and LIM domain 1 (PDLIM1), mRNA."
"Homo sapiens PDZ and LIM domain 3 (PDLIM3), mRNA."
"Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 4, mRNA."
"Homo sapiens PDZ and LIM domain 7 (enigma) (PDLIM7), transcript variant 1, mRNA."
"Homo sapiens pyruvate dehyrogenase phosphatase catalytic subunit 2 (PDP2), mRNA."
"Homo sapiens 3-phosphoinositide dependent protein kinase-1 (PDPK1), transcript variant 2, m
"PREDICTED: Homo sapiens pyruvate dehydrogenase phosphatase regulatory subunit (PDPR)
"Homo sapiens p53 and DNA-damage regulated 1 (PDRG1), mRNA."
"Homo sapiens PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae) (PDS5A),
"Homo sapiens PDS5, regulator of cohesion maintenance, homolog B (S. cerevisiae) (PDS5B),
"Homo sapiens prenyl (decaprenyl) diphosphate synthase, subunit 1 (PDSS1), mRNA."
"Homo sapiens prenyl (decaprenyl) diphosphate synthase, subunit 2 (PDSS2), mRNA."
"Homo sapiens pyridoxal-dependent decarboxylase domain containing 1 (PDXDC1), mRNA."
"Homo sapiens pyridoxal (pyridoxine, vitamin B6) kinase (PDXK), mRNA."
"Homo sapiens pyridoxal (pyridoxine, vitamin B6) phosphatase (PDXP), mRNA."
"Homo sapiens prodynorphin (PDYN), mRNA."

"Homo sapiens PDZ domain containing 11 (PDZD11), mRNA."
"Homo sapiens PDZ domain containing 2 (PDZD2), mRNA."
"Homo sapiens PDZ domain containing 3 (PDZD3), mRNA."
"Homo sapiens PDZ domain containing 4 (PDZD4), mRNA."
"Homo sapiens PDZ domain containing 8 (PDZD8), mRNA."
"PREDICTED: Homo sapiens PDZ domain containing RING finger 3 (PDZRN3), mRNA."
"Homo sapiens PDZ domain containing RING finger 4 (PDZRN4), mRNA."
"Homo sapiens phosphoprotein enriched in astrocytes 15 (PEA15), mRNA."
"Homo sapiens phosphatidylethanolamine binding protein 1 (PEBP1), mRNA."
"Homo sapiens platelet/endothelial cell adhesion molecule (PECAM1), mRNA."
"Homo sapiens peroxisomal D3,D2-enoyl-CoA isomerase (PECI), transcript variant 1, mRNA."
"Homo sapiens peroxisomal trans-2-enoyl-CoA reductase (PECR), mRNA."
"Homo sapiens penta-EF-hand domain containing 1 (PEF1), mRNA."
"Homo sapiens paternally expressed 10 (PEG10), transcript variant 1, mRNA. XM_940378"
"Homo sapiens paternally expressed 3 (PEG3), mRNA."
"Homo sapiens pellino homolog 1 (Drosophila) (PELI1), mRNA."
"Homo sapiens pellino homolog 2 (Drosophila) (PELI2), mRNA."
"Homo sapiens proline, glutamic acid and leucine rich protein 1 (PELP1), mRNA."
"Homo sapiens phosphatidylethanolamine N-methyltransferase (PEMT), nuclear gene encoding
"Homo sapiens peptidase D (PEPD), mRNA."
"Homo sapiens period homolog 1 (Drosophila) (PER1), mRNA."
"Homo sapiens period homolog 3 (Drosophila) (PER3), mRNA."
"Homo sapiens PERP, TP53 apoptosis effector (PERP), mRNA."
"Homo sapiens pescadillo homolog 1, containing BRCT domain (zebrafish) (PES1), mRNA."
"Homo sapiens PET112-like (yeast) (PET112L), mRNA."
"Homo sapiens peroxisome biogenesis factor 1 (PEX1), mRNA."
"Homo sapiens peroxisomal biogenesis factor 11 alpha (PEX11A), mRNA."
"Homo sapiens peroxisomal biogenesis factor 11 beta (PEX11B), mRNA."
"Homo sapiens peroxisomal biogenesis factor 11 gamma (PEX11G), mRNA."
"Homo sapiens peroxisome biogenesis factor 13 (PEX13), mRNA."
"Homo sapiens peroxisomal biogenesis factor 14 (PEX14), mRNA."
"Homo sapiens peroxisomal biogenesis factor 16 (PEX16), transcript variant 1, mRNA."
"Homo sapiens peroxisomal biogenesis factor 19 (PEX19), mRNA."
"Homo sapiens peroxisome biogenesis factor 26 (PEX26), mRNA."
"Homo sapiens peroxisomal biogenesis factor 3 (PEX3), mRNA."
"Homo sapiens peroxisomal biogenesis factor 5 (PEX5), mRNA."
"Homo sapiens peroxisomal biogenesis factor 6 (PEX6), mRNA."
"Homo sapiens peroxisomal biogenesis factor 7 (PEX7), mRNA."
"Homo sapiens phosphonoformate immuno-associated protein 5 (PFAAP5), mRNA."
"Homo sapiens phosphoribosylformylglycinamidine synthase (FGAR amidotransferase) (PFAS),
"Homo sapiens prefoldin subunit 1 (PFDN1), mRNA."
"Homo sapiens prefoldin subunit 4 (PFDN4), mRNA."
"Homo sapiens prefoldin subunit 5 (PFDN5), transcript variant 1, mRNA."
"Homo sapiens prefoldin subunit 6 (PFDN6), mRNA."

"Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2 (PFKFB2), transcript va
"Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (PFKFB3), mRNA."
"Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (PFKFB4), mRNA."
"Homo sapiens phosphofructokinase, liver (PFKL), transcript variant 2, mRNA."
"Homo sapiens phosphofructokinase, muscle (PFKM), mRNA."
"Homo sapiens phosphofructokinase, platelet (PFKP), mRNA."
"Homo sapiens profilin 1 (PFN1), mRNA."
"Homo sapiens profilin family, member 4 (PFN4), mRNA."
"Homo sapiens PFTAIRE protein kinase 1 (PFTK1), mRNA."
"Homo sapiens phosphoglycerate mutase 1 (brain) (PGAM1), mRNA."
"Homo sapiens phosphoglycerate mutase family member 4 (PGAM4), mRNA."
"Homo sapiens phosphoglycerate mutase family member 5 (PGAM5), mRNA."
"Homo sapiens post-GPI attachment to proteins 1 (PGAP1), mRNA."
"Homo sapiens piggyBac transposable element derived 1 (PGBD1), mRNA."
"Homo sapiens piggyBac transposable element derived 2 (PGBD2), transcript variant 1, mRNA."
"Homo sapiens piggyBac transposable element derived 3 (PGBD3), mRNA."
"Homo sapiens piggyBac transposable element derived 4 (PGBD4), mRNA."
"Homo sapiens piggyBac transposable element derived 5 (PGBD5), mRNA."
"Homo sapiens placental growth factor (PGF), mRNA."
"Homo sapiens protein geranylgeranyltransferase type I, beta subunit (PGGT1B), mRNA."
"Homo sapiens phosphoglycerate kinase 1 (PGK1), mRNA."
"Homo sapiens phosphoglycerate kinase 2 (PGK2), mRNA."
"Homo sapiens 6-phosphogluconolactonase (PGLS), mRNA."
"Homo sapiens peptidoglycan recognition protein 4 (PGLYRP4), mRNA."
"Homo sapiens phosphoglucomutase 1 (PGM1), mRNA."
"Homo sapiens phosphoglucomutase 2 (PGM2), mRNA."
"Homo sapiens phosphoglucomutase 2-like 1 (PGM2L1), mRNA."
"Homo sapiens phosphoglucomutase 3 (PGM3), mRNA."
"Homo sapiens phosphoglycolate phosphatase (PGP), mRNA."
"Homo sapiens pyroglutamyl-peptidase I (PGPEP1), mRNA."
"Homo sapiens progesterone receptor membrane component 1 (PGRMC1), mRNA."
"Homo sapiens progesterone receptor membrane component 2 (PGRMC2), mRNA."
"Homo sapiens phosphatidylglycerophosphate synthase 1 (PGS1), mRNA."
"Homo sapiens phosphatase and actin regulator 1 (PHACTR1), mRNA."
"Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 3, mRNA."
"Homo sapiens phosphorylated adaptor for RNA export (PHAX), mRNA."
"Homo sapiens prohibitin (PHB), mRNA."
"Homo sapiens prohibitin 2 (PHB2), transcript variant 2, mRNA."
"Homo sapiens polyhomeotic homolog 1 (Drosophila) (PHC1), mRNA."
"Homo sapiens polyhomeotic homolog 2 (Drosophila) (PHC2), transcript variant 2, mRNA."
"Homo sapiens polyhomeotic homolog 3 (Drosophila) (PHC3), mRNA."
"Homo sapiens phytoceramidase, alkaline (PHCA), mRNA."
"Homo sapiens phosphate regulating endopeptidase homolog, X-linked (hypophosphatemia, vit
"Homo sapiens PHD finger protein 1 (PHF1), transcript variant 2, mRNA."

"Homo sapiens PHD finger protein 10 (PHF10), transcript variant 2, mRNA."
"Homo sapiens PHD finger protein 11 (PHF11), transcript variant 1, mRNA."
"Homo sapiens PHD finger protein 12 (PHF12), transcript variant 2, mRNA."
"Homo sapiens PHD finger protein 13 (PHF13), mRNA."
"Homo sapiens PHD finger protein 14 (PHF14), transcript variant 1, mRNA."
"Homo sapiens PHD finger protein 15 (PHF15), mRNA."
"Homo sapiens PHD finger protein 16 (PHF16), transcript variant 1, mRNA."
"Homo sapiens PHD finger protein 17 (PHF17), transcript variant S, mRNA."
"Homo sapiens PHD finger protein 19 (PHF19), transcript variant 1, mRNA."
"Homo sapiens PHD finger protein 2 (PHF2), mRNA."
"Homo sapiens PHD finger protein 20-like 1 (PHF20L1), transcript variant 2, mRNA."
"Homo sapiens PHD finger protein 21A (PHF21A), mRNA."
"Homo sapiens PHD finger protein 21B (PHF21B), mRNA."
"Homo sapiens PHD finger protein 23 (PHF23), mRNA."
"Homo sapiens PHD finger protein 3 (PHF3), mRNA."
"Homo sapiens PHD finger protein 5A (PHF5A), mRNA."
"Homo sapiens PHD finger protein 7 (PHF7), transcript variant 2, mRNA."
"Homo sapiens phosphoglycerate dehydrogenase (PHGDH), mRNA."
"Homo sapiens pleckstrin homology domain interacting protein (PHIP), mRNA."
"Homo sapiens phosphorylase kinase, alpha 1 (muscle) (PHKA1), mRNA."
"Homo sapiens phosphorylase kinase, alpha 2 (liver) (PHKA2), mRNA."
"Homo sapiens phosphorylase kinase, beta (PHKB), transcript variant 2, mRNA."
"Homo sapiens phosphorylase kinase, gamma 1 (muscle) (PHKG1), mRNA."
"Homo sapiens phosphorylase kinase, gamma 2 (testis) (PHKG2), mRNA."
"Homo sapiens pleckstrin homology-like domain, family A, member 1 (PHLDA1), mRNA."
"Homo sapiens pleckstrin homology-like domain, family B, member 1 (PHLDB1), mRNA."
"Homo sapiens pleckstrin homology-like domain, family B, member 2 (PHLDB2), mRNA."
"Homo sapiens PH domain and leucine rich repeat protein phosphatase 1 (PHLPP1), mRNA."
"Homo sapiens PH domain and leucine rich repeat protein phosphatase 2 (PHLPP2), mRNA."
"Homo sapiens phosphatase, orphan 2 (PHOSPHO2), mRNA."
"Homo sapiens paired-like homeobox 2a (PHOX2A), mRNA."
"Homo sapiens phosphohistidine phosphatase 1 (PHPT1), mRNA."
"Homo sapiens PHD and ring finger domains 1 (PHRF1), mRNA."
"Homo sapiens putative homeodomain transcription factor 1 (PHTF1), mRNA."
"Homo sapiens phytanoyl-CoA 2-hydroxylase (PHYH), transcript variant 2, mRNA."
"Homo sapiens phytanoyl-CoA dioxygenase domain containing 1 (PHYHD1), mRNA."
"Homo sapiens peptidase inhibitor 16 (PI16), mRNA."
"Homo sapiens peptidase inhibitor 3, skin-derived (SKALP) (PI3), mRNA."
"Homo sapiens phosphatidylinositol 4-kinase type 2 alpha (PI4K2A), mRNA."
"Homo sapiens phosphatidylinositol 4-kinase type 2 beta (PI4K2B), mRNA."
"Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha pseudogene 1 (PI4KAP1), non-co
"Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha polypeptide pseudogene 2 (PI4KA
"Homo sapiens phosphatidylinositol 4-kinase, catalytic, beta (PI4KB), mRNA."
"Homo sapiens protein inhibitor of activated STAT, 1 (PIAS1), mRNA."

"PREDICTED: Homo sapiens protein inhibitor of activated STAT, 2 (PIAS2), mRNA."
"Homo sapiens protein inhibitor of activated STAT, 3 (PIAS3), mRNA."
"Homo sapiens progesterone immunomodulatory binding factor 1 (PIBF1), mRNA."
"Homo sapiens phosphatidylinositol binding clathrin assembly protein (PICALM), transcript varia
"Homo sapiens protein interacting with PRKCA 1 (PICK1), transcript variant 1, mRNA."
"Homo sapiens phosphotyrosine interaction domain containing 1 (PID1), mRNA."
"Homo sapiens PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae) (PIF1), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class A (PIGA), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class B (PIGB), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class C (PIGC), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class F (PIGF), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class G (PIGG), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class H (PIGH), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class K (PIGK), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class L (PIGL), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class M (PIGM), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class N (PIGN), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class O (PIGO), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class P (PIGP), transcript varia
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Q (PIGQ), transcript varia
"Homo sapiens polymeric immunoglobulin receptor (PIGR), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class S (PIGS), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class T (PIGT), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class U (PIGU), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class V (PIGV), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class W (PIGW), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class X (PIGX), mRNA."
"Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Y (PIGY), transcript varia
"Homo sapiens PIH1 domain containing 1 (PIH1D1), mRNA."
"Homo sapiens PIH1 domain containing 2 (PIH1D2), transcript variant 2, mRNA."
"Homo sapiens phosphoinositide-3-kinase adaptor protein 1 (PIK3AP1), mRNA."
"Homo sapiens phosphoinositide-3-kinase, class 2, alpha polypeptide (PIK3C2A), mRNA."
"Homo sapiens phosphoinositide-3-kinase, class 2, beta polypeptide (PIK3C2B), mRNA."
"Homo sapiens phosphoinositide-3-kinase, class 3 (PIK3C3), mRNA."
"Homo sapiens phosphoinositide-3-kinase, catalytic, alpha polypeptide (PIK3CA), mRNA."
"Homo sapiens phosphoinositide-3-kinase, catalytic, beta polypeptide (PIK3CB), mRNA."
"Homo sapiens phosphoinositide-3-kinase, catalytic, delta polypeptide (PIK3CD), mRNA."
"Homo sapiens phosphoinositide-3-kinase, catalytic, gamma polypeptide (PIK3CG), mRNA."
"Homo sapiens phosphoinositide-3-kinase interacting protein 1 (PIK3IP1), mRNA."
"Homo sapiens phosphoinositide-3-kinase, regulatory subunit 1 (alpha) (PIK3R1), transcript vari
"Homo sapiens phosphoinositide-3-kinase, regulatory subunit 2 (beta) (PIK3R2), mRNA."
"Homo sapiens phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma) (PIK3R3), mRNA
"Homo sapiens phosphoinositide-3-kinase, regulatory subunit 4, p150 (PIK3R4), mRNA."
"Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha polypeptide (PIK4CA), transcript v

"Homo sapiens paired immunoglobin-like type 2 receptor alpha (PILRA), transcript variant 1, mF
"Homo sapiens paired immunoglobin-like type 2 receptor beta (PILRB), transcript variant 2, mRI
"Homo sapiens pim-1 oncogene (PIM1), mRNA."
"Homo sapiens pim-2 oncogene (PIM2), mRNA."
"Homo sapiens pim-3 oncogene (PIM3), mRNA."
"Homo sapiens peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (PIN1), mRNA."
"Homo sapiens protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) (PIN4),
"Homo sapiens PTEN induced putative kinase 1 (PINK1), nuclear gene encoding mitochondrial
"Homo sapiens PIN2-interacting protein 1 (PINX1), mRNA."
"Homo sapiens pigeon homolog (Drosophila) (PION), mRNA."
"Homo sapiens phosphoinositide-binding protein PIP3-E (PIP3-E), mRNA."
"Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, alpha (PIP4K2A), mRNA."
"Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, beta (PIP4K2B), mRNA."
"Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, gamma (PIP4K2C), mRNA."
"Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, beta (PIP5K1B), transcript va
"Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, gamma (PIP5K1C), mRNA."
"Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type II, alpha (PIP5K2A), mRNA."
"Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type II, beta (PIP5K2B), transcript va
"Homo sapiens phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III (PIP5K3
"Homo sapiens phosphatidylinositol-4-phosphate 5-kinase-like 1 (PIP5KL1), transcript variant 2,
"Homo sapiens pipecolic acid oxidase (PIPOX), mRNA."
"Homo sapiens PIP5K1A and PSMD4-like (PIPSL), non-coding RNA."
"Homo sapiens pirin (iron-binding nuclear protein) (PIR), transcript variant 2, mRNA."
"Homo sapiens phosphatidylserine decarboxylase (PISD), mRNA."
"Homo sapiens phosphatidylinositol transfer protein, beta (PITPNB), mRNA."
"Homo sapiens phosphatidylinositol transfer protein, cytoplasmic 1 (PITPNC1), transcript varian
"Homo sapiens phosphatidylinositol transfer protein, membrane-associated 1 (PITPNM1), mRN
"Homo sapiens phosphatidylinositol transfer protein, membrane-associated 2 (PITPNM2), mRN
"Homo sapiens pitrilysin metallopeptidase 1 (PITRM1), mRNA."
"Homo sapiens paired-like homeodomain transcription factor 1 (PITX1), mRNA."
"Homo sapiens paired-like homeodomain 2 (PITX2), transcript variant 2, mRNA."
"Homo sapiens paired-like homeodomain 3 (PITX3), mRNA."
"Homo sapiens praja ring finger 1 (PJA1), transcript variant 1, mRNA."
"Homo sapiens praja 2, RING-H2 motif containing (PJA2), mRNA."
"Homo sapiens similar to olfactory receptor 873 (PJCG6), mRNA."
"Homo sapiens polycystic kidney disease 1 (autosomal dominant) (PKD1), transcript variant 1, r
"Homo sapiens polycystic kidney disease 1 like 1 (PKD1L1), mRNA."
"Homo sapiens polycystic kidney disease 2 (autosomal dominant) (PKD2), mRNA."
"Homo sapiens protein kinase domain containing, cytoplasmic homolog (mouse) (PKDCC), mRN
"Homo sapiens polycystic kidney and hepatic disease 1 (autosomal recessive)-like 1 (PKHD1L1
"Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor alpha (PKIA), transcript vari
"Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor beta (PKIB), transcript varia
"Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor gamma (PKIG), transcript v
"Homo sapiens pyruvate kinase, muscle (PKM2), transcript variant 1, mRNA."

"Homo sapiens protein kinase, membrane associated tyrosine/threonine 1 (PKMYT1), transcript
"Homo sapiens protein kinase N1 (PKN1), transcript variant 2, mRNA."
"Homo sapiens protein kinase N2 (PKN2), mRNA."
"Homo sapiens protein kinase N3 (PKN3), mRNA."
"Homo sapiens PBX/knotted 1 homeobox 1 (PKNOX1), mRNA."
"Homo sapiens plakophilin 2 (PKP2), transcript variant 2a, mRNA."
"Homo sapiens plakophilin 4 (PKP4), transcript variant 1, mRNA."
"Homo sapiens phospholipase A1 member A (PLA1A), mRNA."
"Homo sapiens phospholipase A2, group X (PLA2G10), mRNA."
"Homo sapiens phospholipase A2, group XIIA (PLA2G12A), mRNA."
"Homo sapiens phospholipase A2, group XIIB (PLA2G12B), mRNA."
"Homo sapiens phospholipase A2, group XV (PLA2G15), mRNA."
"Homo sapiens phospholipase A2, group IID (PLA2G2D), mRNA."
"Homo sapiens phospholipase A2, group IVB (cytosolic) (PLA2G4B), mRNA."
"Homo sapiens phospholipase A2-activating protein (PLAA), transcript variant 1, mRNA."
"Homo sapiens placenta-specific 1 (PLAC1), mRNA."
"Homo sapiens placenta-specific 2 (PLAC2), mRNA."
"Homo sapiens placenta-specific 8 (PLAC8), mRNA."
"Homo sapiens PLAC8-like 1 (PLAC8L1), mRNA."
"Homo sapiens pleiomorphic adenoma gene 1 (PLAG1), mRNA."
"Homo sapiens pleiomorphic adenoma gene-like 1 (PLAGL1), transcript variant 4, mRNA."
"Homo sapiens pleiomorphic adenoma gene-like 2 (PLAGL2), mRNA."
"Homo sapiens plasminogen activator, urokinase (PLAU), mRNA."
"Homo sapiens phospholipase B1 (PLB1), mRNA."
"Homo sapiens phospholipase C, beta 1 (phosphoinositide-specific) (PLCB1), transcript variant
"Homo sapiens phospholipase C, beta 2 (PLCB2), mRNA."
"Homo sapiens phospholipase C, delta 1 (PLCD1), mRNA."
"Homo sapiens phospholipase C, delta 3 (PLCD3), mRNA."
"Homo sapiens phospholipase C, gamma 1 (PLCG1), transcript variant 2, mRNA."
"Homo sapiens phospholipase C, gamma 2 (phosphatidylinositol-specific) (PLCG2), mRNA."
"Homo sapiens phospholipase C, eta 1 (PLCH1), mRNA."
"Homo sapiens phospholipase C, eta 2 (PLCH2), mRNA."
"Homo sapiens phospholipase C-like 1 (PLCL1), mRNA."
"Homo sapiens phospholipase C-like 2 (PLCL2), mRNA."
"Homo sapiens phosphatidylinositol-specific phospholipase C, X domain containing 1 (PLCXD1)
"Homo sapiens phospholipase D1, phosphatidylcholine-specific (PLD1), mRNA."
"Homo sapiens phospholipase D2 (PLD2), mRNA."
"Homo sapiens phospholipase D family, member 3 (PLD3), transcript variant 1, mRNA."
"Homo sapiens phospholipase D family, member 4 (PLD4), mRNA."
"Homo sapiens phospholipase D family, member 5 (PLD5), mRNA."
"Homo sapiens phospholipase D family, member 6 (PLD6), mRNA."
"Homo sapiens pallidin homolog (mouse) (PLDN), mRNA."
"Homo sapiens plectin 1, intermediate filament binding protein 500kDa (PLEC1), transcript varia
"Homo sapiens pleckstrin (PLEK), mRNA."

"Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding spec
"Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding spec
"Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding spec
"Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding spec
"Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding spec
"Homo sapiens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHB
"Homo sapiens pleckstrin homology domain containing, family B (evectins) member 2 (PLEKHB
"Homo sapiens pleckstrin homology domain containing, family F (with FYVE domain) member 1
"Homo sapiens pleckstrin homology domain containing, family F (with FYVE domain) member 2
"Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) membe
"Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) membe
"Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) membe
"Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) membe
"Homo sapiens pleckstrin homology domain containing, family H (with MyTH4 domain) member
"Homo sapiens pleckstrin homology domain containing, family H (with MyTH4 domain) member
"Homo sapiens pleckstrin homology domain containing, family J member 1 (PLEKHJ1), mRNA."
"PREDICTED: Homo sapiens pleckstrin homology domain containing, family M (with RUN doma
"Homo sapiens pleckstrin homology domain containing, family O member 1 (PLEKHO1), mRNA
"Homo sapiens pleckstrin homology domain containing, family O member 2 (PLEKHO2), mRNA
"Homo sapiens plasminogen (PLG), mRNA."
"PREDICTED: Homo sapiens plasminogen-like A1, transcript variant 4 (PLGLA1), mRNA."
"Homo sapiens plasminogen-like B1 (PLGLB1), mRNA."
"Homo sapiens plasminogen-like B2 (PLGLB2), mRNA."
"Homo sapiens perilipin 2 (PLIN2), mRNA."
"Homo sapiens perilipin 5 (PLIN5), mRNA."
"Homo sapiens polo-like kinase 1 (Drosophila) (PLK1), mRNA."
"Homo sapiens polo-like kinase 3 (Drosophila) (PLK3), mRNA."
"Homo sapiens polo-like kinase 4 (Drosophila) (PLK4), mRNA."
"Homo sapiens plasma membrane proteolipid (plasmolipin) (PLLP), mRNA."
"Homo sapiens procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1 (PLOD1), mRNA."
"Homo sapiens procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 (PLOD3), mRNA."
"Homo sapiens proteolipid protein 2 (colonic epithelium-enriched) (PLP2), mRNA."
"Homo sapiens pleiotropic regulator 1 (PRL1 homolog, Arabidopsis) (PLRG1), mRNA."
"Homo sapiens plastin 1 (I isoform) (PLS1), mRNA."
"Homo sapiens phospholipid scramblase 1 (PLSCR1), mRNA."
"Homo sapiens phospholipid scramblase 3 (PLSCR3), mRNA."
"PREDICTED: Homo sapiens phospholipid scramblase family, member 5 (PLSCR5), mRNA."
"Homo sapiens phospholipid transfer protein (PLTP), transcript variant 2, mRNA."
"Homo sapiens plexin A1 (PLXNA1), mRNA."
"Homo sapiens plexin A3 (PLXNA3), mRNA."
"Homo sapiens plexin B2 (PLXNB2), mRNA."
"Homo sapiens plexin B3 (PLXNB3), mRNA."
"Homo sapiens plexin D1 (PLXND1), mRNA."
"Homo sapiens peptidase M20 domain containing 2 (PM20D2), mRNA."

"Homo sapiens phorbol-12-myristate-13-acetate-induced protein 1 (PMAIP1), mRNA."
"Homo sapiens prostate transmembrane protein, androgen induced 1 (PMEPA1), transcript vari
"Homo sapiens polyamine-modulated factor 1 (PMF1), mRNA."
"Homo sapiens promyelocytic leukemia (PML), transcript variant 2, mRNA."
"Homo sapiens phosphomannomutase 1 (PMM1), mRNA."
"Homo sapiens phosphomannomutase 2 (PMM2), mRNA."
"Homo sapiens peripheral myelin protein 22 (PMP22), transcript variant 2, mRNA."
"Homo sapiens peptidase (mitochondrial processing) alpha (PMPCA), nuclear gene encoding m
"Homo sapiens peptidase (mitochondrial processing) beta (PMPCB), nuclear gene encoding mit
"Homo sapiens PMS1 postmeiotic segregation increased 1 (S. cerevisiae) (PMS1), mRNA."
"Homo sapiens PMS2 postmeiotic segregation increased 2 (S. cerevisiae) (PMS2), transcript va
"PREDICTED: Homo sapiens PMS2-C terminal-like (PMS2CL), misc RNA."
"PREDICTED: Homo sapiens postmeiotic segregation increased 2-like 1, transcript variant 8 (PI
"Homo sapiens postmeiotic segregation increased 2-like 3 (PMS2L3), transcript variant 2, mRN
"Homo sapiens postmeiotic segregation increased 2-like 4 pseudogene (PMS2L4), non-coding R
"Homo sapiens postmeiotic segregation increased 2-like 5 (PMS2L5), mRNA."
"Homo sapiens phosphomevalonate kinase (PMVK), mRNA."
"Homo sapiens pregnancy upregulated non-ubiquitously expressed CaM kinase (PNCK), mRNA
"Homo sapiens paroxysmal nonkinesiogenic dyskinesia (PNKD), transcript variant 2, mRNA."
"Homo sapiens polynucleotide kinase 3'-phosphatase (PNKP), mRNA."
"Homo sapiens paraneoplastic antigen MA1 (PNMA1), mRNA."
"Homo sapiens paraneoplastic antigen MA2 (PNMA2), mRNA."
"Homo sapiens paraneoplastic antigen MA3 (PNMA3), mRNA."
"Homo sapiens paraneoplastic antigen like 6A (PNMA6A), mRNA."
"Homo sapiens PNMA-like 1 (PNMAL1), transcript variant 1, mRNA."
"Homo sapiens pinin, desmosome associated protein (PNN), mRNA."
"Homo sapiens partner of NOB1 homolog (S. cerevisiae) (PNO1), mRNA."
"Homo sapiens prepronociceptin (PNOC), mRNA."
"Homo sapiens patatin-like phospholipase domain containing 2 (PNPLA2), mRNA."
"Homo sapiens patatin-like phospholipase domain containing 4 (PNPLA4), mRNA."
"Homo sapiens patatin-like phospholipase domain containing 6 (PNPLA6), mRNA."
"Homo sapiens patatin-like phospholipase domain containing 7 (PNPLA7), mRNA."
"Homo sapiens patatin-like phospholipase domain containing 8 (PNPLA8), mRNA."
"Homo sapiens pyridoxamine 5'-phosphate oxidase (PNPO), mRNA."
"Homo sapiens polyribonucleotide nucleotidyltransferase 1 (PNPT1), mRNA."
"Homo sapiens proline-rich nuclear receptor coactivator 1 (PNRC1), mRNA."
"Homo sapiens proline-rich nuclear receptor coactivator 2 (PNRC2), mRNA."
"Homo sapiens podocalyxin-like (PODXL), transcript variant 1, mRNA."
"Homo sapiens podocalyxin-like 2 (PODXL2), mRNA."
"Homo sapiens premature ovarian failure, 1B (POF1B), mRNA."
"Homo sapiens protein O-fucosyltransferase 1 (POFUT1), transcript variant 1, mRNA."
"Homo sapiens protein O-fucosyltransferase 2 (POFUT2), transcript variant 1, mRNA."
"Homo sapiens pogo transposable element with KRAB domain (POGK), mRNA."
"Homo sapiens polyserase 3 (POL3S), mRNA."

"Homo sapiens polymerase (DNA directed), alpha 1, catalytic subunit (POLA1), mRNA."
"Homo sapiens polymerase (DNA directed), alpha 2 (70kD subunit) (POLA2), mRNA."
"Homo sapiens polymerase (DNA directed), beta (POLB), mRNA."
"Homo sapiens polymerase (DNA directed), delta 1, catalytic subunit 125kDa (POLD1), mRNA."
"Homo sapiens polymerase (DNA directed), delta 2, regulatory subunit 50kDa (POLD2), transcri
"Homo sapiens polymerase (DNA-directed), delta 3, accessory subunit (POLD3), mRNA."
"Homo sapiens polymerase (DNA-directed), delta 4 (POLD4), mRNA."
"Homo sapiens polymerase (DNA-directed), delta interacting protein 2 (POLDIP2), mRNA."
"Homo sapiens polymerase (DNA-directed), delta interacting protein 3 (POLDIP3), transcript var
"Homo sapiens polymerase (DNA directed), epsilon (POLE), mRNA."
"Homo sapiens polymerase (DNA directed), epsilon 2 (p59 subunit) (POLE2), mRNA."
"Homo sapiens polymerase (DNA directed), epsilon 3 (p17 subunit) (POLE3), mRNA."
"Homo sapiens polymerase (DNA-directed), epsilon 4 (p12 subunit) (POLE4), mRNA."
"Homo sapiens polymerase (DNA directed), gamma (POLG), mRNA."
"Homo sapiens polymerase (DNA directed), gamma 2, accessory subunit (POLG2), mRNA."
"Homo sapiens polymerase (DNA directed), eta (POLH), mRNA."
"Homo sapiens polymerase (DNA directed) iota (POLI), mRNA."
"Homo sapiens polymerase (DNA directed), lambda (POLL), mRNA."
"Homo sapiens polymerase (DNA directed), mu (POLM), mRNA."
"Homo sapiens polymerase (DNA directed), theta (POLQ), mRNA."
"Homo sapiens polymerase (RNA) I polypeptide A, 194kDa (POLR1A), mRNA."
"Homo sapiens polymerase (RNA) I polypeptide B, 128kDa (POLR1B), mRNA."
"Homo sapiens polymerase (RNA) I polypeptide C, 30kDa (POLR1C), transcript variant 1, mRN
"Homo sapiens polymerase (RNA) I polypeptide D, 16kDa (POLR1D), transcript variant 1, mRN
"Homo sapiens polymerase (RNA) I polypeptide E, 53kDa (POLR1E), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide A, 220kDa (POLR2A), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide B, 140kDa (POLR2B), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide C, 33kDa (POLR2C), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide D (POLR2D), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide E, 25kDa (POLR2E), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide F (POLR2F), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide H (POLR2H), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa (POLR2I), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa (POLR2J), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J2 (POLR2J2), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J3 (POLR2J3), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa (POLR2K), mRNA."
"Homo sapiens polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa (POLR2L), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide B (POLR3B), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide C (62kD) (POLR3C), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide D, 44kDa (POLR3D), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide E (80kD) (POLR3E), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa (POLR3F), mRNA."

"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide G (32kD) (POLR3G), mRNA."
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like (POLR3GL), mR
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide H (22.9kD) (POLR3H), transcr
"Homo sapiens polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa (POLR3K), mRNA
"Homo sapiens polymerase (RNA) mitochondrial (DNA directed) (POLRMT), nuclear gene enco
"Homo sapiens polymerase (DNA directed) sigma (POLS), mRNA."
"Homo sapiens POM121 membrane glycoprotein C (POM121C), mRNA."
"Homo sapiens POM121 membrane glycoprotein-like 4 pseudogene (rat) (POM121L4P), non-co
"Homo sapiens proopiomelanocortin (POMC), transcript variant 1, mRNA."
"Homo sapiens protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase (POMGNT1
"Homo sapiens proteasome maturation protein (POMP), mRNA."
"Homo sapiens protein-O-mannosyltransferase 1 (POMT1), transcript variant 1, mRNA."
"Homo sapiens protein-O-mannosyltransferase 2 (POMT2), mRNA."
"Homo sapiens paraoxonase 2 (PON2), transcript variant 1, mRNA."
"Homo sapiens processing of precursor 1, ribonuclease P/MRP subunit (S. cerevisiae) (POP1),
"Homo sapiens processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae) (POP4),
"Homo sapiens processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae) (POP5),
"Homo sapiens processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae) (POP7),
"Homo sapiens popeye domain containing 2 (POPDC2), mRNA."
"Homo sapiens P450 (cytochrome) oxidoreductase (POR), mRNA."
"Homo sapiens porcupine homolog (Drosophila) (PORCN), transcript variant A, mRNA."
"Homo sapiens POT1 protection of telomeres 1 homolog (S. pombe) (POT1), transcript variant 3
"Homo sapiens protein expressed in prostate, ovary, testis, and placenta 2 (POTE2), transcript v
"Homo sapiens POTE ankyrin domain family, member E (POTEE), mRNA."
"Homo sapiens POTE ankyrin domain family, member F (POTEF), mRNA."
"Homo sapiens POU class 2 associating factor 1 (POU2AF1), mRNA."
"Homo sapiens POU class 2 homeobox 1 (POU2F1), mRNA."
"Homo sapiens POU domain, class 2, transcription factor 2 (POU2F2), mRNA."
"Homo sapiens POU class 3 homeobox 1 (POU3F1), mRNA."
"Homo sapiens POU class 3 homeobox 2 (POU3F2), mRNA."
"Homo sapiens POU class 4 homeobox 1 (POU4F1), mRNA."
"Homo sapiens POU class 5 homeobox 1 pseudogene 1 (POU5F1P1), non-coding RNA."
"Homo sapiens pyrophosphatase (inorganic) 1 (PPA1), mRNA."
"Homo sapiens pyrophosphatase (inorganic) 2 (PPA2), nuclear gene encoding mitochondrial pro
"Homo sapiens peter pan homolog (Drosophila) (PPAN), mRNA."
"Homo sapiens PPAN-P2RY11 readthrough (PPAN-P2RY11), mRNA."
"Homo sapiens phosphatidic acid phosphatase type 2A (PPAP2A), transcript variant 2, mRNA."
"Homo sapiens phosphatidic acid phosphatase type 2 domain containing 1A (PPAPDC1A), mRN
"Homo sapiens phosphatidic acid phosphatase type 2 domain containing 1B (PPAPDC1B), mRN
"Homo sapiens phosphatidic acid phosphatase type 2 domain containing 2 (PPAPDC2), mRNA.
"Homo sapiens phosphatidic acid phosphatase type 2 domain containing 3 (PPAPDC3), mRNA.
"Homo sapiens peroxisome proliferator-activated receptor alpha (PPARA), transcript variant 3, r
"Homo sapiens peroxisome proliferative activated receptor, delta (PPARD), transcript variant 1,
"Homo sapiens peroxisome proliferator-activated receptor gamma, coactivator 1 beta (PPARGC

"Homo sapiens phosphoribosyl pyrophosphate amidotransferase (PPAT), mRNA."
"Homo sapiens phosphopantothenoylcysteine synthetase (PPCS), transcript variant 2, mRNA."
"Homo sapiens pancreatic progenitor cell differentiation and proliferation factor homolog (zebraf
"Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting
"Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting
"Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting
"Homo sapiens PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), transcript
"Homo sapiens PTPRF interacting protein, binding protein 2 (liprin beta 2) (PPFIBP2), mRNA."
"Homo sapiens periphilin 1 (PPHLN1), transcript variant 5, mRNA."
"Homo sapiens peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA."
"Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4A (PPIAL4A), mRNA."
"Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4C (PPIAL4C), mRNA."
"PREDICTED: Homo sapiens peptidylprolyl isomerase A (cyclophilin A) pseudogene 19 (PPIAP
"Homo sapiens peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA."
"Homo sapiens peptidylprolyl isomerase C (cyclophilin C) (PPIC), mRNA."
"Homo sapiens peptidylprolyl isomerase E (cyclophilin E) (PPIE), transcript variant 3, mRNA."
"Homo sapiens peptidylprolyl isomerase F (PPIF), nuclear gene encoding mitochondrial protein,
"Homo sapiens peptidylprolyl isomerase G (cyclophilin G) (PPIG), mRNA."
"Homo sapiens peptidylprolyl isomerase H (cyclophilin H) (PPIH), mRNA."
"Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 1 (PPIL1), mRNA."
"Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 2 (PPIL2), transcript variant 1, mRNA.
"Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 3 (PPIL3), transcript variant PPIL3c, m
"Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 5 (PPIL5), transcript variant 2, mRNA.
"Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 6 (PPIL6), mRNA."
"Homo sapiens periplakin (PPL), mRNA."
"Homo sapiens protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform (PP
"Homo sapiens protein phosphatase 1D magnesium-dependent, delta isoform (PPM1D), mRNA
"Homo sapiens protein phosphatase 1E (PP2C domain containing) (PPM1E), mRNA."
"Homo sapiens protein phosphatase 1H (PP2C domain containing) (PPM1H), mRNA."
"Homo sapiens protein phosphatase 1J (PP2C domain containing) (PPM1J), mRNA."
"Homo sapiens protein phosphatase 1K (PP2C domain containing) (PPM1K), mRNA."
"Homo sapiens protein phosphatase 1M (PP2C domain containing) (PPM1M), mRNA."
"Homo sapiens protein phosphatase 2C, magnesium-dependent, catalytic subunit (PPM2C), nu
"Homo sapiens protein phosphatase methylesterase 1 (PPME1), mRNA."
"Homo sapiens protoporphyrinogen oxidase (PPOX), nuclear gene encoding mitochondrial prote
"Homo sapiens protein phosphatase 1, catalytic subunit, alpha isoform (PPP1CA), transcript var
"Homo sapiens protein phosphatase 1, catalytic subunit, beta isoform (PPP1CB), transcript varia
"Homo sapiens protein phosphatase 1, catalytic subunit, gamma isoform (PPP1CC), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 10 (PPP1R10), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 11 (PPP1R11), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 12B (PPP1R12B), transcrip
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 12C (PPP1R12C), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 13B (PPP1R13B), mRNA."

"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 13 like (PPP1R13L), mRNA
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14A (PPP1R14A), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14B (PPP1R14B), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14C (PPP1R14C), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 15A (PPP1R15A), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 15B (PPP1R15B), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 16A (PPP1R16A), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 16B (PPP1R16B), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1B (dopamine and cAMP re
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1C (PPP1R1C), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 2 (PPP1R2), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 2 pseudogene 3 (PPP1R2F
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 3B (PPP1R3B), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 3D (PPP1R3D), mRNA."
"PREDICTED: Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 3E (PPP1R3
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 3F (PPP1R3F), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 7 (PPP1R7), mRNA."
"Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 8 (PPP1R8), transcript varia
"Homo sapiens protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (PPP2CA),
"Homo sapiens protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform (PPP2CB),
"Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit A , alpha isoform (PPP2
"Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform (PPP2R
"Homo sapiens protein phosphatase 2, regulatory subunit B, delta isoform (PPP2R2D), transcrip
"Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit B'', beta (PPP2R3B), tra
"Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit B'', gamma (PPP2R3C),
"Homo sapiens protein phosphatase 2A activator, regulatory subunit 4 (PPP2R4), transcript vari
"Homo sapiens protein phosphatase 2, regulatory subunit B', alpha isoform (PPP2R5A), mRNA.
"Homo sapiens protein phosphatase 2, regulatory subunit B', beta isoform (PPP2R5B), mRNA."
"Homo sapiens protein phosphatase 2, regulatory subunit B', gamma isoform (PPP2R5C), trans
"Homo sapiens protein phosphatase 2, regulatory subunit B', delta isoform (PPP2R5D), transcri
"Homo sapiens protein phosphatase 2, regulatory subunit B', epsilon isoform (PPP2R5E), mRNA
"Homo sapiens protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (PPP3CA),
"Homo sapiens protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (PPP3CB),
"Homo sapiens protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (PPP3C
"Homo sapiens protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform (PPP3
"Homo sapiens protein phosphatase 4 (formerly X), catalytic subunit (PPP4C), mRNA."
"Homo sapiens protein phosphatase 4, regulatory subunit 1 (PPP4R1), transcript variant 2, mRN
"Homo sapiens protein phosphatase 4, regulatory subunit 4 (PPP4R4), transcript variant 1, mRN
"Homo sapiens protein phosphatase 5, catalytic subunit (PPP5C), mRNA."
"Homo sapiens protein phosphatase 6, catalytic subunit (PPP6C), mRNA."
"Homo sapiens PPPDE peptidase domain containing 1 (PPPDE1), mRNA."
"Homo sapiens PPPDE peptidase domain containing 2 (PPPDE2), mRNA."
"Homo sapiens peroxisome proliferator-activated receptor gamma, coactivator-related 1 (PPRC
"Homo sapiens palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile) (PP

"Homo sapiens PTC7 protein phosphatase homolog (S. cerevisiae) (PPTC7), mRNA."
"Homo sapiens peptidylprolyl isomerase domain and WD repeat containing 1 (PPWD1), mRNA.
"Homo sapiens pancreatic polypeptide (PPY), mRNA."
"Homo sapiens polyglutamine binding protein 1 (PQBP1), transcript variant 1, mRNA."
"Homo sapiens PQ loop repeat containing 1 (PQLC1), mRNA."
"Homo sapiens PQ loop repeat containing 3 (PQLC3), mRNA."
"Homo sapiens PRA1 domain family, member 2 (PRAF2), mRNA."
"Homo sapiens homolog of rat pragma of Rnd2 (PRAGMIN), mRNA."
"Homo sapiens preferentially expressed antigen in melanoma (PRAME), transcript variant 4, mF
"Homo sapiens PRAME family member 4 (PRAMEF4), mRNA."
"Homo sapiens PRAME family member 9 (PRAMEF9), mRNA."
"Homo sapiens proline-rich protein BstNI subfamily 3 (PRB3), mRNA."
"Homo sapiens proline-rich protein BstNI subfamily 4 (PRB4), mRNA."
"Homo sapiens protein regulator of cytokinesis 1 (PRC1), transcript variant 2, mRNA."
"Homo sapiens papillary renal cell carcinoma (translocation-associated) (PRCC), transcript varia
"Homo sapiens prolylcarboxypeptidase (angiotensinase C) (PRCP), transcript variant 1, mRNA."
"Homo sapiens PR domain containing 1, with ZNF domain (PRDM1), transcript variant 2, mRNA
"Homo sapiens PR domain containing 10 (PRDM10), transcript variant 1, mRNA."
"Homo sapiens PR domain containing 15 (PRDM15), transcript variant 2, mRNA."
"Homo sapiens PR domain containing 4 (PRDM4), mRNA."
"Homo sapiens PR domain containing 7 (PRDM7), transcript variant 1, mRNA."
"Homo sapiens PR domain containing 8 (PRDM8), transcript variant 1, mRNA."
"Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 2, mRNA."
"Homo sapiens peroxiredoxin 2 (PRDX2), nuclear gene encoding mitochondrial protein, transcri
"Homo sapiens peroxiredoxin 3 (PRDX3), nuclear gene encoding mitochondrial protein, transcri
"Homo sapiens peroxiredoxin 4 (PRDX4), mRNA."
"Homo sapiens peroxiredoxin 5 (PRDX5), nuclear gene encoding mitochondrial protein, transcri
"Homo sapiens peroxiredoxin 6 (PRDX6), mRNA."
"Homo sapiens prolactin regulatory element binding (PREB), mRNA."
"Homo sapiens preimplantation protein 3 (PREI3), transcript variant 2, mRNA."
"Homo sapiens PRELI domain containing 1 (PRELID1), mRNA."
"Homo sapiens proline/arginine-rich end leucine-rich repeat protein (PRELP), transcript variant 1
"Homo sapiens prolyl endopeptidase (PREP), mRNA."
"Homo sapiens prolyl endopeptidase-like (PREPL), transcript variant C, mRNA."
"Homo sapiens phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 (PRE
"Homo sapiens perforin 1 (pore forming protein) (PRF1), transcript variant 1, mRNA."
"Homo sapiens proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule maj
"Homo sapiens proteoglycan 4 (PRG4), transcript variant C, mRNA."
"Homo sapiens peroxisomal proliferator-activated receptor A interacting complex 285 (PRIC285
"Homo sapiens prickle homolog 1 (Drosophila) (PRICKLE1), mRNA."
"Homo sapiens prickle homolog 2 (Drosophila) (PRICKLE2), mRNA."
"Homo sapiens prickle homolog 4 (Drosophila) (PRICKLE4), mRNA."
"Homo sapiens primase, DNA, polypeptide 1 (49kDa) (PRIM1), mRNA."
"Homo sapiens primase, DNA, polypeptide 2 (58kDa) (PRIM2), mRNA."

"PREDICTED: Homo sapiens primase, polypeptide 2A, 58kDa (PRIM2A), mRNA."
"Homo sapiens protein kinase, AMP-activated, alpha 1 catalytic subunit (PRKAA1), transcript va
"Homo sapiens protein kinase, AMP-activated, beta 1 non-catalytic subunit (PRKAB1), mRNA."
"Homo sapiens protein kinase, AMP-activated, beta 2 non-catalytic subunit (PRKAB2), mRNA."
"Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 3,
"Homo sapiens protein kinase, AMP-activated, gamma 1 non-catalytic subunit (PRKAG1), trans
"Homo sapiens protein kinase, AMP-activated, gamma 2 non-catalytic subunit (PRKAG2), trans
"Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific exting
"Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, beta (PRKAR1B), mRNA."
"Homo sapiens protein kinase, cAMP-dependent, regulatory, type II, beta (PRKAR2B), mRNA."
"Homo sapiens protein kinase C, alpha (PRKCA), mRNA."
"Homo sapiens protein kinase C, alpha binding protein (PRKCABP), mRNA."
"Homo sapiens protein kinase C, beta (PRKCB), transcript variant 1, mRNA."
"Homo sapiens protein kinase C, beta 1 (PRKCB1), transcript variant 1, mRNA."
"Homo sapiens protein kinase C, delta (PRKCD), transcript variant 1, mRNA."
"Homo sapiens protein kinase C, epsilon (PRKCE), mRNA."
"Homo sapiens protein kinase C, eta (PRKCH), mRNA."
"Homo sapiens protein kinase C, iota (PRKCI), mRNA."
"Homo sapiens protein kinase C, theta (PRKCQ), mRNA."
"Homo sapiens protein kinase C substrate 80K-H (PRKCSH), transcript variant 2, mRNA."
"Homo sapiens protein kinase C, zeta (PRKCZ), transcript variant 2, mRNA."
"Homo sapiens protein kinase D1 (PRKD1), mRNA."
"Homo sapiens protein kinase D2 (PRKD2), mRNA."
"Homo sapiens protein kinase D3 (PRKD3), mRNA."
"Homo sapiens protein kinase, DNA-activated, catalytic polypeptide (PRKDC), transcript variant
"Homo sapiens protein kinase, interferon-inducible double stranded RNA dependent activator (F
"Homo sapiens protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, re
"Homo sapiens protein kinase, X-linked (PRKX), mRNA."
"Homo sapiens protein kinase, Y-linked (PRKY), mRNA."
"Homo sapiens prolactin (PRL), mRNA."
"Homo sapiens prolactin releasing hormone (PRLH), mRNA."
"Homo sapiens protamine 1 (PRM1), mRNA."
"Homo sapiens protein arginine methyltransferase 1 (PRMT1), transcript variant 2, mRNA."
"Homo sapiens protein arginine methyltransferase 10 (putative) (PRMT10), mRNA."
"Homo sapiens protein arginine methyltransferase 2 (PRMT2), transcript variant 1, mRNA."
"Homo sapiens protein arginine methyltransferase 3 (PRMT3), mRNA."
"Homo sapiens protein arginine methyltransferase 5 (PRMT5), transcript variant 1, mRNA."
"Homo sapiens protein arginine methyltransferase 6 (PRMT6), mRNA."
"Homo sapiens protein arginine methyltransferase 7 (PRMT7), mRNA."
"Homo sapiens protein arginine methyltransferase 8 (PRMT8), mRNA."
"Homo sapiens prion protein (PRNP), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens prion protein interacting protein, transcript variant 4 (PRNPIP), mF
"Homo sapiens protein C (inactivator of coagulation factors Va and VIIIa) (PROC), mRNA."
"Homo sapiens protein interacting with cyclin A1 (PROCA1), mRNA."

"Homo sapiens protein C receptor, endothelial (EPCR) (PROCR), mRNA."
"Homo sapiens prokineticin 1 (PROK1), mRNA."
"Homo sapiens prokineticin 2 (PROK2), mRNA."
"Homo sapiens proline rich, lacrimal 1 (PROL1), mRNA."
"Homo sapiens prominin 1 (PROM1), mRNA."
"Homo sapiens protein S (alpha) (PROS1), mRNA."
"Homo sapiens ProSAPiP1 protein (ProSAPiP1), mRNA."
"Homo sapiens proline synthetase co-transcribed homolog (bacterial) (PROSC), mRNA."
"Homo sapiens prospero homeobox 2 (PROX2), mRNA."
"Homo sapiens PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae) (PRPF18), mRI
"Homo sapiens PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae) (PRPF19
"Homo sapiens PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae) (PRPF3), mRNA.'
"Homo sapiens PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae) (PRPF31), mRI
"Homo sapiens PRP38 pre-mRNA processing factor 38 (yeast) domain containing A (PRPF38A
"Homo sapiens PRP38 pre-mRNA processing factor 38 (yeast) domain containing B (PRPF38B
"Homo sapiens PRP4 pre-mRNA processing factor 4 homolog (yeast) (PRPF4), mRNA."
"Homo sapiens PRP4 pre-mRNA processing factor 4 homolog B (yeast) (PRPF4B), transcript va
"Homo sapiens PRP6 pre-mRNA processing factor 6 homolog (S. cerevisiae) (PRPF6), mRNA.'
"Homo sapiens PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae) (PRPF8), mRNA.'
"Homo sapiens peripherin (PRPH), mRNA."
"Homo sapiens phosphoribosyl pyrophosphate synthetase 1 (PRPS1), mRNA."
"Homo sapiens phosphoribosyl pyrophosphate synthetase 2 (PRPS2), transcript variant 1, mRN
"Homo sapiens phosphoribosyl pyrophosphate synthetase-associated protein 1 (PRPSAP1), mF
"Homo sapiens phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPSAP2), mF
"Homo sapiens proline rich 10 (PRR10), mRNA."
"Homo sapiens proline rich 11 (PRR11), mRNA."
"Homo sapiens proline rich 12 (PRR12), mRNA."
"Homo sapiens proline rich 13 (PRR13), transcript variant 3, mRNA."
"Homo sapiens proline rich 14 (PRR14), mRNA."
"Homo sapiens proline rich 15-like (PRR15L), mRNA."
"Homo sapiens proline rich 16 (PRR16), mRNA."
"Homo sapiens proline rich 17 (PRR17), mRNA."
"Homo sapiens proline rich 19 (PRR19), mRNA."
"Homo sapiens proline rich 20C (PRR20C), mRNA."
"Homo sapiens proline rich 20E (PRR20E), mRNA."
"Homo sapiens proline rich 22 (PRR22), transcript variant 2, mRNA."
"Homo sapiens proline rich 3 (PRR3), transcript variant 2, mRNA."
"Homo sapiens proline rich 4 (lacrimal) (PRR4), transcript variant 1, mRNA."
"Homo sapiens proline rich 5 (renal) (PRR5), transcript variant 4, mRNA."
"Homo sapiens proline rich 7 (synaptic) (PRR7), mRNA."
"Homo sapiens proline rich 8 (PRR8), mRNA."
"Homo sapiens proline-rich coiled-coil 1 (PRRC1), mRNA."
"Homo sapiens proline rich Gla (G-carboxyglutamic acid) 2 (PRRG2), mRNA."
"Homo sapiens proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane) (PRRG4), mRNA.'

"Homo sapiens proline-rich transmembrane protein 1 (PRRT1), mRNA."
"Homo sapiens proline-rich transmembrane protein 2 (PRRT2), mRNA."
"Homo sapiens proline-rich transmembrane protein 3 (PRRT3), mRNA."
"Homo sapiens paired related homeobox 2 (PRRX2), mRNA."
"Homo sapiens protease, serine, 12 (neurotrypsin, motopsin) (PRSS12), mRNA."
"Homo sapiens protease, serine, 21 (testisin) (PRSS21), transcript variant 2, mRNA."
"Homo sapiens protease, serine, 35 (PRSS35), mRNA."
"Homo sapiens protease, serine, 7 (enterokinase) (PRSS7), mRNA."
"Homo sapiens prune homolog (Drosophila) (PRUNE), mRNA."
"Homo sapiens PTPN13-like, Y-linked (PRY), mRNA."
"Homo sapiens prosaposin (PSAP), transcript variant 2, mRNA."
"Homo sapiens prosaposin-like 1 (PSAPL1), mRNA."
"Homo sapiens prostate stem cell antigen (PSCA), mRNA."
"Homo sapiens pleckstrin homology, Sec7 and coiled-coil domains 1(cytohesin 1) (PSCD1), trar
"Homo sapiens pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2) (PSCD2), tra
"Homo sapiens pleckstrin homology, Sec7 and coiled-coil domains 4 (PSCD4), mRNA."
"Homo sapiens pleckstrin homology, Sec7 and coiled-coil domains, binding protein (PSCDBP), r
"Homo sapiens pleckstrin and Sec7 domain containing (PSD), mRNA."
"Homo sapiens pleckstrin and Sec7 domain containing 3 (PSD3), transcript variant 2, mRNA."
"Homo sapiens pleckstrin and Sec7 domain containing 4 (PSD4), mRNA."
"Homo sapiens presenilin 2 (Alzheimer disease 4) (PSEN2), transcript variant 2, mRNA."
"Homo sapiens presenilin enhancer 2 homolog (C. elegans) (PSENEN), mRNA."
"Homo sapiens pregnancy specific beta-1-glycoprotein 2 (PSG2), mRNA."
"Homo sapiens pregnancy specific beta-1-glycoprotein 3 (PSG3), mRNA."
"Homo sapiens PC4 and SFRS1 interacting protein 1 (PSIP1), transcript variant 1, mRNA."
"Homo sapiens TPTE pseudogene (psiTPTE22), non-coding RNA."
"Homo sapiens protein serine kinase H1 (PSKH1), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 1 (PSMA1), transcript va
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3), transcript va
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 4 (PSMA4), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 5 (PSMA5), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 7 (PSMA7), transcript va
"Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 8 (PSMA8), transcript va
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 10 (PSMB10), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 2 (PSMB2), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 3 (PSMB3), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 4 (PSMB4), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 5 (PSMB5), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 6 (PSMB6), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 7 (PSMB7), mRNA."
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional pe
"Homo sapiens proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional pe

"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 1 (PSMC1), mRNA."
"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 2 (PSMC2), mRNA."
"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 3 (PSMC3), mRNA."
"Homo sapiens PSMC3 interacting protein (PSMC3IP), transcript variant 1, mRNA."
"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 4 (PSMC4), transcript
"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 5 (PSMC5), mRNA."
"Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 6 (PSMC6), mRNA."
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 1 (PSMD1), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10), tra
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 (PSMD11), mI
"PREDICTED: Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 12
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 (PSMD14), mI
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 2 (PSMD2), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 3 (PSMD3), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 (PSMD4), trans
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 (PSMD5), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 6 (PSMD6), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (PSMD7), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 8 (PSMD8), mRN
"Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 (PSMD9), mRN
"Homo sapiens proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1), tr
"Homo sapiens proteasome (prosome, macropain) activator subunit 2 (PA28 beta) (PSME2), mI
"Homo sapiens proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) (PSME
"Homo sapiens proteasome (prosome, macropain) inhibitor subunit 1 (PI31) (PSMF1), transcript
"Homo sapiens proteasome (prosome, macropain) assembly chaperone 1 (PSMG1), transcript v
"Homo sapiens proteasome (prosome, macropain) assembly chaperone 2 (PSMG2), mRNA."
"Homo sapiens proteasome (prosome, macropain) assembly chaperone 3 (PSMG3), mRNA."
"Homo sapiens proteasome (prosome, macropain) assembly chaperone 4 (PSMG4), transcript v
"Homo sapiens psoriasis susceptibility 1 candidate 1 (PSORS1C1), mRNA."
"Homo sapiens psoriasis susceptibility 1 candidate 3 (non-protein coding) (PSORS1C3), non-co
"Homo sapiens paraspeckle component 1 (PSPC1), transcript variant beta, transcribed RNA."
"Homo sapiens phosphoserine phosphatase (PSPH), mRNA."
"Homo sapiens proline/serine-rich coiled-coil 1 (PSRC1), transcript variant 4, mRNA."
"Homo sapiens phosphoseryl-tRNA kinase (PSTK), mRNA."
"Homo sapiens proline-serine-threonine phosphatase interacting protein 1 (PSTPIP1), mRNA."
"Homo sapiens proline-serine-threonine phosphatase interacting protein 2 (PSTPIP2), mRNA."
"Homo sapiens platelet-activating factor receptor (PTAFR), mRNA."
"Homo sapiens protein prenyltransferase alpha subunit repeat containing 1 (PTAR1), mRNA."
"Homo sapiens polypyrimidine tract binding protein 1 (PTBP1), transcript variant 4, mRNA."
"Homo sapiens polypyrimidine tract binding protein 2 (PTBP2), mRNA."
"Homo sapiens pentatricopeptide repeat domain 1 (PTCD1), mRNA."
"Homo sapiens pentatricopeptide repeat domain 2 (PTCD2), mRNA."
"Homo sapiens Pentatricopeptide repeat domain 3 (PTCD3), mRNA."
"Homo sapiens patched homolog 1 (Drosophila) (PTCH1), transcript variant 1c', mRNA."

"Homo sapiens pre T-cell antigen receptor alpha (PTCRA), mRNA."
"Homo sapiens phosphatidylserine synthase 1 (PTDSS1), mRNA."
"Homo sapiens phosphatidylserine synthase 2 (PTDSS2), mRNA."
"Homo sapiens phosphatase and tensin homolog (PTEN), mRNA."
"Homo sapiens pancreas specific transcription factor, 1a (PTF1A), mRNA."
"Homo sapiens prostaglandin D2 synthase 21kDa (brain) (PTGDS), mRNA."
"Homo sapiens prostaglandin E receptor 4 (subtype EP4) (PTGER4), mRNA."
"Homo sapiens prostaglandin E synthase (PTGES), mRNA."
"Homo sapiens prostaglandin E synthase 2 (PTGES2), transcript variant 2, mRNA."
"Homo sapiens prostaglandin E synthase 3 (cytosolic) (PTGES3), mRNA."
"Homo sapiens prostaglandin F receptor (FP) (PTGFR), transcript variant 2, mRNA."
"Homo sapiens prostaglandin I2 (prostacyclin) synthase (PTGIS), mRNA."
"Homo sapiens prostaglandin reductase 1 (PTGR1), mRNA."
"Homo sapiens prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclo
"Homo sapiens parathyroid hormone 2 (PTH2), mRNA."
"Homo sapiens parathyroid hormone 2 receptor (PTH2R), mRNA."
"Homo sapiens PTK2 protein tyrosine kinase 2 (PTK2), transcript variant 1, mRNA."
"Homo sapiens PTK2B protein tyrosine kinase 2 beta (PTK2B), transcript variant 3, mRNA."
"Homo sapiens PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-2, mRNA."
"Homo sapiens PTK9 protein tyrosine kinase 9 (PTK9), transcript variant 2, mRNA."
"Homo sapiens prothymosin, alpha (PTMA), transcript variant 1, mRNA."
"Homo sapiens parathymosin (PTMS), mRNA."
"Homo sapiens prostate tumor overexpressed 1 (PTOV1), mRNA."
"PREDICTED: Homo sapiens protein tyrosine phosphatase type IVA, member 2, transcript varia
"PREDICTED: Homo sapiens protein tyrosine phosphatase type IVA, member 3, transcript varia
"Homo sapiens protein tyrosine phosphatase-like (proline instead of catalytic arginine), member
"Homo sapiens protein tyrosine phosphatase-like A domain containing 1 (PTPLAD1), mRNA."
"Homo sapiens protein tyrosine phosphatase-like (proline instead of catalytic arginine), member
"Homo sapiens protein tyrosine phosphatase, mitochondrial 1 (PTPMT1), nuclear gene encodin
"Homo sapiens protein tyrosine phosphatase, non-receptor type 1 (PTPN1), mRNA."
"Homo sapiens protein tyrosine phosphatase, non-receptor type 11 (PTPN11), mRNA."
"Homo sapiens protein tyrosine phosphatase, non-receptor type 12 (PTPN12), mRNA."
"Homo sapiens protein tyrosine phosphatase, non-receptor type 18 (brain-derived) (PTPN18), m
"Homo sapiens protein tyrosine phosphatase, non-receptor type 2 (PTPN2), transcript variant 1,
"PREDICTED: Homo sapiens protein tyrosine phosphatase, non-receptor type 20 (PTPN20), mR
"Homo sapiens protein tyrosine phosphatase, non-receptor type 21 (PTPN21), mRNA."
"Homo sapiens protein tyrosine phosphatase, non-receptor type 22 (lymphoid) (PTPN22), trans
"Homo sapiens protein tyrosine phosphatase, non-receptor type 3 (PTPN3), mRNA."
"Homo sapiens protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte) (PTPN4), m
"Homo sapiens protein tyrosine phosphatase, non-receptor type 6 (PTPN6), transcript variant 2,
"Homo sapiens protein tyrosine phosphatase, non-receptor type 7 (PTPN7), transcript variant 2,
"PREDICTED: Homo sapiens protein tyrosine phosphatase, non-receptor type 9 (PTPN9), mRN
"Homo sapiens protein tyrosine phosphatase, receptor type, A (PTPRA), transcript variant 1, mR
"Homo sapiens protein tyrosine phosphatase, receptor type, C (PTPRC), transcript variant 1, mR

"Homo sapiens protein tyrosine phosphatase, receptor type, C-associated protein (PTPRCAP),
"Homo sapiens protein tyrosine phosphatase, receptor type, E (PTPRE), transcript variant 2, mF
"Homo sapiens protein tyrosine phosphatase, receptor type, F (PTPRF), transcript variant 2, mF
"Homo sapiens protein tyrosine phosphatase, receptor type, G (PTPRG), mRNA."
"Homo sapiens protein tyrosine phosphatase, receptor type, H (PTPRH), mRNA."
"Homo sapiens protein tyrosine phosphatase, receptor type, J (PTPRJ), mRNA."
"Homo sapiens protein tyrosine phosphatase, receptor type, O (PTPRO), transcript variant 5, mI
"Homo sapiens protein tyrosine phosphatase, receptor type, U (PTPRU), transcript variant 3, mF
"Homo sapiens protein tyrosine phosphatase, receptor type, V (pseudogene) (PTPRV), non-cod
"Homo sapiens polymerase I and transcript release factor (PTRF), mRNA."
"Homo sapiens peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae) (PTRH1), mRNA."
"Homo sapiens peptidyl-tRNA hydrolase 2 (PTRH2), nuclear gene encoding mitochondrial prote
"Homo sapiens 6-pyruvoyltetrahydropterin synthase (PTS), mRNA."
"Homo sapiens pituitary tumor-transforming 1 (PTTG1), mRNA."
"Homo sapiens pituitary tumor-transforming 1 interacting protein (PTTG1IP), mRNA."
"Homo sapiens pituitary tumor-transforming 3 (pseudogene) (PTTG3P), non-coding RNA."
"Homo sapiens poly-U binding splicing factor 60KDa (PUF60), transcript variant 2, mRNA."
"Homo sapiens pumilio homolog 1 (Drosophila) (PUM1), transcript variant 1, mRNA."
"Homo sapiens pumilio homolog 2 (Drosophila) (PUM2), mRNA."
"Homo sapiens purine-rich element binding protein A (PURA), mRNA."
"Homo sapiens purine-rich element binding protein B (PURB), mRNA."
"Homo sapiens pseudouridylate synthase 1 (PUS1), transcript variant 2, mRNA."
"Homo sapiens pseudouridylate synthase 10 (PUS10), mRNA."
"Homo sapiens pseudouridylate synthase 3 (PUS3), mRNA."
"Homo sapiens pseudouridylate synthase 7 homolog (S. cerevisiae) (PUS7), mRNA."
"Homo sapiens pseudouridylate synthase 7 homolog (S. cerevisiae)-like (PUS7L), transcript var
"Homo sapiens pseudouridylate synthase-like 1 (PUSL1), mRNA."
"Homo sapiens poliovirus receptor (PVR), mRNA."
"Homo sapiens poliovirus receptor related immunoglobulin domain containing (PVRIG), mRNA."
"Homo sapiens poliovirus receptor-related 2 (herpesvirus entry mediator B) (PVRL2), transcript
"Homo sapiens poliovirus receptor-related 3 (PVRL3), mRNA."
"Homo sapiens Pvt1 oncogene (non-protein coding) (PVT1), non-coding RNA."
"Homo sapiens PWP1 homolog (S. cerevisiae) (PWP1), mRNA."
"Homo sapiens PWP2 periodic tryptophan protein homolog (yeast) (PWP2), mRNA."
"PREDICTED: Homo sapiens PWWP domain containing 2 (PWWP2), mRNA."
"Homo sapiens PWWP domain containing 2A (PWWP2A), mRNA."
"Homo sapiens PWWP domain containing 2B (PWWP2B), transcript variant 1, mRNA."
"Homo sapiens peroxidasin homolog (Drosophila) (PXDN), mRNA. XM_935183 XM_935184 XM
"Homo sapiens PX domain containing serine/threonine kinase (PXK), mRNA."
"PREDICTED: Homo sapiens peroxisomal membrane protein 2, 22kDa (PXMP2), mRNA."
"Homo sapiens peroxisomal membrane protein 3, 35kDa (PXMP3), transcript variant 1, mRNA."
"Homo sapiens peroxisomal membrane protein 4, 24kDa (PXMP4), transcript variant 2, mRNA."
"Homo sapiens paxillin (PXN), mRNA."
"Homo sapiens PYD and CARD domain containing (PYCARD), transcript variant 1, mRNA."

"Homo sapiens pyrroline-5-carboxylate reductase 1 (PYCR1), transcript variant 1, mRNA."
"Homo sapiens pyrroline-5-carboxylate reductase family, member 2 (PYCR2), mRNA."
"Homo sapiens pyrroline-5-carboxylate reductase-like (PYCRL), mRNA."
"Homo sapiens pyrin domain containing 2 (PYDC2), mRNA."
"Homo sapiens phosphorylase, glycogen; brain (PYGB), mRNA."
"Homo sapiens phosphorylase, glycogen, liver (PYGL), mRNA."
"Homo sapiens pygopus homolog 1 (Drosophila) (PYGO1), mRNA."
"Homo sapiens pygopus homolog 2 (Drosophila) (PYGO2), mRNA."
"Homo sapiens pyrin and HIN domain family, member 1 (PYHIN1), transcript variant b2, mRNA.
"Homo sapiens pyridine nucleotide-disulphide oxidoreductase domain 1 (PYROXD1), mRNA."
"Homo sapiens pregnancy-zone protein (PZP), mRNA."
"Homo sapiens glutaminyl-tRNA synthetase (QARS), mRNA."
"Homo sapiens quinoid dihydropteridine reductase (QDPR), mRNA."
"PREDICTED: Homo sapiens quaking homolog, KH domain RNA binding (mouse), transcript va
"Homo sapiens glutaminyl-peptide cyclotransferase (QPCT), mRNA."
"Homo sapiens glutaminyl-peptide cyclotransferase-like (QPCTL), mRNA."
"Homo sapiens quinolinate phosphoribosyltransferase (QPRT), mRNA."
"Homo sapiens pyroglutamylated RFamide peptide receptor (QRFPR), mRNA."
"Homo sapiens glutamine-rich 1 (QRICH1), transcript variant 1, mRNA."
"Homo sapiens glutamine rich 2 (QRICH2), mRNA."
"Homo sapiens glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 (QRSL1), mRNA."
"Homo sapiens quiescin Q6 sulfhydryl oxidase 1 (QSOX1), transcript variant 1, mRNA."
"Homo sapiens quiescin Q6 sulfhydryl oxidase 2 (QSOX2), mRNA."
"Homo sapiens queuine tRNA-ribosyltransferase 1 (QTRT1), mRNA."
"Homo sapiens queuine tRNA-ribosyltransferase domain containing 1 (QTRTD1), mRNA."
"PREDICTED: Homo sapiens R3H domain and coiled-coil containing 1 (R3HCC1), mRNA."
"Homo sapiens R3H domain containing 1 (R3HDM1), mRNA."
"Homo sapiens R3H domain containing 2 (R3HDM2), mRNA."
"Homo sapiens RAB10, member RAS oncogene family (RAB10), mRNA."
"Homo sapiens RAB11A, member RAS oncogene family (RAB11A), mRNA."
"Homo sapiens RAB11B, member RAS oncogene family (RAB11B), mRNA."
"Homo sapiens RAB11 family interacting protein 1 (class I) (RAB11FIP1), transcript variant 2, m
"Homo sapiens RAB11 family interacting protein 2 (class I) (RAB11FIP2), mRNA."
"Homo sapiens RAB11 family interacting protein 3 (class II) (RAB11FIP3), mRNA."
"Homo sapiens RAB11 family interacting protein 4 (class II) (RAB11FIP4), mRNA."
"Homo sapiens RAB11 family interacting protein 5 (class I) (RAB11FIP5), mRNA."
"Homo sapiens RAB12, member RAS oncogene family (RAB12), mRNA."
"Homo sapiens RAB13, member RAS oncogene family (RAB13), mRNA."
"Homo sapiens RAB15, member RAS onocogene family (RAB15), mRNA."
"Homo sapiens RAB17, member RAS oncogene family (RAB17), mRNA."
"Homo sapiens RAB1A, member RAS oncogene family (RAB1A), mRNA."
"Homo sapiens RAB1B, member RAS oncogene family (RAB1B), mRNA."
"PREDICTED: Homo sapiens small GTP-binding protein, transcript variant 1 (rab1c), mRNA."
"Homo sapiens RAB20, member RAS oncogene family (RAB20), mRNA."

"Homo sapiens RAB21, member RAS oncogene family (RAB21), mRNA."
"Homo sapiens RAB22A, member RAS oncogene family (RAB22A), mRNA."
"Homo sapiens RAB23, member RAS oncogene family (RAB23), transcript variant 2, mRNA."
"Homo sapiens RAB24, member RAS oncogene family (RAB24), transcript variant 1, mRNA."
"Homo sapiens RAB25, member RAS oncogene family (RAB25), mRNA."
"Homo sapiens RAB26, member RAS oncogene family (RAB26), mRNA."
"Homo sapiens RAB28, member RAS oncogene family (RAB28), transcript variant 1, mRNA."
"Homo sapiens RAB2B, member RAS oncogene family (RAB2B), mRNA."
"Homo sapiens RAB30, member RAS oncogene family (RAB30), mRNA."
"Homo sapiens RAB31, member RAS oncogene family (RAB31), mRNA."
"Homo sapiens RAB33A, member RAS oncogene family (RAB33A), mRNA."
"Homo sapiens RAB33B, member RAS oncogene family (RAB33B), mRNA."
"Homo sapiens RAB34, member RAS oncogene family (RAB34), mRNA."
"Homo sapiens RAB37, member RAS oncogene family (RAB37), transcript variant 3, mRNA."
"Homo sapiens RAB38, member RAS oncogene family (RAB38), mRNA."
"Homo sapiens RAB39B, member RAS oncogene family (RAB39B), mRNA."
"Homo sapiens RAB3A, member RAS oncogene family (RAB3A), mRNA."
"Homo sapiens RAB3B, member RAS oncogene family (RAB3B), mRNA."
"Homo sapiens RAB3C, member RAS oncogene family (RAB3C), mRNA."
"Homo sapiens RAB3D, member RAS oncogene family (RAB3D), mRNA."
"Homo sapiens RAB3 GTPase activating protein subunit 2 (non-catalytic) (RAB3GAP2), mRNA.
"Homo sapiens RAB3A interacting protein (rabin3) (RAB3IP), transcript variant beta 1, mRNA."
"Homo sapiens RAB40B, member RAS oncogene family (RAB40B), mRNA."
"Homo sapiens RAB40C, member RAS oncogene family (RAB40C), mRNA."
"Homo sapiens RAB42, member RAS oncogene family (RAB42), mRNA."
"Homo sapiens RAB43, member RAS oncogene family (RAB43), mRNA."
"Homo sapiens RAB4A, member RAS oncogene family (RAB4A), mRNA."
"Homo sapiens RAB4B, member RAS oncogene family (RAB4B), mRNA."
"Homo sapiens RAB5A, member RAS oncogene family (RAB5A), mRNA."
"Homo sapiens RAB5B, member RAS oncogene family (RAB5B), mRNA."
"Homo sapiens RAB5C, member RAS oncogene family (RAB5C), transcript variant 1, mRNA."
"Homo sapiens RAB6A, member RAS oncogene family (RAB6A), transcript variant 1, mRNA."
"Homo sapiens RAB6B, member RAS oncogene family (RAB6B), mRNA."
"Homo sapiens RAB7A, member RAS oncogene family (RAB7A), mRNA."
"Homo sapiens RAB7, member RAS oncogene family-like 1 (RAB7L1), mRNA."
"Homo sapiens RAB8A, member RAS oncogene family (RAB8A), mRNA."
"Homo sapiens RAB8B, member RAS oncogene family (RAB8B), mRNA."
"Homo sapiens RAB9A, member RAS oncogene family (RAB9A), mRNA."
"Homo sapiens Rab acceptor 1 (prenylated) (RABAC1), mRNA."
"Homo sapiens rabaptin, RAB GTPase binding effector protein 1 (RABEP1), transcript variant 2
"Homo sapiens rabaptin, RAB GTPase binding effector protein 2 (RABEP2), mRNA."
"Homo sapiens Rab9 effector protein with kelch motifs (RABEPK), mRNA."
"Homo sapiens RAB GTPase activating protein 1 (RABGAP1), mRNA."
"Homo sapiens RAB GTPase activating protein 1-like (RABGAP1L), transcript variant 2, mRNA.

"Homo sapiens RAB guanine nucleotide exchange factor (GEF) 1 (RABGEF1), mRNA."
"Homo sapiens Rab geranylgeranyltransferase, alpha subunit (RABGGTA), transcript variant 1,
"Homo sapiens Rab geranylgeranyltransferase, beta subunit (RABGGTB), mRNA."
"Homo sapiens RAB, member of RAS oncogene family-like 2A (RABL2A), transcript variant 2, n
"Homo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B), transcript variant 1, n
"Homo sapiens RAB, member of RAS oncogene family-like 3 (RABL3), mRNA."
"Homo sapiens RAB, member of RAS oncogene family-like 4 (RABL4), mRNA."
"Homo sapiens RAB, member RAS oncogene family-like 5 (RABL5), mRNA."
"Homo sapiens ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protei
"Homo sapiens ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protei
"Homo sapiens ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protei
"Homo sapiens Rac GTPase activating protein 1 (RACGAP1), mRNA."
"Homo sapiens RAD1 homolog (S. pombe) (RAD1), transcript variant 3, mRNA."
"Homo sapiens RAD17 homolog (S. pombe) (RAD17), transcript variant 8, mRNA."
"Homo sapiens RAD18 homolog (S. cerevisiae) (RAD18), mRNA."
"Homo sapiens RAD21 homolog (S. pombe) (RAD21), mRNA."
"Homo sapiens RAD23 homolog A (S. cerevisiae) (RAD23A), mRNA."
"Homo sapiens RAD23 homolog B (S. cerevisiae) (RAD23B), mRNA."
"Homo sapiens RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae) (RAD51), transcript var
"Homo sapiens RAD51 associated protein 1 (RAD51AP1), mRNA."
"Homo sapiens RAD51 associated protein 2 (RAD51AP2), mRNA."
"Homo sapiens RAD51 homolog C (S. cerevisiae) (RAD51C), transcript variant 1, mRNA."
"Homo sapiens RAD51-like 3 (S. cerevisiae) (RAD51L3), transcript variant 1, mRNA."
"Homo sapiens RAD54 homolog B (S. cerevisiae) (RAD54B), mRNA."
"Homo sapiens RAD54-like (S. cerevisiae) (RAD54L), mRNA."
"Homo sapiens RAD54-like 2 (S. cerevisiae) (RAD54L2), mRNA."
"Homo sapiens RAD9 homolog A (S. pombe) (RAD9A), mRNA."
"Homo sapiens Ras association and DIL domains (RADIL), mRNA."
"Homo sapiens RAE1 RNA export 1 homolog (S. pombe) (RAE1), transcript variant 1, mRNA."
"Homo sapiens retinoic acid early transcript 1E (RAET1E), mRNA."
"Homo sapiens retinoic acid early transcript 1G (RAET1G), mRNA."
"Homo sapiens v-raf-1 murine leukemia viral oncogene homolog 1 (RAF1), mRNA."
"Homo sapiens recombination activating gene 1 (RAG1), mRNA."
"Homo sapiens recombination activating gene 1 activating protein 1 (RAG1AP1), mRNA."
"Homo sapiens renal tumor antigen (RAGE), mRNA."
"Homo sapiens retinoic acid induced 1 (RAI1), mRNA."
"Homo sapiens retinoic acid induced 2 (RAI2), mRNA."
"Homo sapiens v-ral simian leukemia viral oncogene homolog A (ras related) (RALA), mRNA."
"Homo sapiens v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding prote
"Homo sapiens ralA binding protein 1 (RALBP1), mRNA."
"Homo sapiens Ral GTPase activating protein, alpha subunit 1 (catalytic) (RALGAPA1), transcri
"Homo sapiens Ral GTPase activating protein, beta subunit (non-catalytic) (RALGAPB), mRNA.
"Homo sapiens Ral GEF with PH domain and SH3 binding motif 1 (RALGPS1), mRNA."
"Homo sapiens Ral GEF with PH domain and SH3 binding motif 2 (RALGPS2), transcript varian

"Homo sapiens RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homol
"Homo sapiens receptor (G protein-coupled) activity modifying protein 1 (RAMP1), mRNA."
"Homo sapiens receptor (calcitonin) activity modifying protein 2 (RAMP2), mRNA."
"Homo sapiens receptor (G protein-coupled) activity modifying protein 3 (RAMP3), mRNA."
"Homo sapiens RAN, member RAS oncogene family (RAN), mRNA."
"Homo sapiens RAN binding protein 1 (RANBP1), mRNA."
"Homo sapiens RAN binding protein 10 (RANBP10), mRNA."
"Homo sapiens RAN binding protein 2 (RANBP2), mRNA."
"Homo sapiens RAN binding protein 3 (RANBP3), transcript variant RANBP3-c, mRNA."
"Homo sapiens RAN binding protein 3-like (RANBP3L), mRNA."
"Homo sapiens RAN binding protein 6 (RANBP6), transcript variant 1, mRNA."
"Homo sapiens Ran GTPase activating protein 1 (RANGAP1), mRNA."
"Homo sapiens RAN guanine nucleotide release factor (RANGRF), mRNA."
"Homo sapiens RAP1B, member of RAS oncogene family (RAP1B), transcript variant 1, mRNA.
"Homo sapiens hCG1757335 (RAP1BL), mRNA."
"Homo sapiens RAP1 GTPase activating protein (RAP1GAP), mRNA."
"Homo sapiens RAP2A, member of RAS oncogene family (RAP2A), mRNA."
"Homo sapiens RAP2C, member of RAS oncogene family (RAP2C), mRNA."
"Homo sapiens Rap guanine nucleotide exchange factor (GEF) 1 (RAPGEF1), transcript variant
"Homo sapiens Rap guanine nucleotide exchange factor (GEF) 2 (RAPGEF2), mRNA. XM_944
"Homo sapiens Rap guanine nucleotide exchange factor (GEF) 5 (RAPGEF5), mRNA."
"Homo sapiens Rap guanine nucleotide exchange factor (GEF) 6 (RAPGEF6), mRNA."
"Homo sapiens Rap guanine nucleotide exchange factor (GEF)-like 1 (RAPGEFL1), mRNA."
"Homo sapiens retinoic acid receptor, alpha (RARA), transcript variant 2, mRNA."
"Homo sapiens retinoic acid receptor responder (tazarotene induced) 3 (RARRES3), mRNA."
"Homo sapiens arginyl-tRNA synthetase (RARS), mRNA."
"Homo sapiens arginyl-tRNA synthetase 2, mitochondrial (RARS2), nuclear gene encoding mito
"Homo sapiens RAS p21 protein activator (GTPase activating protein) 1 (RASA1), transcript var
"Homo sapiens RAS p21 protein activator 2 (RASA2), mRNA."
"Homo sapiens RAS p21 protein activator 4 (RASA4), transcript variant 1, mRNA."
"Homo sapiens RAS protein activator like 1 (GAP1 like) (RASAL1), mRNA."
"Homo sapiens RAS protein activator like 3 (RASAL3), mRNA."
"Homo sapiens RAS, dexamethasone-induced 1 (RASD1), mRNA."
"Homo sapiens RASD family, member 2 (RASD2), mRNA."
"Homo sapiens RasGEF domain family, member 1B (RASGEF1B), mRNA."
"Homo sapiens RAS guanyl releasing protein 1 (calcium and DAG-regulated) (RASGRP1), mRN
"Homo sapiens RAS guanyl releasing protein 2 (calcium and DAG-regulated) (RASGRP2), trans
"Homo sapiens RAS guanyl releasing protein 3 (calcium and DAG-regulated) (RASGRP3), mRN
"Homo sapiens Ras interacting protein 1 (RASIP1), mRNA."
"Homo sapiens RAS-like, family 10, member A (RASL10A), transcript variant 2, mRNA."
"Homo sapiens RAS-like, family 10, member B (RASL10B), mRNA."
"Homo sapiens RAS-like, family 11, member A (RASL11A), mRNA."
"Homo sapiens RAS-like, family 11, member B (RASL11B), mRNA."
"Homo sapiens Ras association (RalGDS/AF-6) domain family 1 (RASSF1), transcript variant B,

"Homo sapiens Ras association (RalGDS/AF-6) domain family 2 (RASSF2), transcript variant 1,
"Homo sapiens Ras association (RalGDS/AF-6) domain family member 3 (RASSF3), mRNA."
"Homo sapiens Ras association (RalGDS/AF-6) domain family member 4 (RASSF4), mRNA."
"Homo sapiens Ras association (RalGDS/AF-6) domain family member 5 (RASSF5), transcript
"Homo sapiens Ras association (RalGDS/AF-6) domain family member 6 (RASSF6), transcript
"Homo sapiens Ras association (RalGDS/AF-6) domain family (N-terminal) member 7 (RASSF7
"Homo sapiens RAVER1 (RAVER1), mRNA."
"Homo sapiens ribonucleoprotein, PTB-binding 2 (RAVER2), mRNA."
"Homo sapiens retina and anterior neural fold homeobox (RAX), mRNA."
"Homo sapiens retina and anterior neural fold homeobox like 1 (RAXL1), mRNA."
"Homo sapiens retinoblastoma 1 (RB1), mRNA."
"Homo sapiens RB1-inducible coiled-coil 1 (RB1CC1), transcript variant 2, mRNA."
"Homo sapiens RB-associated KRAB zinc finger (RBAK), mRNA."
"Homo sapiens retinoblastoma binding protein 4 (RBBP4), mRNA."
"Homo sapiens retinoblastoma binding protein 5 (RBBP5), mRNA."
"Homo sapiens retinoblastoma binding protein 6 (RBBP6), transcript variant 3, mRNA."
"Homo sapiens retinoblastoma binding protein 7 (RBBP7), mRNA."
"Homo sapiens retinoblastoma binding protein 8 (RBBP8), transcript variant 1, mRNA."
"Homo sapiens retinoblastoma binding protein 9 (RBBP9), mRNA."
"Homo sapiens RanBP-type and C3HC4-type zinc finger containing 1 (RBCK1), transcript variar
"Homo sapiens RNA binding motif and ELMO/CED-12 domain 1 (RBED1), mRNA."
"Homo sapiens ribokinase (RBKS), mRNA."
"Homo sapiens retinoblastoma-like 1 (p107) (RBL1), transcript variant 1, mRNA."
"Homo sapiens retinoblastoma-like 2 (p130) (RBL2), mRNA."
"PREDICTED: Homo sapiens similar to RNA binding motif protein, Y chromosome, family 2 mer
"Homo sapiens RNA binding motif protein 10 (RBM10), transcript variant 1, mRNA."
"Homo sapiens RNA binding motif protein 11 (RBM11), mRNA."
"Homo sapiens RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA."
"Homo sapiens RNA binding motif protein 12B (RBM12B), mRNA."
"Homo sapiens RNA binding motif protein 14 (RBM14), mRNA."
"Homo sapiens RNA binding motif protein 15 (RBM15), mRNA."
"Homo sapiens RNA binding motif protein 15B (RBM15B), mRNA."
"Homo sapiens RNA binding motif protein 16 (RBM16), mRNA."
"Homo sapiens RNA binding motif protein 17 (RBM17), mRNA."
"Homo sapiens RNA binding motif protein 18 (RBM18), mRNA."
"PREDICTED: Homo sapiens RNA binding motif protein 19, transcript variant 4 (RBM19), mRNA
"PREDICTED: Homo sapiens RNA binding motif protein 20 (RBM20), mRNA."
"Homo sapiens RNA binding motif protein 22 (RBM22), mRNA."
"Homo sapiens RNA binding motif protein 23 (RBM23), transcript variant 2, mRNA."
"Homo sapiens RNA binding motif protein 24 (RBM24), mRNA."
"Homo sapiens RNA binding motif protein 25 (RBM25), mRNA."
"Homo sapiens RNA binding motif protein 26 (RBM26), mRNA."
"Homo sapiens RNA binding motif protein 27 (RBM27), mRNA."
"Homo sapiens RNA binding motif protein 28 (RBM28), mRNA."

"Homo sapiens RNA binding motif (RNP1, RRM) protein 3 (RBM3), transcript variant 2, mRNA."
"Homo sapiens RNA binding motif protein 33 (RBM33), transcript variant 1, mRNA."
"Homo sapiens RNA binding motif protein 34 (RBM34), mRNA."
"Homo sapiens RNA binding motif protein 38 (RBM38), transcript variant 2, mRNA."
"Homo sapiens RNA binding motif protein 39 (RBM39), transcript variant 2, mRNA."
"Homo sapiens RNA binding motif protein 4 (RBM4), mRNA."
"Homo sapiens RNA binding motif protein 41 (RBM41), mRNA."
"Homo sapiens RNA binding motif protein 42 (RBM42), mRNA."
"Homo sapiens RNA binding motif protein 45 (RBM45), mRNA."
"Homo sapiens RNA binding motif protein 47 (RBM47), transcript variant 1, mRNA."
"Homo sapiens RNA binding motif protein 4B (RBM4B), mRNA."
"Homo sapiens RNA binding motif protein 5 (RBM5), mRNA."
"Homo sapiens RNA binding motif protein 6 (RBM6), mRNA."
"Homo sapiens RNA binding motif protein 7 (RBM7), mRNA."
"Homo sapiens RNA binding motif protein 8A (RBM8A), mRNA."
"Homo sapiens RNA binding motif protein 9 (RBM9), transcript variant 3, mRNA."
"Homo sapiens RNA binding motif, single stranded interacting protein 1 (RBMS1), transcript var
"Homo sapiens RNA binding motif, single stranded interacting protein 2 (RBMS2), mRNA."
"PREDICTED: Homo sapiens misc_RNA (RBMS2P), miscRNA."
"Homo sapiens RNA binding motif protein, X-linked (RBMX), mRNA."
"Homo sapiens RNA binding motif protein, X-linked 2 (RBMX2), mRNA."
"Homo sapiens RNA binding motif protein, Y-linked, family 1, member E (RBMY1E), mRNA."
"Homo sapiens RNA binding motif protein, Y-linked, family 2, member F pseudogene (RBMY2FI
"Homo sapiens RNA binding motif protein, Y-linked, family 3, member A pseudogene (RBMY3A
"Homo sapiens retinol binding protein 4, plasma (RBP4), mRNA."
"Homo sapiens retinol binding protein 5, cellular (RBP5), mRNA."
"Homo sapiens retinol binding protein 7, cellular (RBP7), mRNA."
"Homo sapiens recombination signal binding protein for immunoglobulin kappa J region (RBPJ),
"Homo sapiens RNA binding protein with multiple splicing 2 (RBPMS2), mRNA."
"Homo sapiens ring-box 1 (RBX1), mRNA."
"Homo sapiens ring finger and CCCH-type zinc finger domains 2 (RC3H2), mRNA."
"PREDICTED: Homo sapiens similar to Alcohol dehydrogenase class III chi chain (Glutathione-d
"Homo sapiens regulator of calcineurin 1 (RCAN1), transcript variant 3, mRNA."
"Homo sapiens regulator of calcineurin 2 (RCAN2), mRNA."
"Homo sapiens RCAN family member 3 (RCAN3), mRNA."
"Homo sapiens regulator of chromosome condensation (RCC1) and BTB (POZ) domain contain
"Homo sapiens regulator of chromosome condensation (RCC1) and BTB (POZ) domain contain
"Homo sapiens regulator of chromosome condensation 1 (RCC1), transcript variant 3, mRNA."
"Homo sapiens regulator of chromosome condensation 2 (RCC2), mRNA."
"Homo sapiens RCC1 domain containing 1 (RCCD1), transcript variant 1, mRNA."
"Homo sapiens RCE1 homolog, prenyl protein peptidase (S. cerevisiae) (RCE1), transcript varia
"Homo sapiens ring finger and CHY zinc finger domain containing 1 (RCHY1), transcript variant
"Homo sapiens RNA terminal phosphate cyclase-like 1 (RCL1), mRNA."
"Homo sapiens reticulocalbin 3, EF-hand calcium binding domain (RCN3), mRNA."

"Homo sapiens REST corepressor 1 (RCOR1), mRNA."
"Homo sapiens REST corepressor 2 (RCOR2), mRNA."
"Homo sapiens REST corepressor 3 (RCOR3), mRNA."
"Homo sapiens calcitonin gene-related peptide-receptor component protein (RCP9), mRNA."
"Homo sapiens RCSD domain containing 1 (RCSD1), mRNA."
"Homo sapiens RD RNA binding protein (RDBP), mRNA."
"Homo sapiens retinol dehydrogenase 10 (all-trans) (RDH10), mRNA."
"Homo sapiens retinol dehydrogenase 11 (all-trans/9-cis/11-cis) (RDH11), mRNA."
"Homo sapiens retinol dehydrogenase 13 (all-trans/9-cis) (RDH13), mRNA."
"Homo sapiens retinol dehydrogenase 5 (11-cis/9-cis) (RDH5), mRNA."
"Homo sapiens retinol dehydrogenase 8 (all-trans) (RDH8), mRNA."
"Homo sapiens RAD52 motif 1 (RDM1), transcript variant 2, mRNA."
"Homo sapiens radixin (RDX), mRNA."
"Homo sapiens REC8 homolog (yeast) (REC8), transcript variant 1, mRNA."
"Homo sapiens reversion-inducing-cysteine-rich protein with kazal motifs (RECK), mRNA."
"Homo sapiens RecQ protein-like (DNA helicase Q1-like) (RECQL), transcript variant 2, mRNA."
"Homo sapiens RecQ protein-like 4 (RECQL4), mRNA."
"Homo sapiens RecQ protein-like 5 (RECQL5), transcript variant 1, mRNA."
"Homo sapiens receptor accessory protein 1 (REEP1), mRNA."
"Homo sapiens receptor accessory protein 2 (REEP2), mRNA."
"Homo sapiens receptor accessory protein 3 (REEP3), mRNA."
"Homo sapiens receptor accessory protein 4 (REEP4), mRNA."
"Homo sapiens receptor accessory protein 5 (REEP5), mRNA."
"Homo sapiens receptor accessory protein 6 (REEP6), mRNA."
"Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog (avian) (REL), mRNA."
"Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog A (avian) (RELA), mRNA."
"Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog B (RELB), mRNA."
"Homo sapiens RELT-like 1 (RELL1), transcript variant 1, mRNA."
"Homo sapiens RELT-like 2 (RELL2), mRNA."
"Homo sapiens RAS (RAD and GEM)-like GTP binding 2 (REM2), mRNA."
"Homo sapiens renin binding protein (RENBP), mRNA."
"Homo sapiens RAB15 effector protein (REP15), mRNA."
"Homo sapiens replication initiator 1 (REPIN1), transcript variant 2, mRNA."
"Homo sapiens RALBP1 associated Eps domain containing 2 (REPS2), transcript variant 2, mR
"Homo sapiens RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae) (RER1), mR
"Homo sapiens arginine-glutamic acid dipeptide (RE) repeats (RERE), transcript variant 1, mRN
"Homo sapiens RAS-like, estrogen-regulated, growth inhibitor (RERG), mRNA."
"Homo sapiens RERG/RAS-like (RERGL), mRNA."
"Homo sapiens retinol saturase (all-trans-retinol 13,14-reductase) (RETSAT), mRNA."
"Homo sapiens REV1 homolog (S. cerevisiae) (REV1), transcript variant 2, mRNA."
"Homo sapiens REV3-like, catalytic subunit of DNA polymerase zeta (yeast) (REV3L), mRNA."
"Homo sapiens REX1, RNA exonuclease 1 homolog (S. cerevisiae) (REXO1), mRNA."
"Homo sapiens REX2, RNA exonuclease 2 homolog (S. cerevisiae) (REXO2), mRNA."
"Homo sapiens REX4, RNA exonuclease 4 homolog (S. cerevisiae) (REXO4), mRNA."

"Homo sapiens replication factor C (activator 1) 1, 145kDa (RFC1), mRNA."
"Homo sapiens replication factor C (activator 1) 2, 40kDa (RFC2), transcript variant 2, mRNA."
"Homo sapiens replication factor C (activator 1) 3, 38kDa (RFC3), transcript variant 1, mRNA."
"Homo sapiens replication factor C (activator 1) 4, 37kDa (RFC4), transcript variant 2, mRNA."
"Homo sapiens replication factor C (activator 1) 5, 36.5kDa (RFC5), transcript variant 2, mRNA."
"Homo sapiens Rieske (Fe-S) domain containing (RFESD), mRNA."
"Homo sapiens ring finger and FYVE-like domain containing 1 (RFFL), transcript variant 1, mRN
"Homo sapiens RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (RFNG), mRNA
"Homo sapiens ret finger protein (RFP), transcript variant beta, mRNA."
"Homo sapiens ret finger protein-like 2 (RFPL2), mRNA."
"Homo sapiens RFPL3 antisense RNA (non-protein coding) (RFPL3S), antisense RNA."
"PREDICTED: Homo sapiens ret finger protein-like 4A (RFPL4A), mRNA."
"Homo sapiens RFT1 homolog (S. cerevisiae) (RFT1), mRNA."
"Homo sapiens raftlin, lipid raft linker 1 (RFTN1), mRNA."
"Homo sapiens ring finger and WD repeat domain 2 (RFWD2), transcript variant 1, mRNA."
"Homo sapiens ring finger and WD repeat domain 3 (RFWD3), mRNA."
"Homo sapiens regulatory factor X, 1 (influences HLA class II expression) (RFX1), mRNA."
"Homo sapiens regulatory factor X, 2 (influences HLA class II expression) (RFX2), transcript var
"Homo sapiens regulatory factor X, 3 (influences HLA class II expression) (RFX3), transcript var
"Homo sapiens regulatory factor X, 5 (influences HLA class II expression) (RFX5), transcript var
"Homo sapiens regulatory factor X, 7 (RFX7), mRNA."
"Homo sapiens regulatory factor X-associated ankyrin-containing protein (RFXANK), transcript v
"Homo sapiens regulatory factor X domain containing 2 (RFXDC2), mRNA."
"Homo sapiens RNA (guanine-9-) methyltransferase domain containing 2 (RG9MTD2), mRNA."
"Homo sapiens RNA (guanine-9-) methyltransferase domain containing 3 (RG9MTD3), mRNA."
"Homo sapiens retrotransposon gag domain containing 4 (RGAG4), mRNA."
"Homo sapiens ral guanine nucleotide dissociation stimulator-like 1 (RGL1), mRNA."
"Homo sapiens ral guanine nucleotide dissociation stimulator-like 2 (RGL2), mRNA."
"Homo sapiens ral guanine nucleotide dissociation stimulator-like 4 (RGL4), mRNA."
"Homo sapiens RGM domain family, member A (RGMA), mRNA."
"Homo sapiens RGM domain family, member B (RGMB), transcript variant 2, mRNA."
"Homo sapiens regulator of G-protein signaling 1 (RGS1), mRNA."
"Homo sapiens regulator of G-protein signaling 10 (RGS10), transcript variant 1, mRNA."
"Homo sapiens regulator of G-protein signaling 11 (RGS11), transcript variant 1, mRNA."
"Homo sapiens regulator of G-protein signaling 13 (RGS13), transcript variant 2, mRNA."
"Homo sapiens regulator of G-protein signaling 14 (RGS14), mRNA."
"Homo sapiens regulator of G-protein signalling 16 (RGS16), mRNA."
"Homo sapiens regulator of G-protein signaling 17 (RGS17), mRNA."
"Homo sapiens regulator of G-protein signaling 18 (RGS18), mRNA."
"Homo sapiens regulator of G-protein signaling 19 (RGS19), transcript variant 1, mRNA."
"Homo sapiens regulator of G-protein signalling 2, 24kDa (RGS2), mRNA."
"Homo sapiens regulator of G-protein signalling 22 (RGS22), mRNA."
"Homo sapiens regulator of G-protein signalling 4 (RGS4), mRNA."
"Homo sapiens regulator of G protein signaling 9 binding protein (RGS9BP), mRNA."

"Homo sapiens rhomboid domain containing 1 (RHBDD1), mRNA."
"Homo sapiens rhomboid domain containing 2 (RHBDD2), transcript variant 1, mRNA."
"Homo sapiens rhomboid domain containing 3 (RHBDD3), mRNA."
"Homo sapiens rhomboid 5 homolog 1 (Drosophila) (RHBDF1), mRNA."
"Homo sapiens rhomboid 5 homolog 2 (Drosophila) (RHBDF2), transcript variant 1, mRNA."
"Homo sapiens rhomboid, veinlet-like 1 (Drosophila) (RHBDL1), mRNA."
"Homo sapiens rhomboid, veinlet-like 2 (Drosophila) (RHBDL2), mRNA."
"Homo sapiens rhomboid, veinlet-like 3 (Drosophila) (RHBDL3), mRNA."
"Homo sapiens Rh blood group, CcEe antigens (RHCE), transcript variant 4, mRNA."
"Homo sapiens Ras homolog enriched in brain like 1 (RHEBL1), mRNA."
"Homo sapiens ras homolog gene family, member A (RHOA), mRNA."
"Homo sapiens ras homolog gene family, member B (RHOB), mRNA."
"Homo sapiens Rho-related BTB domain containing 2 (RHOBTB2), mRNA."
"Homo sapiens Rho-related BTB domain containing 3 (RHOBTB3), mRNA."
"Homo sapiens ras homolog gene family, member C (RHOC), transcript variant 2, mRNA."
"Homo sapiens ras homolog gene family, member D (RHOD), mRNA."
"Homo sapiens ras homolog gene family, member F (in filopodia) (RHOF), mRNA."
"Homo sapiens ras homolog gene family, member G (rho G) (RHOG), mRNA."
"Homo sapiens ras homolog gene family, member H (RHOH), mRNA."
"Homo sapiens ras homolog gene family, member Q (RHOQ), mRNA."
"Homo sapiens ras homolog gene family, member T1 (RHOT1), transcript variant 2, mRNA."
"Homo sapiens ras homolog gene family, member T2 (RHOT2), nuclear gene encoding mitocho
"Homo sapiens ras homolog gene family, member V (RHOV), mRNA."
"Homo sapiens Rhox homeobox family, member 2B (RHOXF2B), mRNA."
"Homo sapiens rhophilin, Rho GTPase binding protein 1 (RHPN1), mRNA."
"Homo sapiens rhophilin, Rho GTPase binding protein 2 (RHPN2), mRNA."
"Homo sapiens resistance to inhibitors of cholinesterase 8 homolog A (C. elegans) (RIC8A), mR
"Homo sapiens resistance to inhibitors of cholinesterase 8 homolog B (C. elegans) (RIC8B), mR
"Homo sapiens Rho-type GTPase-activating protein RICH2 (RICH2), mRNA."
"Homo sapiens Rho GTPase-activating protein (RICS), mRNA."
"Homo sapiens RAP1 interacting factor homolog (yeast) (RIF1), mRNA."
"Homo sapiens Rab interacting lysosomal protein-like 1 (RILPL1), mRNA."
"Homo sapiens Rab interacting lysosomal protein-like 2 (RILPL2), mRNA."
"Homo sapiens ribosomal modification protein rimK-like family member B (RIMKLB), mRNA."
"Homo sapiens regulating synaptic membrane exocytosis 2 (RIMS2), transcript variant 2, mRNA
"Homo sapiens regulating synaptic membrane exocytosis 3 (RIMS3), mRNA."
"Homo sapiens Ras and Rab interactor 2 (RIN2), mRNA."
"Homo sapiens ring finger protein 1 (RING1), mRNA."
"Homo sapiens Ras and Rab interactor-like (RINL), mRNA."
"Homo sapiens RAD50 interactor 1 (RINT1), mRNA."
"Homo sapiens RIO kinase 1 (yeast) (RIOK1), transcript variant 2, mRNA."
"Homo sapiens RIO kinase 2 (yeast) (RIOK2), mRNA."
"Homo sapiens RIO kinase 3 (yeast) (RIOK3), transcript variant 1, mRNA."
"Homo sapiens receptor (TNFRSF)-interacting serine-threonine kinase 1 (RIPK1), mRNA."

"Homo sapiens receptor-interacting serine-threonine kinase 2 (RIPK2), mRNA."
"Homo sapiens receptor-interacting serine-threonine kinase 3 (RIPK3), mRNA."
"Homo sapiens receptor-interacting serine-threonine kinase 4 (RIPK4), mRNA."
"Homo sapiens receptor interacting protein kinase 5 (RIPK5), transcript variant 2, mRNA."
"Homo sapiens rearranged L-myc fusion (RLF), mRNA."
"Homo sapiens relaxin 1 (RLN1), mRNA."
"Homo sapiens relaxin 2 (RLN2), transcript variant 1, mRNA."
"Homo sapiens relaxin 3 (RLN3), mRNA."
"Homo sapiens RGD motif, leucine rich repeats, tropomodulin domain and proline-rich containin
"Homo sapiens RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae) (RMI1), mR
"Homo sapiens required for meiotic nuclear division 1 homolog (S. cerevisiae) (RMND1), mRNA
"Homo sapiens required for meiotic nuclear division 5 homolog A (S. cerevisiae) (RMND5A), mR
"Homo sapiens required for meiotic nuclear division 5 homolog B (S. cerevisiae) (RMND5B), mR
"Homo sapiens RNA component of mitochondrial RNA processing endoribonuclease (RMRP), R
"Homo sapiens RNA, 5S ribosomal 9 (RN5S9), ribosomal RNA."
"Homo sapiens RNA, 7SK small nuclear (RN7SK), non-coding RNA."
"Homo sapiens ribonuclease, RNase A family, 10 (non-active) (RNASE10), mRNA."
"Homo sapiens ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) (RNASE2
"Homo sapiens ribonuclease, RNase A family, 4 (RNASE4), transcript variant 3, mRNA."
"Homo sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9), transcript variant 7, mR
"Homo sapiens ribonuclease H1 (RNASEH1), mRNA."
"Homo sapiens ribonuclease H2, subunit A (RNASEH2A), mRNA."
"Homo sapiens ribonuclease H2, subunit B (RNASEH2B), mRNA."
"Homo sapiens ribonuclease H2, subunit C (RNASEH2C), mRNA."
"Homo sapiens ribonuclease, RNase K (RNASEK), mRNA."
"Homo sapiens ribonuclease L (2',5'-oligoisoadenylate synthetase-dependent) (RNASEL), mRN
"Homo sapiens ribonuclease III, nuclear (RNASEN), mRNA."
"Homo sapiens ribonuclease T2 (RNASET2), mRNA."
"Homo sapiens Rho family GTPase 1 (RND1), mRNA."
"Homo sapiens Rho family GTPase 2 (RND2), mRNA."
"Homo sapiens ring finger protein 10 (RNF10), mRNA."
"Homo sapiens ring finger protein 103 (RNF103), mRNA."
"Homo sapiens ring finger protein 11 (RNF11), mRNA."
"Homo sapiens ring finger protein 111 (RNF111), mRNA."
"Homo sapiens ring finger protein 114 (RNF114), mRNA."
"Homo sapiens ring finger protein 115 (RNF115), mRNA."
"Homo sapiens ring finger protein 121 (RNF121), transcript variant 1, mRNA."
"Homo sapiens ring finger protein 122 (RNF122), mRNA."
"Homo sapiens ring finger protein 123 (RNF123), mRNA."
"Homo sapiens ring finger protein 125 (RNF125), mRNA."
"Homo sapiens ring finger protein 126 (RNF126), mRNA."
"Homo sapiens ring finger protein 13 (RNF13), transcript variant 4, mRNA."
"Homo sapiens ring finger protein 130 (RNF130), mRNA."
"Homo sapiens ring finger protein 133 (RNF133), mRNA."

"Homo sapiens ring finger protein 135 (RNF135), transcript variant 2, mRNA."
"Homo sapiens ring finger protein 138 (RNF138), transcript variant 1, mRNA."
"Homo sapiens ring finger protein 14 (RNF14), transcript variant 3, mRNA."
"Homo sapiens ring finger protein 141 (RNF141), mRNA."
"Homo sapiens ring finger protein 144B (RNF144B), mRNA."
"Homo sapiens ring finger protein 145 (RNF145), mRNA."
"Homo sapiens ring finger protein 146 (RNF146), mRNA."
"Homo sapiens ring finger protein 149 (RNF149), mRNA."
"Homo sapiens ring finger protein 150 (RNF150), mRNA."
"Homo sapiens ring finger protein 152 (RNF152), mRNA."
"Homo sapiens ring finger protein 160 (RNF160), mRNA."
"Homo sapiens ring finger protein 167 (RNF167), mRNA."
"Homo sapiens ring finger protein 170 (RNF170), mRNA."
"Homo sapiens ring finger protein 175 (RNF175), mRNA."
"Homo sapiens ring finger protein 180 (RNF180), mRNA."
"Homo sapiens ring finger protein 181 (RNF181), mRNA."
"Homo sapiens ring finger protein 182 (RNF182), mRNA."
"Homo sapiens ring finger protein 183 (RNF183), mRNA."
"PREDICTED: Homo sapiens ring finger protein 187 (RNF187), mRNA."
"Homo sapiens ring finger protein 19A (RNF19A), transcript variant 2, mRNA."
"Homo sapiens ring finger protein 19B (RNF19B), mRNA."
"Homo sapiens ring finger protein 20 (RNF20), mRNA."
"Homo sapiens ring finger protein 208 (RNF208), mRNA."
"Homo sapiens ring finger protein 213 (RNF213), mRNA."
"Homo sapiens ring finger protein 215 (RNF215), mRNA."
"Homo sapiens ring finger protein 216 (RNF216), transcript variant 1, mRNA."
"Homo sapiens ring finger protein 216-like (RNF216L), transcript variant 3, non-coding RNA."
"Homo sapiens ring finger protein 220 (RNF220), mRNA."
"Homo sapiens ring finger protein 24 (RNF24), mRNA."
"Homo sapiens ring finger protein 25 (RNF25), mRNA."
"Homo sapiens ring finger protein 26 (RNF26), mRNA."
"Homo sapiens ring finger protein 31 (RNF31), mRNA."
"Homo sapiens ring finger protein 34 (RNF34), transcript variant 2, mRNA."
"Homo sapiens ring finger protein 38 (RNF38), transcript variant 1, mRNA."
"Homo sapiens ring finger protein 4 (RNF4), mRNA."
"Homo sapiens ring finger protein 40 (RNF40), mRNA."
"Homo sapiens ring finger protein 41 (RNF41), transcript variant 2, mRNA."
"Homo sapiens ring finger protein 43 (RNF43), mRNA."
"Homo sapiens ring finger protein 44 (RNF44), mRNA."
"Homo sapiens ring finger protein 5 (RNF5), mRNA."
"PREDICTED: Homo sapiens ring finger protein 5 pseudogene 1 (RNF5P1), misc RNA."
"Homo sapiens ring finger protein 7 (RNF7), transcript variant 3, mRNA."
"Homo sapiens ring finger protein 8 (RNF8), transcript variant 1, mRNA."
"Homo sapiens ring finger protein, transmembrane 1 (RNFT1), mRNA."

"Homo sapiens ring finger protein, transmembrane 2 (RNFT2), transcript variant 2, mRNA."
"Homo sapiens RNA guanylyltransferase and 5'-phosphatase (RNGTT), mRNA."
"Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript variant 4, mRNA."
"Homo sapiens RNA (guanine-7-) methyltransferase (RNMT), mRNA."
"Homo sapiens RNA methyltransferase like 1 (RNMTL1), mRNA."
"Homo sapiens RNA-binding region (RNP1, RRM) containing 2 (RNPC2), transcript variant 3, m
"Homo sapiens arginyl aminopeptidase (aminopeptidase B) (RNPEP), mRNA."
"Homo sapiens arginyl aminopeptidase (aminopeptidase B)-like 1 (RNPEPL1), mRNA."
"Homo sapiens RNA binding protein S1, serine-rich domain (RNPS1), transcript variant 2, mRN
"Homo sapiens RNA, U105A small nucleolar (RNU105A), small nucleolar RNA."
"Homo sapiens RNA, U105B small nucleolar (RNU105B), small nucleolar RNA."
"Homo sapiens RNA, U105C small nucleolar (RNU105C), small nucleolar RNA."
"Homo sapiens RNA, U11 small nuclear (RNU11), small nuclear RNA."
"Homo sapiens RNA, U12 small nuclear (RNU12) on chromosome X."
"Homo sapiens RNA, U1 small nuclear 3 (RNU1-3), small nuclear RNA."
"Homo sapiens RNA, U1 small nuclear 5 (RNU1-5), small nuclear RNA."
"Homo sapiens RNA, U1A3 small nuclear (RNU1A3), small nuclear RNA."
"Homo sapiens RNA, U1F1 small nuclear (RNU1F1), small nuclear RNA."
"Homo sapiens RNA, U1G2 small nuclear (RNU1G2), small nuclear RNA."
"Homo sapiens RNA, U2 small nuclear 1 (RNU2-1), non-coding RNA."
"Homo sapiens RNA, U4 small nuclear 1 (RNU4-1), small nuclear RNA."
"Homo sapiens RNA, U4 small nuclear 2 (RNU4-2), small nuclear RNA."
"Homo sapiens RNA, U4atac small nuclear (U12-dependent splicing) (RNU4ATAC), small nucle
"Homo sapiens RNA, U5A small nuclear (RNU5A), small nuclear RNA."
"Homo sapiens RNA, U6 small nuclear 1 (RNU6-1), small nuclear RNA."
"Homo sapiens RNA, U6 small nuclear 15 (RNU6-15), small nuclear RNA."
"Homo sapiens RNA, U6atac small nuclear (U12-dependent splicing) (RNU6ATAC), small nucle
"Homo sapiens RNA, U86 small nucleolar (RNU86), small nucleolar RNA."
"Homo sapiens RNA, Ro-associated Y1 (RNY1), small cytoplasmic RNA."
"Homo sapiens RNA, Ro-associated Y4 (RNY4), small cytoplasmic RNA."
"Homo sapiens RNA, Ro-associated Y5 (RNY5), small cytoplasmic RNA."
"Homo sapiens roadblock domain containing 3 (ROBLD3), mRNA."
"Homo sapiens roundabout, axon guidance receptor, homolog 3 (Drosophila) (ROBO3), mRNA.
"Homo sapiens roundabout homolog 4, magic roundabout (Drosophila) (ROBO4), mRNA."
"Homo sapiens Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA."
"Homo sapiens ROD1 regulator of differentiation 1 (S. pombe) (ROD1), mRNA."
"Homo sapiens rogdi homolog (Drosophila) (ROGDI), mRNA."
"Homo sapiens retinal outer segment membrane protein 1 (ROM1), mRNA."
"Homo sapiens reactive oxygen species modulator 1 (ROMO1), nuclear gene encoding mitocho
"Homo sapiens ropporin 1-like (ROPN1L), mRNA."
"Homo sapiens receptor tyrosine kinase-like orphan receptor 1 (ROR1), transcript variant 1, mR
"Homo sapiens retinitis pigmentosa 1 (autosomal dominant) (RP1), mRNA."
"Homo sapiens deleted in a mouse model of primary ciliary dyskinesia (RP11-529I10.4), mRNA.
"Homo sapiens retinitis pigmentosa 2 (X-linked recessive) (RP2), mRNA."

"Homo sapiens hypothetical protein KIAA1434 (RP5-1022P6.2), mRNA."
"Homo sapiens replication protein A1, 70kDa (RPA1), mRNA."
"Homo sapiens replication protein A2, 32kDa (RPA2), mRNA."
"Homo sapiens replication protein A3, 14kDa (RPA3), mRNA."
"Homo sapiens RPA interacting protein (RPAIN), transcript variant 2, mRNA."
"Homo sapiens RNA polymerase II associated protein 1 (RPAP1), mRNA."
"Homo sapiens RNA polymerase II associated protein 2 (RPAP2), mRNA."
"Homo sapiens RNA polymerase II associated protein 3 (RPAP3), mRNA."
"Homo sapiens ribosome production factor 1 homolog (S. cerevisiae) (RPF1), mRNA."
"Homo sapiens ribosome production factor 2 homolog (S. cerevisiae) (RPF2), mRNA."
"Homo sapiens retinitis pigmentosa GTPase regulator (RPGR), transcript variant B, mRNA."
"Homo sapiens retinitis pigmentosa GTPase regulator interacting protein 1 (RPGRIP1), mRNA."
"Homo sapiens rabphilin 3A-like (without C2 domains) (RPH3AL), mRNA."
"Homo sapiens ribose 5-phosphate isomerase A (RPIA), mRNA."
"Homo sapiens ribosomal protein L10-like (RPL10L), mRNA."
"Homo sapiens ribosomal protein L12 (RPL12), mRNA."
"Homo sapiens ribosomal protein L13 (RPL13), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L13a (RPL13A), mRNA."
"Homo sapiens ribosomal protein L14 (RPL14), transcript variant 1, mRNA."
"Homo sapiens ribosomal protein L15 (RPL15), mRNA."
"Homo sapiens ribosomal protein L17 (RPL17), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L21 (RPL21), mRNA."
"Homo sapiens ribosomal protein L22 (RPL22), mRNA."
"Homo sapiens ribosomal protein L22-like 1 (RPL22L1), mRNA."
"Homo sapiens ribosomal protein L23a (RPL23A), mRNA."
"Homo sapiens ribosomal protein L23a pseudogene 53 (RPL23AP53), non-coding RNA."
"Homo sapiens ribosomal protein L26-like 1 (RPL26L1), mRNA."
"Homo sapiens ribosomal protein L28 (RPL28), mRNA."
"Homo sapiens ribosomal protein L29 (RPL29), mRNA."
"Homo sapiens ribosomal protein L3 (RPL3), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L30 (RPL30), mRNA."
"Homo sapiens ribosomal protein L31 pseudogene 11 (RPL31P11), non-coding RNA."
"Homo sapiens ribosomal protein L32 (RPL32), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L34 (RPL34), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L36 (RPL36), transcript variant 2, mRNA."
"Homo sapiens ribosomal protein L36a (RPL36A), mRNA."
"Homo sapiens ribosomal protein L37 (RPL37), mRNA."
"Homo sapiens ribosomal protein L37a (RPL37A), mRNA."
"Homo sapiens ribosomal protein L39 (RPL39), mRNA."
"Homo sapiens ribosomal protein L39-like (RPL39L), mRNA."
"Homo sapiens ribosomal protein L3-like (RPL3L), mRNA."
"Homo sapiens ribosomal protein L4 (RPL4), mRNA."
"Homo sapiens ribosomal protein L5 (RPL5), mRNA."
"Homo sapiens ribosomal protein L8 (RPL8), transcript variant 2, mRNA."

"Homo sapiens ribosomal protein L9 (RPL9), transcript variant 2, mRNA."
"Homo sapiens ribophorin I (RPN1), mRNA."
"Homo sapiens ribonuclease P 14kDa subunit (RPP14), mRNA."
"Homo sapiens ribonuclease P/MRP 25kDa subunit (RPP25), mRNA."
"Homo sapiens ribonuclease P/MRP 38kDa subunit (RPP38), transcript variant 3, mRNA."
"Homo sapiens ribonuclease P/MRP 40kDa subunit (RPP40), mRNA."
"Homo sapiens ribonuclease P RNA component H1 (RPPH1), RNase P RNA."
"Homo sapiens arginine/proline rich coiled-coil 1 (RPRC1), mRNA."
"Homo sapiens regulation of nuclear pre-mRNA domain containing 1A (RPRD1A), mRNA."
"Homo sapiens regulation of nuclear pre-mRNA domain containing 1B (RPRD1B), mRNA."
"Homo sapiens regulation of nuclear pre-mRNA domain containing 2 (RPRD2), mRNA."
"Homo sapiens reprimo, TP53 dependent G2 arrest mediator candidate (RPRM), mRNA."
"Homo sapiens reprimo-like (RPRML), mRNA."
"PREDICTED: Homo sapiens misc_RNA (RPS10P3), miscRNA."
"Homo sapiens ribosomal protein S11 (RPS11), mRNA."
"Homo sapiens ribosomal protein S12 (RPS12), mRNA."
"Homo sapiens ribosomal protein S15a (RPS15A), transcript variant 1, mRNA."
"Homo sapiens ribosomal protein S18 (RPS18), mRNA."
"Homo sapiens ribosomal protein S19 binding protein 1 (RPS19BP1), mRNA."
"Homo sapiens ribosomal protein S2 (RPS2), mRNA."
"Homo sapiens ribosomal protein S21 (RPS21), mRNA."
"Homo sapiens ribosomal protein S23 (RPS23), mRNA."
"PREDICTED: Homo sapiens ribosomal protein S26 pseudogene 10 (RPS26P10), mRNA."
"Homo sapiens ribosomal protein S29 (RPS29), transcript variant 1, mRNA."
"Homo sapiens ribosomal protein S4, X-linked (RPS4X), mRNA."
"Homo sapiens ribosomal protein S4, Y-linked 1 (RPS4Y1), mRNA."
"Homo sapiens ribosomal protein S4, Y-linked 2 (RPS4Y2), mRNA."
"Homo sapiens ribosomal protein S5 (RPS5), mRNA."
"Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 1 (RPS6KA1), transcript variar
"Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 4 (RPS6KA4), transcript variar
"Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 5 (RPS6KA5), transcript variar
"Homo sapiens ribosomal protein S6 kinase, 70kDa, polypeptide 1 (RPS6KB1), mRNA."
"Homo sapiens ribosomal protein S6 kinase, 70kDa, polypeptide 2 (RPS6KB2), mRNA."
"Homo sapiens ribosomal protein S6 kinase, 52kDa, polypeptide 1 (RPS6KC1), mRNA."
"Homo sapiens ribosomal protein S6 kinase-like 1 (RPS6KL1), mRNA."
"PREDICTED: Homo sapiens misc_RNA (RPS6P1), miscRNA."
"Homo sapiens ribosomal protein S7 (RPS7), mRNA."
"Homo sapiens ribosomal protein SA (RPSA), transcript variant 1, mRNA."
"Homo sapiens regulatory associated protein of MTOR, complex 1 (RPTOR), transcript variant 1
"Homo sapiens RNA pseudouridylate synthase domain containing 1 (RPUSD1), mRNA."
"Homo sapiens RNA pseudouridylate synthase domain containing 2 (RPUSD2), mRNA."
"Homo sapiens RNA pseudouridylate synthase domain containing 3 (RPUSD3), mRNA."
"Homo sapiens RNA pseudouridylate synthase domain containing 4 (RPUSD4), mRNA."
"Homo sapiens RCD1 required for cell differentiation1 homolog (S. pombe) (RQCD1), mRNA."

"Homo sapiens Ras-related associated with diabetes (RRAD), mRNA."
"Homo sapiens Ras-related GTP binding A (RRAGA), mRNA."
"Homo sapiens Ras-related GTP binding B (RRAGB), transcript variant RAGBl, mRNA."
"Homo sapiens Ras-related GTP binding C (RRAGC), mRNA."
"Homo sapiens Ras-related GTP binding D (RRAGD), mRNA."
"Homo sapiens related RAS viral (r-ras) oncogene homolog (RRAS), mRNA."
"Homo sapiens related RAS viral (r-ras) oncogene homolog 2 (RRAS2), mRNA."
"Homo sapiens ribosome binding protein 1 homolog 180kDa (dog) (RRBP1), transcript variant 1
"Homo sapiens ras responsive element binding protein 1 (RREB1), transcript variant 1, mRNA."
"Homo sapiens ribonucleotide reductase M1 polypeptide (RRM1), mRNA."
"Homo sapiens ribonucleotide reductase M2 polypeptide (RRM2), mRNA."
"Homo sapiens ribonucleotide reductase M2 B (TP53 inducible) (RRM2B), mRNA."
"Homo sapiens RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae) (RRN3), m
"Homo sapiens RNA polymerase I transcription factor homolog (S. cerevisiae) pseudogene 2 (R
"Homo sapiens ribosomal RNA processing 1 homolog (S. cerevisiae) (RRP1), mRNA."
"Homo sapiens ribosomal RNA processing 12 homolog (S. cerevisiae) (RRP12), mRNA."
"Homo sapiens ribosomal RNA processing 15 homolog (S. cerevisiae) (RRP15), mRNA."
"Homo sapiens ribosomal RNA processing 1 homolog B (S. cerevisiae) (RRP1B), mRNA."
"Homo sapiens ribosomal RNA processing 7 homolog A (S. cerevisiae) (RRP7A), mRNA."
"Homo sapiens ribosomal RNA processing 8, methyltransferase, homolog (yeast) (RRP8), mRN
"Homo sapiens ribosomal RNA processing 9, small subunit (SSU) processome component, hom
"Homo sapiens RRS1 ribosome biogenesis regulator homolog (S. cerevisiae) (RRS1), mRNA."
"Homo sapiens radical S-adenosyl methionine domain containing 1 (RSAD1), mRNA."
"Homo sapiens radical S-adenosyl methionine domain containing 2 (RSAD2), mRNA."
"Homo sapiens round spermatid basic protein 1 (RSBN1), mRNA."
"Homo sapiens round spermatid basic protein 1-like (RSBN1L), mRNA."
"Homo sapiens regulatory solute carrier protein, family 1, member 1 (RSC1A1), mRNA."
"Homo sapiens remodeling and spacing factor 1 (RSF1), mRNA."
"Homo sapiens radial spokehead-like 1 (RSHL1), mRNA."
"Homo sapiens radial spokehead-like 3 (RSHL3), mRNA."
"Homo sapiens ribosomal L1 domain containing 1 (RSL1D1), mRNA."
"Homo sapiens ribosomal L24 domain containing 1 (RSL24D1), mRNA."
"Homo sapiens radial spoke head 1 homolog (Chlamydomonas) (RSPH1), mRNA."
"Homo sapiens radial spoke 3 homolog (Chlamydomonas) (RSPH3), mRNA."
"Homo sapiens ring finger and SPRY domain containing 1 (RSPRY1), mRNA."
"Homo sapiens arginine/serine-rich coiled-coil 1 (RSRC1), mRNA."
"Homo sapiens arginine/serine-rich coiled-coil 2 (RSRC2), transcript variant 1, mRNA."
"Homo sapiens Ras suppressor protein 1 (RSU1), transcript variant 2, mRNA."
"Homo sapiens retbindin (RTBDN), transcript variant 1, mRNA."
"Homo sapiens RNA terminal phosphate cyclase domain 1 (RTCD1), mRNA."
"Homo sapiens rhabdoid tumor deletion region gene 1 (RTDR1), mRNA."
"Homo sapiens regulator of telomere elongation helicase 1 (RTEL1), transcript variant 2, mRNA
"Homo sapiens Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (RT
"Homo sapiens rhotekin (RTKN), transcript variant 1, mRNA."

"Homo sapiens reticulon 2 (RTN2), transcript variant 3, mRNA."
"Homo sapiens reticulon 3 (RTN3), transcript variant 2, mRNA."
"Homo sapiens reticulon 4 (RTN4), transcript variant 5, mRNA."
"Homo sapiens reticulon 4 interacting protein 1 (RTN4IP1), nuclear gene encoding mitochondria
"Homo sapiens reticulon 4 receptor-like 2 (RTN4RL2), mRNA."
"Homo sapiens receptor (chemosensory) transporter protein 2 (RTP2), mRNA."
"Homo sapiens receptor (chemosensory) transporter protein 4 (RTP4), mRNA."
"Homo sapiens rotatin (RTTN), mRNA."
"Homo sapiens RUN and FYVE domain containing 1 (RUFY1), mRNA."
"Homo sapiens RUN and FYVE domain containing 3 (RUFY3), transcript variant 2, mRNA."
"Homo sapiens RUN domain containing 1 (RUNDC1), mRNA."
"Homo sapiens RUN domain containing 2A (RUNDC2A), mRNA."
"Homo sapiens RUN domain containing 2C (RUNDC2C), non-coding RNA."
"Homo sapiens RUN domain containing 3A (RUNDC3A), mRNA."
"Homo sapiens RUN domain containing 3B (RUNDC3B), mRNA."
"Homo sapiens runt-related transcription factor 1; translocated to, 1 (cyclin D-related) (RUNX1T
"Homo sapiens runt-related transcription factor 2 (RUNX2), transcript variant 3, mRNA."
"Homo sapiens runt-related transcription factor 3 (RUNX3), transcript variant 2, mRNA."
"Homo sapiens RUN and SH3 domain containing 1 (RUSC1), mRNA."
"PREDICTED: Homo sapiens RuvB-like 1 (E. coli) (RUVBL1), mRNA."
"Homo sapiens RuvB-like 2 (E. coli) (RUVBL2), mRNA."
"Homo sapiens RWD domain containing 1 (RWDD1), transcript variant 2, mRNA."
"Homo sapiens RWD domain containing 2A (RWDD2A), mRNA."
"Homo sapiens RWD domain containing 2B (RWDD2B), mRNA."
"Homo sapiens RWD domain containing 3 (RWDD3), transcript variant 1, mRNA."
"Homo sapiens RWD domain containing 4A (RWDD4A), mRNA."
"Homo sapiens relaxin/insulin-like family peptide receptor 3 (RXFP3), mRNA."
"Homo sapiens retinoid X receptor, alpha (RXRA), mRNA."
"Homo sapiens RING1 and YY1 binding protein (RYBP), mRNA."
"Homo sapiens RYK receptor-like tyrosine kinase (RYK), transcript variant 1, mRNA."
"Homo sapiens ryanodine receptor 1 (skeletal) (RYR1), transcript variant 2, mRNA."
"Homo sapiens ryanodine receptor 2 (cardiac) (RYR2), mRNA."
"Homo sapiens S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptid
"Homo sapiens S100 calcium binding protein A11 (S100A11), mRNA."
"Homo sapiens S100 calcium binding protein A4 (S100A4), transcript variant 2, mRNA."
"Homo sapiens S100 calcium binding protein A6 (S100A6), mRNA."
"Homo sapiens S100 calcium binding protein A7 (S100A7), mRNA."
"Homo sapiens S100 calcium binding protein A7A (S100A7A), mRNA."
"Homo sapiens S100 calcium binding protein A9 (calgranulin B) (S100A9), mRNA."
"Homo sapiens S100P binding protein (S100PBP), transcript variant 2, mRNA."
"Homo sapiens S100 calcium binding protein Z (S100Z), mRNA."
"Homo sapiens sphingosine-1-phosphate receptor 1 (S1PR1), mRNA."
"Homo sapiens sphingosine-1-phosphate receptor 2 (S1PR2), mRNA."
"Homo sapiens sphingosine-1-phosphate receptor 4 (S1PR4), mRNA."

"Homo sapiens sphingosine-1-phosphate receptor 5 (S1PR5), mRNA."
"Homo sapiens serum amyloid A-like 1 (SAAL1), mRNA."
"Homo sapiens SAC3 domain containing 1 (SAC3D1), mRNA."
"Homo sapiens SAC1 suppressor of actin mutations 1-like (yeast) (SACM1L), mRNA."
"Homo sapiens spastic ataxia of Charlevoix-Saguenay (sacsin) (SACS), mRNA."
"Homo sapiens SUMO1 activating enzyme subunit 1 (SAE1), mRNA."
"Homo sapiens scaffold attachment factor B (SAFB), mRNA."
"Homo sapiens scaffold attachment factor B2 (SAFB2), mRNA."
"Homo sapiens sal-like 2 (Drosophila) (SALL2), mRNA."
"Homo sapiens sal-like 3 (Drosophila) (SALL3), mRNA."
"Homo sapiens sterile alpha motif domain containing 1 (SAMD1), mRNA."
"Homo sapiens sterile alpha motif domain containing 10 (SAMD10), mRNA."
"Homo sapiens sterile alpha motif domain containing 11 (SAMD11), mRNA."
"Homo sapiens sterile alpha motif domain containing 13 (SAMD13), mRNA."
"Homo sapiens sterile alpha motif domain containing 14 (SAMD14), mRNA."
"Homo sapiens sterile alpha motif domain containing 4A (SAMD4A), mRNA."
"Homo sapiens sterile alpha motif domain containing 4B (SAMD4B), mRNA."
"PREDICTED: Homo sapiens sterile alpha motif domain containing 6, transcript variant 2 (SAMI
"Homo sapiens sterile alpha motif domain containing 7 (SAMD7), mRNA."
"Homo sapiens sterile alpha motif domain containing 8 (SAMD8), mRNA."
"Homo sapiens sterile alpha motif domain containing 9 (SAMD9), mRNA."
"Homo sapiens sterile alpha motif domain containing 9-like (SAMD9L), mRNA."
"Homo sapiens SAM domain and HD domain 1 (SAMHD1), mRNA."
"Homo sapiens sorting and assembly machinery component 50 homolog (S. cerevisiae) (SAMM
"Homo sapiens SAM domain, SH3 domain and nuclear localization signals 1 (SAMSN1), mRNA
"Homo sapiens Sin3A-associated protein, 130kDa (SAP130), mRNA."
"Homo sapiens Sin3A-associated protein, 18kDa (SAP18), mRNA."
"Homo sapiens Sin3A-associated protein, 30kDa (SAP30), mRNA."
"Homo sapiens SAP30 binding protein (SAP30BP), mRNA."
"Homo sapiens SAP30-like (SAP30L), mRNA."
"Homo sapiens SAPS domain family, member 1 (SAPS1), mRNA."
"Homo sapiens SAPS domain family, member 3 (SAPS3), mRNA."
"Homo sapiens SAR1 gene homolog A (S. cerevisiae) (SAR1A), mRNA."
"Homo sapiens SAR1 homolog B (S. cerevisiae) (SAR1B), transcript variant 1, mRNA."
"Homo sapiens sterile alpha and TIR motif containing 1 (SARM1), mRNA."
"Homo sapiens seryl-tRNA synthetase (SARS), mRNA."
"Homo sapiens seryl-tRNA synthetase 2, mitochondrial (SARS2), nuclear gene encoding mitoch
"Homo sapiens squamous cell carcinoma antigen recognized by T cells 3 (SART3), mRNA."
"Homo sapiens SAM and SH3 domain containing 3 (SASH3), mRNA."
"Homo sapiens spindle assembly 6 homolog (C. elegans) (SASS6), mRNA."
"Homo sapiens spermidine/spermine N1-acetyltransferase 1 (SAT1), mRNA."
"Homo sapiens spermidine/spermine N1-acetyltransferase family member 2 (SAT2), mRNA."
"Homo sapiens SATB homeobox 1 (SATB1), mRNA."
"Homo sapiens SATB homeobox 2 (SATB2), mRNA."

"Homo sapiens salvador homolog 1 (Drosophila) (SAV1), mRNA."
"Homo sapiens Shwachman-Bodian-Diamond syndrome (SBDS), mRNA."
Homo sapiens Shwachman-Bodian-Diamond syndrome pseudogene (SBDSP) on chromosome
"Homo sapiens SET binding factor 1 (SBF1), transcript variant 1, mRNA."
"Homo sapiens SET binding factor 2 (SBF2), mRNA."
"Homo sapiens strawberry notch homolog 1 (Drosophila) (SBNO1), mRNA."
"Homo sapiens strawberry notch homolog 2 (Drosophila) (SBNO2), transcript variant 1, mRNA."
"Homo sapiens sterol-C4-methyl oxidase-like (SC4MOL), transcript variant 2, mRNA."
"Homo sapiens sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like (S
"Homo sapiens synaptonemal complex protein SC65 (SC65), mRNA."
"Homo sapiens secretory carrier membrane protein 1 (SCAMP1), mRNA."
"Homo sapiens secretory carrier membrane protein 5 (SCAMP5), mRNA."
"Homo sapiens SCAN domain containing 3 (SCAND3), mRNA."
"Homo sapiens SREBF chaperone (SCAP), mRNA."
"Homo sapiens S phase cyclin A-associated protein in the ER (SCAPER), mRNA."
"Homo sapiens scavenger receptor class A, member 5 (putative) (SCARA5), mRNA."
"Homo sapiens scavenger receptor class B, member 1 (SCARB1), mRNA."
"Homo sapiens scavenger receptor class B, member 2 (SCARB2), mRNA."
"Homo sapiens small Cajal body-specific RNA 10 (SCARNA10), guide RNA."
"Homo sapiens small Cajal body-specific RNA 11 (SCARNA11), guide RNA."
"Homo sapiens small Cajal body-specific RNA 12 (SCARNA12), guide RNA."
"Homo sapiens small Cajal body-specific RNA 13 (SCARNA13), guide RNA."
"Homo sapiens small Cajal body-specific RNA 14 (SCARNA14), guide RNA."
"Homo sapiens small Cajal body-specific RNA 16 (SCARNA16), guide RNA."
"Homo sapiens small Cajal body-specific RNA 17 (SCARNA17), guide RNA."
"Homo sapiens small Cajal body-specific RNA 18 (SCARNA18), guide RNA."
"Homo sapiens small Cajal body-specific RNA 2 (SCARNA2), guide RNA."
"Homo sapiens small Cajal body-specific RNA 20 (SCARNA20), guide RNA."
"Homo sapiens small Cajal body-specific RNA 21 (SCARNA21), guide RNA."
"Homo sapiens small Cajal body-specific RNA 22 (SCARNA22), guide RNA."
"Homo sapiens small Cajal body-specific RNA 23 (SCARNA23), guide RNA."
"Homo sapiens small Cajal body-specific RNA 4 (SCARNA4), guide RNA."
"Homo sapiens small Cajal body-specific RNA 5 (SCARNA5), guide RNA."
"Homo sapiens small Cajal body-specific RNA 6 (SCARNA6), guide RNA."
"Homo sapiens small Cajal body-specific RNA 7 (SCARNA7), guide RNA."
"Homo sapiens small Cajal body-specific RNA 8 (SCARNA8), guide RNA."
"Homo sapiens small Cajal body-specific RNA 9 (SCARNA9), guide RNA."
"Homo sapiens small Cajal body-specific RNA 9-like (retrotransposed) (SCARNA9L), guide RNA
"Homo sapiens saccharopine dehydrogenase (putative) (SCCPDH), mRNA."
"Homo sapiens stearoyl-CoA desaturase (delta-9-desaturase) (SCD), mRNA."
"Homo sapiens stearoyl-CoA desaturase 5 (SCD5), transcript variant 2, mRNA."
"Homo sapiens sciellin (SCEL), transcript variant 2, mRNA."
"Homo sapiens sec1 family domain containing 2 (SCFD2), mRNA."
"Homo sapiens secretogranin II (chromogranin C) (SCG2), mRNA."

"Homo sapiens secretogranin III (SCG3), mRNA."
"Homo sapiens secretogranin V (7B2 protein) (SCG5), mRNA."
"Homo sapiens secretoglobin, family 1D, member 2 (SCGB1D2), mRNA."
"Homo sapiens secretoglobin, family 1D, member 4 (SCGB1D4), mRNA."
"Homo sapiens secretoglobin, family 2A, member 1 (SCGB2A1), mRNA."
"Homo sapiens sodium channel and clathrin linker 1 (SCLT1), mRNA."
"Homo sapiens selenocysteine lyase (SCLY), mRNA."
"Homo sapiens sex comb on midleg homolog 1 (Drosophila) (SCMH1), transcript variant 2, mRN
"Homo sapiens sex comb on midleg-like 1 (Drosophila) (SCML1), transcript variant 1, mRNA."
"Homo sapiens sex comb on midleg-like 2 (Drosophila) (SCML2), mRNA."
"Homo sapiens sodium channel, voltage-gated, type I, alpha subunit (SCN1A), transcript variant
"Homo sapiens sodium channel, voltage-gated, type I, beta (SCN1B), transcript variant a, mRNA
"Homo sapiens sodium channel, voltage-gated, type II, alpha subunit (SCN2A), transcript varian
"Homo sapiens sodium channel, voltage-gated, type II, beta (SCN2B), mRNA."
"Homo sapiens sodium channel, voltage-gated, type III, alpha subunit (SCN3A), transcript varia
"Homo sapiens sodium channel, voltage-gated, type IV, alpha subunit (SCN4A), mRNA."
"PREDICTED: Homo sapiens sodium channel, voltage-gated, type V, alpha (long QT syndrome
"Homo sapiens sodium channel modifier 1 (SCNM1), mRNA."
"Homo sapiens sodium channel, nonvoltage-gated 1, delta (SCNN1D), transcript variant 2, mRN
"Homo sapiens sodium channel, nonvoltage-gated 1, gamma (SCNN1G), mRNA."
"Homo sapiens SCO cytochrome oxidase deficient homolog 1 (yeast) (SCO1), nuclear gene enc
"Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene enc
"Homo sapiens short coiled-coil protein (SCOC), mRNA."
"Homo sapiens serine carboxypeptidase 1 (SCPEP1), mRNA."
"Homo sapiens scribbled homolog (Drosophila) (SCRIB), transcript variant 1, mRNA."
"Homo sapiens secernin 1 (SCRN1), mRNA."
"Homo sapiens scleraxis homolog A (mouse) (SCXA), mRNA."
"Homo sapiens scleraxis homolog B (mouse) (SCXB), mRNA."
"Homo sapiens SCY1-like 1 (S. cerevisiae) (SCYL1), transcript variant A, mRNA."
"Homo sapiens SCY1-like 1 binding protein 1 (SCYL1BP1), mRNA."
"Homo sapiens SCY1-like 2 (S. cerevisiae) (SCYL2), mRNA."
"Homo sapiens SCY1-like 3 (S. cerevisiae) (SCYL3), transcript variant 2, mRNA."
"Homo sapiens SDA1 domain containing 1 (SDAD1), mRNA."
"Homo sapiens syndecan 1 (SDC1), transcript variant 2, mRNA."
"Homo sapiens syndecan 4 (SDC4), mRNA."
"Homo sapiens syndecan binding protein (syntenin) (SDCBP), transcript variant 2, mRNA."
"Homo sapiens serologically defined colon cancer antigen 10 (SDCCAG10), mRNA."
"Homo sapiens serologically defined colon cancer antigen 3 (SDCCAG3), transcript variant 3, m
"PREDICTED: Homo sapiens serologically defined colon cancer antigen 3-like (SDCCAG3L), m
"Homo sapiens serologically defined colon cancer antigen 8 (SDCCAG8), mRNA."
"Homo sapiens stromal cell-derived factor 2 (SDF2), mRNA."
"Homo sapiens stromal cell-derived factor 2-like 1 (SDF2L1), mRNA."
"Homo sapiens stromal cell derived factor 4 (SDF4), mRNA."
"Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein (Fp) (SDHA), nuclea

"Homo sapiens succinate dehydrogenase complex assembly factor 1 (SDHAF1), mRNA."
"Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 1 (SDH
"Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 2 (SDH
"Homo sapiens succinate dehydrogenase complex, subunit B, iron sulfur (Ip) (SDHB), nuclear g
"Homo sapiens succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD
"Homo sapiens succinate dehydrogenase complex, subunit D, integral membrane protein (SDH
"Homo sapiens short chain dehydrogenase/reductase family 42E, member 1 (SDR42E1), mRNA
"Homo sapiens short chain dehydrogenase/reductase family 9C, member 7 (SDR9C7), mRNA."
"Homo sapiens serine dehydratase (SDS), mRNA."
"Homo sapiens serine dehydratase-like (SDSL), mRNA."
"Homo sapiens secretory blood group 1 (SEC1), non-coding RNA."
"Homo sapiens SEC11 homolog A (S. cerevisiae) (SEC11A), mRNA."
"Homo sapiens SEC11 homolog C (S. cerevisiae) (SEC11C), mRNA."
"Homo sapiens SEC13 homolog (S. cerevisiae) (SEC13), transcript variant 2, mRNA."
"Homo sapiens SEC14-like 1 (S. cerevisiae) (SEC14L1), mRNA."
"Homo sapiens SEC14-like 5 (S. cerevisiae) (SEC14L5), mRNA."
"PREDICTED: Homo sapiens SEC15-like 2 (S. cerevisiae), transcript variant 4 (SEC15L2), mRN
"Homo sapiens SEC16 homolog A (S. cerevisiae) (SEC16A), mRNA."
"Homo sapiens SEC22 vesicle trafficking protein homolog A (S. cerevisiae) (SEC22A), mRNA."
"Homo sapiens SEC22 vesicle trafficking protein homolog B (S. cerevisiae) (SEC22B), mRNA."
"Homo sapiens SEC22 vesicle trafficking protein homolog C (S. cerevisiae) (SEC22C), transcrip
"Homo sapiens Sec23 homolog A (S. cerevisiae) (SEC23A), mRNA."
"Homo sapiens Sec23 homolog B (S. cerevisiae) (SEC23B), transcript variant 2, mRNA."
"Homo sapiens SEC23 interacting protein (SEC23IP), mRNA."
"Homo sapiens SEC24 family, member A (S. cerevisiae) (SEC24A), mRNA."
"PREDICTED: Homo sapiens SEC24 related gene family, member B (S. cerevisiae), transcript v
"Homo sapiens SEC24 family, member C (S. cerevisiae) (SEC24C), transcript variant 1, mRNA.
"Homo sapiens SEC24 related gene family, member D (S. cerevisiae) (SEC24D), mRNA."
"Homo sapiens SEC31 homolog A (S. cerevisiae) (SEC31A), transcript variant 1, mRNA."
"Homo sapiens Sec61 alpha 1 subunit (S. cerevisiae) (SEC61A1), mRNA."
"Homo sapiens Sec61 alpha 2 subunit (S. cerevisiae) (SEC61A2), mRNA."
"Homo sapiens Sec61 beta subunit (SEC61B), mRNA."
"Homo sapiens Sec61 gamma subunit (SEC61G), transcript variant 1, mRNA."
"Homo sapiens SEC62 homolog (S. cerevisiae) (SEC62), mRNA."
"Homo sapiens SEC63 homolog (S. cerevisiae) (SEC63), mRNA."
"Homo sapiens SECIS binding protein 2 (SECISBP2), mRNA."
"Homo sapiens SECIS binding protein 2-like (SECISBP2L), mRNA."
"Homo sapiens SEH1-like (S. cerevisiae) (SEH1L), transcript variant 1, mRNA."
"Homo sapiens sel-1 suppressor of lin-12-like (C. elegans) (SEL1L), mRNA."
"Homo sapiens sel-1 suppressor of lin-12-like 3 (C. elegans) (SEL1L3), mRNA."
"Homo sapiens selectin E (endothelial adhesion molecule 1) (SELE), mRNA."
"Homo sapiens selenoprotein I (SELI), mRNA."
"Homo sapiens selenoprotein K (SELK), mRNA."
"Homo sapiens selectin L (SELL), mRNA."

"Homo sapiens selenoprotein M (SELM), mRNA."
"Homo sapiens selenoprotein O (SELO), mRNA."
"Homo sapiens selenoprotein S (SELS), transcript variant 1, mRNA."
"Homo sapiens selenoprotein T (SELT), mRNA."
"Homo sapiens sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (sema
"Homo sapiens sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (sema
"Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and s
"Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and s
"Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and s
"Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and s
"Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and s
"Homo sapiens sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmer
"Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaph
"Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaph
"Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaph
"Homo sapiens semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group) (SEMA
"Homo sapiens SUMO1/sentrin specific peptidase 1 (SENP1), mRNA."
"Homo sapiens SUMO1/sentrin/SMT3 specific peptidase 2 (SENP2), mRNA."
"Homo sapiens SUMO1/sentrin/SMT3 specific peptidase 3 (SENP3), mRNA."
"Homo sapiens SUMO1/sentrin specific peptidase 5 (SENP5), mRNA."
"Homo sapiens SUMO1/sentrin specific peptidase 6 (SENP6), mRNA."
"Homo sapiens SUMO1/sentrin specific peptidase 7 (SENP7), transcript variant 2, mRNA."
"Homo sapiens selenophosphate synthetase 1 (SEPHS1), mRNA."
"Homo sapiens selenophosphate synthetase 2 (SEPHS2), mRNA."
"Homo sapiens selenoprotein N, 1 (SEPN1), transcript variant 1, mRNA."
"Homo sapiens selenoprotein P, plasma, 1 (SEPP1), transcript variant 1, mRNA."
"Homo sapiens Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase (SEPSECS)
"Homo sapiens selenoprotein W, 1 (SEPW1), mRNA."
"Homo sapiens selenoprotein X, 1 (SEPX1), mRNA."
"Homo sapiens serine active site containing 1 (SERAC1), mRNA."
"Homo sapiens SERPINE1 mRNA binding protein 1 (SERBP1), transcript variant 3, mRNA."
"Homo sapiens small EDRK-rich factor 1A (telomeric) (SERF1A), mRNA."
"Homo sapiens small EDRK-rich factor 1B (centromeric) (SERF1B), mRNA."
"Homo sapiens small EDRK-rich factor 2 (SERF2), mRNA."
"Homo sapiens secretion regulating guanine nucleotide exchange factor (SERGEF), mRNA."
"PREDICTED: Homo sapiens serine hydrolase-like (SERHL), mRNA."
"Homo sapiens serine hydrolase-like 2 (SERHL2), mRNA."
"Homo sapiens serine incorporator 1 (SERINC1), mRNA."
"Homo sapiens serine incorporator 2 (SERINC2), mRNA."
"Homo sapiens serine incorporator 3 (SERINC3), transcript variant 2, mRNA."
"Homo sapiens serine incorporator 4 (SERINC4), mRNA."
"Homo sapiens stress-associated endoplasmic reticulum protein 1 (SERP1), mRNA."
"Homo sapiens stress-associated endoplasmic reticulum protein family member 2 (SERP2), mR
"Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member

"Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member
"Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member
"PREDICTED: Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitryp
"Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member
"Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 1 (SERPINB1), mRNA.
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 10 (SERPINB10), mRN
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 13 (SERPINB13), mRN
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 2 (SERPINB2), mRNA.
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 7 (SERPINB7), transcri
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 8 (SERPINB8), transcri
"Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 9 (SERPINB9), mRNA.
"Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)
"Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)
"Homo sapiens serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium deri
"Homo sapiens serpin peptidase inhibitor, clade I (neuroserpin), member 1 (SERPINI1), mRNA."
"Homo sapiens SERTA domain containing 1 (SERTAD1), mRNA."
"Homo sapiens SERTA domain containing 2 (SERTAD2), mRNA."
"Homo sapiens SERTA domain containing 3 (SERTAD3), transcript variant 2, mRNA."
"Homo sapiens sestrin 1 (SESN1), mRNA."
"Homo sapiens sestrin 2 (SESN2), mRNA."
"Homo sapiens sestrin 3 (SESN3), mRNA."
"Homo sapiens SEC14 and spectrin domains 1 (SESTD1), mRNA."
"Homo sapiens SET translocation (myeloid leukemia-associated) (SET), mRNA."
"Homo sapiens SET binding protein 1 (SETBP1), mRNA."
"Homo sapiens SET domain containing 1A (SETD1A), mRNA."
"PREDICTED: Homo sapiens SET domain containing 1B (SETD1B), mRNA."
"Homo sapiens SET domain containing 2 (SETD2), mRNA."
"Homo sapiens SET domain containing 3 (SETD3), transcript variant 1, mRNA."
"Homo sapiens SET domain containing 4 (SETD4), transcript variant 1, mRNA."
"Homo sapiens SET domain containing 6 (SETD6), mRNA."
"Homo sapiens SET domain containing (lysine methyltransferase) 7 (SETD7), mRNA."
"Homo sapiens SET domain containing (lysine methyltransferase) 8 (SETD8), mRNA."
"Homo sapiens SET domain, bifurcated 1 (SETDB1), mRNA."
"Homo sapiens SET domain, bifurcated 2 (SETDB2), mRNA."
"Homo sapiens SET domain and mariner transposase fusion gene (SETMAR), mRNA."
"Homo sapiens senataxin (SETX), mRNA."
"Homo sapiens seizure related 6 homolog (mouse)-like 2 (SEZ6L2), transcript variant 2, mRNA."
"Homo sapiens splicing factor 1 (SF1), transcript variant 4, mRNA."
"Homo sapiens splicing factor 3a, subunit 1, 120kDa (SF3A1), transcript variant 2, mRNA."
"Homo sapiens splicing factor 3a, subunit 3, 60kDa (SF3A3), mRNA."
"Homo sapiens splicing factor 3b, subunit 1, 155kDa (SF3B1), transcript variant 2, mRNA."
"Homo sapiens splicing factor 3B, 14 kDa subunit (SF3B14), mRNA."
"Homo sapiens splicing factor 3b, subunit 2, 145kDa (SF3B2), mRNA."

"Homo sapiens splicing factor 3b, subunit 3, 130kDa (SF3B3), mRNA."
"Homo sapiens splicing factor 3b, subunit 4, 49kDa (SF3B4), mRNA."
"Homo sapiens splicing factor 3b, subunit 5, 10kDa (SF3B5), mRNA."
"Homo sapiens splicing factor 4 (SF4), transcript variant c, mRNA."
"Homo sapiens Sfi1 homolog, spindle assembly associated (yeast) (SFI1), transcript variant 1, n
"Homo sapiens Scm-like with four mbt domains 1 (SFMBT1), transcript variant 3, mRNA."
"Homo sapiens stratifin (SFN), mRNA."
"Homo sapiens splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associa
"Homo sapiens secreted frizzled-related protein 2 (SFRP2), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 1 (SFRS1), transcript variant 2, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila) (SFF
"Homo sapiens splicing factor, arginine/serine-rich 12 (SFRS12), transcript variant 2, mRNA."
"Homo sapiens SFRS12-interacting protein 1 (SFRS12IP1), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 13A (SFRS13A), transcript variant 2, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 13B (SFRS13B), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 14 (SFRS14), transcript variant 2, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 16 (SFRS16), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 17A (SFRS17A), transcript variant 1, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 18 (SFRS18), transcript variant 1, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 2 (SFRS2), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 2B (SFRS2B), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 2, interacting protein (SFRS2IP), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 3 (SFRS3), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 4 (SFRS4), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 5 (SFRS5), transcript variant 2, mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 6 (SFRS6), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 7, 35kDa (SFRS7), mRNA."
"Homo sapiens splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot homolog, Dros
"Homo sapiens splicing factor, arginine/serine-rich 9 (SFRS9), mRNA."
"Homo sapiens SFT2 domain containing 1 (SFT2D1), mRNA."
"Homo sapiens SFT2 domain containing 2 (SFT2D2), mRNA."
"Homo sapiens SFT2 domain containing 3 (SFT2D3), mRNA."
"Homo sapiens surfactant protein A1 (SFTPA1), mRNA. XM_934600"
"Homo sapiens surfactant protein D (SFTPD), mRNA."
"Homo sapiens sideroflexin 1 (SFXN1), mRNA."
"Homo sapiens sideroflexin 2 (SFXN2), mRNA."
"Homo sapiens sideroflexin 3 (SFXN3), mRNA."
"Homo sapiens sideroflexin 4 (SFXN4), transcript variant 2, mRNA."
"Homo sapiens sideroflexin 5 (SFXN5), mRNA."
"Homo sapiens sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein) (SGCA), mRNA.
"Homo sapiens sarcoglycan, epsilon (SGCE), transcript variant 3, mRNA."
"Homo sapiens Src homology 3 domain-containing guanine nucleotide exchange factor (SGEF)
"Homo sapiens SH3-domain GRB2-like (endophilin) interacting protein 1 (SGIP1), mRNA."
"Homo sapiens serum/glucocorticoid regulated kinase (SGK), mRNA."

"Homo sapiens serum/glucocorticoid regulated kinase 1 (SGK1), transcript variant 1, mRNA."
"Homo sapiens protein kinase-like protein SgK196 (SGK196), mRNA."
"Homo sapiens serum/glucocorticoid regulated kinase family, member 3 (SGK3), transcript varia
"Homo sapiens sphingomyelin synthase 1 (SGMS1), mRNA."
"Homo sapiens sphingomyelin synthase 2 (SGMS2), mRNA."
"Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcript variant C2, mRNA."
"Homo sapiens shugoshin-like 2 (S. pombe) (SGOL2), mRNA."
"Homo sapiens sphingosine-1-phosphate lyase 1 (SGPL1), mRNA."
"Homo sapiens sphingosine-1-phosphate phosphatase 1 (SGPP1), mRNA."
"Homo sapiens sphingosine-1-phosphate phosphotase 2 (SGPP2), mRNA."
"Homo sapiens N-sulfoglucosamine sulfohydrolase (sulfamidase) (SGSH), mRNA."
"Homo sapiens small G protein signaling modulator 1 (SGSM1), transcript variant 1, mRNA."
"Homo sapiens small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha (SGTA), m
"Homo sapiens SH2B adaptor protein 1 (SH2B1), mRNA."
"Homo sapiens SH2B adaptor protein 2 (SH2B2), mRNA."
"Homo sapiens SH2B adaptor protein 3 (SH2B3), mRNA."
"Homo sapiens SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (SH2
"Homo sapiens SH2 domain protein 2A (SH2D2A), mRNA."
"Homo sapiens SH2 domain containing 3A (SH2D3A), mRNA."
"Homo sapiens SH2 domain containing 3C (SH2D3C), transcript variant 2, mRNA."
"Homo sapiens SH2 domain containing 4A (SH2D4A), mRNA."
"PREDICTED: Homo sapiens SH2 domain containing 5 (SH2D5), mRNA."
"Homo sapiens SH3 domain binding glutamic acid-rich protein (SH3BGR), transcript variant 1, n
"Homo sapiens SH3 domain binding glutamic acid-rich protein like (SH3BGRL), mRNA."
"Homo sapiens SH3 domain binding glutamic acid-rich protein like 2 (SH3BGRL2), mRNA."
"Homo sapiens SH3 domain binding glutamic acid-rich protein like 3 (SH3BGRL3), mRNA."
"Homo sapiens SH3-domain binding protein 1 (SH3BP1), mRNA."
"Homo sapiens SH3-domain binding protein 4 (SH3BP4), mRNA."
"Homo sapiens SH3-binding domain protein 5-like (SH3BP5L), mRNA."
"Homo sapiens SH3-domain GRB2-like 1 (SH3GL1), mRNA."
"Homo sapiens SH3-domain GRB2-like 2 (SH3GL2), mRNA."
"Homo sapiens SH3-domain GRB2-like endophilin B1 (SH3GLB1), mRNA."
"Homo sapiens SH3-domain GRB2-like endophilin B2 (SH3GLB2), mRNA."
"Homo sapiens SH3-domain kinase binding protein 1 (SH3KBP1), transcript variant 1, mRNA."
"Homo sapiens SH3 and PX domains 2A (SH3PXD2A), mRNA."
"Homo sapiens SH3 domain and tetratricopeptide repeats 1 (SH3TC1), mRNA."
"Homo sapiens SH3 domain containing, Ysc84-like 1 (S. cerevisiae) (SH3YL1), mRNA."
"Homo sapiens SH3 and multiple ankyrin repeat domains 3 (SHANK3), mRNA."
"Homo sapiens SHANK-associated RH domain interactor (SHARPIN), mRNA."
"Homo sapiens Src homology 2 domain containing adaptor protein B (SHB), mRNA."
"Homo sapiens sex hormone-binding globulin (SHBG), mRNA."
"Homo sapiens SHC (Src homology 2 domain containing) transforming protein 1 (SHC1), transc
"Homo sapiens SHC (Src homology 2 domain containing) family, member 4 (SHC4), mRNA."
"Homo sapiens SHC SH2-domain binding protein 1 (SHCBP1), mRNA."

"Homo sapiens Src homology 2 domain containing transforming protein D (SHD), mRNA."
"Homo sapiens Src homology 2 domain containing E (SHE), mRNA."
"Homo sapiens split hand/foot malformation (ectrodactyly) type 1 (SHFM1), mRNA."
"Homo sapiens shisa homolog 2 (Xenopus laevis) (SHISA2), mRNA."
"Homo sapiens shisa homolog 3 (Xenopus laevis) (SHISA3), mRNA."
"Homo sapiens shisa homolog 5 (Xenopus laevis) (SHISA5), mRNA."
"Homo sapiens SH3KBP1 binding protein 1 (SHKBP1), mRNA."
"Homo sapiens serine hydroxymethyltransferase 1 (soluble) (SHMT1), transcript variant 1, mRN
"Homo sapiens serine hydroxymethyltransferase 2 (mitochondrial) (SHMT2), nuclear gene enco
"Homo sapiens soc-2 suppressor of clear homolog (C. elegans) (SHOC2), mRNA."
"Homo sapiens short stature homeobox 2 (SHOX2), transcript variant SHOX2a, mRNA."
"Homo sapiens sedoheptulokinase (SHPK), mRNA."
"Homo sapiens SNF2 histone linker PHD RING helicase (SHPRH), transcript variant 2, mRNA."
"Homo sapiens SHQ1 homolog (S. cerevisiae) (SHQ1), mRNA."
"Homo sapiens shroom (SHRM), mRNA."
"Homo sapiens shroom family member 1 (SHROOM1), mRNA."
"Homo sapiens shroom family member 2 (SHROOM2), mRNA."
"Homo sapiens shroom family member 4 (SHROOM4), mRNA."
"Homo sapiens seven in absentia homolog 1 (Drosophila) (SIAH1), transcript variant 2, mRNA."
"Homo sapiens seven in absentia homolog 2 (Drosophila) (SIAH2), mRNA."
"Homo sapiens SID1 transmembrane family, member 1 (SIDT1), mRNA."
"Homo sapiens SID1 transmembrane family, member 2 (SIDT2), mRNA."
"Homo sapiens sialic acid binding Ig-like lectin 10 (SIGLEC10), mRNA."
"Homo sapiens sialic acid binding Ig-like lectin 14 (SIGLEC14), mRNA."
"Homo sapiens sialic acid binding Ig-like lectin, pseudogene 3 (SIGLECP3), non-coding RNA."
"Homo sapiens sigma non-opioid intracellular receptor 1 (SIGMAR1), transcript variant 2, mRNA
"Homo sapiens salt-inducible kinase 1 (SIK1), mRNA."
"Homo sapiens salt-inducible kinase 2 (SIK2), mRNA."
"Homo sapiens SIK family kinase 3 (SIK3), mRNA."
"Homo sapiens suppressor of IKK epsilon (SIKE), mRNA."
"Homo sapiens SIL1 homolog, endoplasmic reticulum chaperone (S. cerevisiae) (SIL1), transcri
"Homo sapiens silver homolog (mouse) (SILV), mRNA."
"Homo sapiens SIN3 homolog A, transcription regulator (yeast) (SIN3A), mRNA."
"Homo sapiens SIN3 homolog B, transcription regulator (yeast) (SIN3B), mRNA."
"Homo sapiens survival of motor neuron protein interacting protein 1 (SIP1), transcript variant be
"Homo sapiens signal-induced proliferation-associated gene 1 (SIPA1), transcript variant 1, mRI
"Homo sapiens signal-induced proliferation-associated 1 like 1 (SIPA1L1), mRNA."
"Homo sapiens signal-induced proliferation-associated 1 like 2 (SIPA1L2), mRNA."
"Homo sapiens signal-regulatory protein alpha (SIRPA), transcript variant 2, mRNA."
"Homo sapiens sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae) (SI
"Homo sapiens sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae) (SI
"Homo sapiens sirtuin (silent mating type information regulation 2 homolog) 4 (S. cerevisiae) (SI
"Homo sapiens sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae) (SI
"Homo sapiens sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae) (SI

"Homo sapiens signaling threshold regulating transmembrane adaptor 1 (SIT1), mRNA."
"Homo sapiens CD27-binding (Siva) protein (SIVA), transcript variant 1, mRNA."
"Homo sapiens SIVA1, apoptosis-inducing factor (SIVA1), transcript variant 2, mRNA."
"Homo sapiens SIX homeobox 1 (SIX1), mRNA."
"Homo sapiens SIX homeobox 2 (SIX2), mRNA."
"Homo sapiens SIX homeobox 4 (SIX4), mRNA."
"Homo sapiens SIX homeobox 5 (SIX5), mRNA."
"Homo sapiens SIX homeobox 6 (SIX6), mRNA."
"Homo sapiens spindle and kinetochore associated complex subunit 1 (SKA1), transcript varian
"Homo sapiens spindle and kinetochore associated complex subunit 2 (SKA2), transcript varian
"Homo sapiens src kinase associated phosphoprotein 1 (SKAP1), transcript variant 1, mRNA."
"Homo sapiens src kinase associated phosphoprotein 2 (SKAP2), mRNA."
"PREDICTED: Homo sapiens sporadic kidney cancer gene 1 (SKCG-1), miscRNA."
"Homo sapiens v-ski sarcoma viral oncogene homolog (avian) (SKI), mRNA."
"Homo sapiens SKI-like oncogene (SKIL), mRNA."
"Homo sapiens skeletal muscle and kidney enriched inositol phosphatase (SKIP), transcript vari
"Homo sapiens superkiller viralicidic activity 2-like (S. cerevisiae) (SKIV2L), mRNA."
"Homo sapiens superkiller viralicidic activity 2-like 2 (S. cerevisiae) (SKIV2L2), mRNA."
"Homo sapiens S-phase kinase-associated protein 1 (SKP1), transcript variant 1, mRNA."
"Homo sapiens S-phase kinase-associated protein 2 (p45) (SKP2), transcript variant 1, mRNA."
"Homo sapiens Src-like-adaptor (SLA), transcript variant 1, mRNA."
"Homo sapiens Src-like-adaptor 2 (SLA2), transcript variant 1, mRNA."
"Homo sapiens SLAIN motif family, member 1 (SLAIN1), transcript variant 1, mRNA."
"Homo sapiens SLAIN motif family, member 2 (SLAIN2), mRNA."
"Homo sapiens signaling lymphocytic activation molecule family member 1 (SLAMF1), mRNA."
"Homo sapiens SLAM family member 6 (SLAMF6), mRNA."
"Homo sapiens SLAM family member 7 (SLAMF7), mRNA."
"Homo sapiens SLAM family member 9 (SLAMF9), mRNA."
"Homo sapiens stem-loop binding protein (SLBP), mRNA."
"Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter family), member 3 (SLC1
"Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter family), member 7 (SLC1
"Homo sapiens solute carrier family 11 (proton-coupled divalent metal ion transporters), membe
"Homo sapiens solute carrier family 12 (sodium/potassium/chloride transporters), member 2 (SL
"Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 4 (SLC12A4)
"Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 6 (SLC12A6)
"Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 8 (SLC12A8)
"Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 9 (SLC12A9)
"Homo sapiens solute carrier family 13 (sodium/sulfate symporters), member 1 (SLC13A1), mRI
"Homo sapiens solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2
"Homo sapiens solute carrier family 13 (sodium/sulfate symporters), member 4 (SLC13A4), mRI
"Homo sapiens solute carrier family 15 (H+/peptide transporter), member 2 (SLC15A2), mRNA."
"Homo sapiens solute carrier family 15, member 3 (SLC15A3), mRNA."
"Homo sapiens solute carrier family 15, member 4 (SLC15A4), mRNA."
"Homo sapiens solute carrier family 16, member 1 (monocarboxylic acid transporter 1) (SLC16A

"Homo sapiens solute carrier family 16, member 10 (aromatic amino acid transporter) (SLC16A1
"Homo sapiens solute carrier family 16, member 12 (monocarboxylic acid transporter 12) (SLC1
"Homo sapiens solute carrier family 16, member 3 (monocarboxylic acid transporter 4) (SLC16A
"Homo sapiens solute carrier family 16, member 6 (monocarboxylic acid transporter 7) (SLC16A
"Homo sapiens solute carrier family 17 (sodium phosphate), member 4 (SLC17A4), mRNA."
"Homo sapiens solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter),
"Homo sapiens solute carrier family 17, member 9 (SLC17A9), mRNA."
"Homo sapiens solute carrier family 18 (vesicular monoamine), member 1 (SLC18A1), mRNA."
"Homo sapiens solute carrier family 19 (folate transporter), member 1 (SLC19A1), mRNA."
"Homo sapiens solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, sys
"Homo sapiens solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 (SL
"Homo sapiens solute carrier family 1 (neutral amino acid transporter), member 5 (SLC1A5), mR
"Homo sapiens solute carrier family 20 (phosphate transporter), member 1 (SLC20A1), mRNA."
"Homo sapiens solute carrier family 20 (phosphate transporter), member 2 (SLC20A2), mRNA."
"Homo sapiens solute carrier family 22 (organic cation transporter), member 1 (SLC22A1), trans
"Homo sapiens solute carrier family 22, member 17 (SLC22A17), transcript variant 2, mRNA."
"Homo sapiens solute carrier family 22 (organic cation transporter), member 18 (SLC22A18), tra
"Homo sapiens solute carrier family 22, member 20 (SLC22A20), mRNA."
"Homo sapiens solute carrier family 22 (organic cation/ergothioneine transporter), member 4 (SL
"Homo sapiens solute carrier family 22 (organic cation transporter), member 5 (SLC22A5), mRN
"Homo sapiens solute carrier family 22 (organic anion transporter), member 9 (SLC22A9), mRN
"Homo sapiens solute carrier family 23 (nucleobase transporters), member 1 (SLC23A1), transc
"Homo sapiens solute carrier family 23 (nucleobase transporters), member 3 (SLC23A3), mRNA
"Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 (SLC
"Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 2 (SLC
"Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 4 (SLC
"Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 6 (SLC
"Homo sapiens solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1 (SL
"Homo sapiens solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), membe
"Homo sapiens solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 (
"Homo sapiens solute carrier family 25 (mitochondrial carrier, Aralar), member 12 (SLC25A12),
"Homo sapiens solute carrier family 25, member 13 (citrin) (SLC25A13), mRNA."
"Homo sapiens solute carrier family 25 (mitochondrial carrier, brain), member 14 (SLC25A14), n
"Homo sapiens solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15
"Homo sapiens solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 3
"Homo sapiens solute carrier family 25 (mitochondrial carrier), member 18 (SLC25A18), nuclear
"Homo sapiens solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member
"PREDICTED: Homo sapiens solute carrier family 25 (carnitine/acylcarnitine translocase), meml
"Homo sapiens solute carrier family 25 (mitochondrial carrier: glutamate), member 22 (SLC25A2
"Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23 (S
"Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24 (S
"Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25 (S
"Homo sapiens solute carrier family 25, member 26 (SLC25A26), transcript variant 1, mRNA."
"Homo sapiens solute carrier family 25, member 27 (SLC25A27), nuclear gene encoding mitoch

"Homo sapiens solute carrier family 25, member 28 (SLC25A28), mRNA."
"Homo sapiens solute carrier family 25, member 29 (SLC25A29), nuclear gene encoding mitoch
"Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 (SL
"Homo sapiens solute carrier family 25, member 34 (SLC25A34), mRNA."
"Homo sapiens solute carrier family 25, member 35 (SLC25A35), mRNA."
"Homo sapiens solute carrier family 25, member 36 (SLC25A36), mRNA."
"Homo sapiens solute carrier family 25, member 37 (SLC25A37), nuclear gene encoding mitoch
"Homo sapiens solute carrier family 25, member 38 (SLC25A38), mRNA."
"Homo sapiens solute carrier family 25, member 39 (SLC25A39), mRNA."
"Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), r
"Homo sapiens solute carrier family 25, member 40 (SLC25A40), nuclear gene encoding mitoch
"Homo sapiens solute carrier family 25, member 41 (SLC25A41), mRNA."
"Homo sapiens solute carrier family 25, member 42 (SLC25A42), mRNA."
"Homo sapiens solute carrier family 25, member 43 (SLC25A43), mRNA."
"Homo sapiens solute carrier family 25, member 44 (SLC25A44), mRNA."
"Homo sapiens solute carrier family 25, member 46 (SLC25A46), mRNA."
"Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), r
"Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), r
"Homo sapiens solute carrier family 26 (sulfate transporter), member 2 (SLC26A2), mRNA."
"Homo sapiens solute carrier family 26, member 6 (SLC26A6), transcript variant 3, mRNA."
"Homo sapiens solute carrier family 27 (fatty acid transporter), member 1 (SLC27A1), mRNA."
"Homo sapiens solute carrier family 27 (fatty acid transporter), member 2 (SLC27A2), mRNA."
"Homo sapiens solute carrier family 27 (fatty acid transporter), member 5 (SLC27A5), mRNA."
"Homo sapiens solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1), nuclea
"Homo sapiens solute carrier family 29 (nucleoside transporters), member 2 (SLC29A2), mRNA
"Homo sapiens solute carrier family 29 (nucleoside transporters), member 3 (SLC29A3), mRNA
"Homo sapiens solute carrier family 29 (nucleoside transporters), member 4 (SLC29A4), transcr
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 1 (SLC2A1), mR
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 11 (SLC2A11), t
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 12 (SLC2A12), r
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 14 (SLC2A14), r
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 3 (SLC2A3), mR
"Homo sapiens SLC2A4 regulator (SLC2A4RG), mRNA."
"Homo sapiens solute carrier family 2 (facilitated glucose/fructose transporter), member 5 (SLC2
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 6 (SLC2A6), mR
"Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 8 (SLC2A8), mR
"Homo sapiens solute carrier family 30 (zinc transporter), member 1 (SLC30A1), mRNA."
"Homo sapiens solute carrier family 30 (zinc transporter), member 3 (SLC30A3), mRNA."
"Homo sapiens solute carrier family 30 (zinc transporter), member 5 (SLC30A5), transcript varia
"Homo sapiens solute carrier family 30 (zinc transporter), member 7 (SLC30A7), mRNA."
"Homo sapiens solute carrier family 30 (zinc transporter), member 9 (SLC30A9), mRNA."
"Homo sapiens solute carrier family 31 (copper transporters), member 1 (SLC31A1), mRNA."
"Homo sapiens solute carrier family 31 (copper transporters), member 2 (SLC31A2), mRNA."
"Homo sapiens solute carrier family 33 (acetyl-CoA transporter), member 1 (SLC33A1), mRNA.'

"Homo sapiens solute carrier family 35 (CMP-sialic acid transporter), member A1 (SLC35A1), m
"Homo sapiens solute carrier family 35 (UDP-galactose transporter), member A2 (SLC35A2), tra
"Homo sapiens solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), r
"Homo sapiens solute carrier family 35, member A4 (SLC35A4), mRNA."
"Homo sapiens solute carrier family 35, member A5 (SLC35A5), mRNA."
"Homo sapiens solute carrier family 35, member B1 (SLC35B1), mRNA."
"Homo sapiens solute carrier family 35, member B2 (SLC35B2), mRNA."
"Homo sapiens solute carrier family 35, member B3 (SLC35B3), mRNA."
"Homo sapiens solute carrier family 35, member B4 (SLC35B4), mRNA."
"Homo sapiens solute carrier family 35, member C1 (SLC35C1), mRNA."
"Homo sapiens solute carrier family 35, member C2 (SLC35C2), transcript variant 2, mRNA."
"Homo sapiens solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual t
"Homo sapiens solute carrier family 35, member E1 (SLC35E1), mRNA."
"Homo sapiens solute carrier family 35, member E3 (SLC35E3), mRNA."
"Homo sapiens solute carrier family 35, member E4 (SLC35E4), mRNA."
"Homo sapiens solute carrier family 35, member F1 (SLC35F1), mRNA."
"Homo sapiens solute carrier family 35, member F2 (SLC35F2), mRNA."
"Homo sapiens solute carrier family 35, member F5 (SLC35F5), mRNA."
"Homo sapiens solute carrier family 36 (proton/amino acid symporter), member 1 (SLC36A1), m
"Homo sapiens solute carrier family 36 (proton/amino acid symporter), member 4 (SLC36A4), m
"Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter), member 1 (SLC37A1
"Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter), member 3 (SLC37A3
"Homo sapiens solute carrier family 37 (glucose-6-phosphate transporter), member 4 (SLC37A4
"Homo sapiens solute carrier family 38, member 1 (SLC38A1), transcript variant 1, mRNA."
"Homo sapiens solute carrier family 38, member 10 (SLC38A10), transcript variant 2, mRNA."
"Homo sapiens solute carrier family 38, member 2 (SLC38A2), mRNA."
"Homo sapiens solute carrier family 38, member 5 (SLC38A5), mRNA."
"Homo sapiens solute carrier family 38, member 6 (SLC38A6), mRNA."
"Homo sapiens solute carrier family 38, member 7 (SLC38A7), mRNA."
"Homo sapiens solute carrier family 38, member 9 (SLC38A9), mRNA."
"Homo sapiens solute carrier family 39 (zinc transporter), member 1 (SLC39A1), mRNA."
"Homo sapiens solute carrier family 39 (zinc transporter), member 10 (SLC39A10), mRNA."
"Homo sapiens solute carrier family 39 (metal ion transporter), member 11 (SLC39A11), mRNA.
"Homo sapiens solute carrier family 39 (zinc transporter), member 12 (SLC39A12), mRNA."
"Homo sapiens solute carrier family 39 (zinc transporter), member 14 (SLC39A14), mRNA."
"Homo sapiens solute carrier family 39 (zinc transporter), member 3 (SLC39A3), transcript varia
"Homo sapiens solute carrier family 39 (zinc transporter), member 4 (SLC39A4), transcript varia
"Homo sapiens solute carrier family 39 (metal ion transporter), member 5 (SLC39A5), mRNA."
"Homo sapiens solute carrier family 39 (zinc transporter), member 8 (SLC39A8), transcript varia
"Homo sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), mRNA."
"Homo sapiens solute carrier family 3 (activators of dibasic and neutral amino acid transport), m
"Homo sapiens solute carrier family 40 (iron-regulated transporter), member 1 (SLC40A1), mRN
"Homo sapiens solute carrier family 41, member 1 (SLC41A1), mRNA."
"Homo sapiens solute carrier family 41, member 2 (SLC41A2), mRNA."

"Homo sapiens solute carrier family 41, member 3 (SLC41A3), transcript variant 1, mRNA."
"Homo sapiens solute carrier family 43, member 1 (SLC43A1), mRNA."
"Homo sapiens solute carrier family 43, member 2 (SLC43A2), mRNA."
"Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA."
"Homo sapiens solute carrier family 44, member 1 (SLC44A1), mRNA."
"Homo sapiens solute carrier family 44, member 2 (SLC44A2), mRNA."
"Homo sapiens solute carrier family 44, member 3 (SLC44A3), mRNA."
"Homo sapiens solute carrier family 44, member 4 (SLC44A4), mRNA."
"Homo sapiens solute carrier family 45, member 2 (SLC45A2), transcript variant 2, mRNA."
"Homo sapiens solute carrier family 45, member 3 (SLC45A3), mRNA."
"Homo sapiens solute carrier family 45, member 4 (SLC45A4), mRNA."
"Homo sapiens solute carrier family 46 (folate transporter), member 1 (SLC46A1), mRNA."
"Homo sapiens solute carrier family 46, member 3 (SLC46A3), mRNA."
"Homo sapiens solute carrier family 48 (heme transporter), member 1 (SLC48A1), mRNA."
"Homo sapiens solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane prot
"Homo sapiens solute carrier family 4, sodium borate transporter, member 11 (SLC4A11), mRN
"Homo sapiens solute carrier family 4 (anion exchanger), member 1, adaptor protein (SLC4A1A
"Homo sapiens solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane prot
"Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 5 (SLC4A5),
"Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 7 (SLC4A7),
"Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 8 (SLC4A8),
"Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), member 10 (SLC5A10), t
"Homo sapiens solute carrier family 5 (sodium/myo-inositol cotransporter), member 3 (SLC5A3)
"Homo sapiens solute carrier family 5 (sodium-dependent vitamin transporter), member 6 (SLC5
"Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), member 9 (SLC5A9), mR
"Homo sapiens solute carrier family 6 (neurotransmitter transporter, creatine), member 10 (pseu
"Homo sapiens solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12
"Homo sapiens solute carrier family 6, member 16 (SLC6A16), mRNA."
"Homo sapiens solute carrier family 6 (neutral amino acid transporter), member 19 (SLC6A19),
"Homo sapiens solute carrier family 6 (neurotransmitter transporter, taurine), member 6 (SLC6A
"Homo sapiens solute carrier family 6 (neurotransmitter transporter, creatine), member 8 (SLC6
"Homo sapiens solute carrier family 6 (neurotransmitter transporter, glycine), member 9 (SLC6A
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 (S
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 (S
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 4 (S
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 5 (S
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 5 ps
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 6 (S
"Homo sapiens solute carrier family 7, member 6 opposite strand (SLC7A6OS), mRNA."
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 7 (S
"Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 9 (S
"Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 2 (SLC8A2), mRNA
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 1 (SLC9A1), mRN
"Homo sapiens solute carrier family 9, member 10 (SLC9A10), mRNA."

"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 (SL
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 5 (SLC9A5), mRN
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 6 (SLC9A6), trans
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 7 (SLC9A7), mRN
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 8 (SLC9A8), mRN
"Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 9 (SLC9A9), mRN
"Homo sapiens solute carrier organic anion transporter family, member 2B1 (SLCO2B1), mRNA
"Homo sapiens solute carrier organic anion transporter family, member 3A1 (SLCO3A1), mRNA
"Homo sapiens solute carrier organic anion transporter family, member 4A1 (SLCO4A1), mRNA
"Homo sapiens solute carrier organic anion transporter family, member 4C1 (SLCO4C1), mRNA
"Homo sapiens schlafen family member 11 (SLFN11), mRNA."
"Homo sapiens schlafen family member 12 (SLFN12), mRNA."
"Homo sapiens schlafen family member 5 (SLFN5), mRNA."
"Homo sapiens STE20-like kinase (yeast) (SLK), mRNA."
"Homo sapiens sarcolemma associated protein (SLMAP), mRNA."
"Homo sapiens slowmo homolog 1 (Drosophila) (SLMO1), mRNA."
"Homo sapiens slowmo homolog 2 (Drosophila) (SLMO2), mRNA."
"Homo sapiens sarcolipin (SLN), mRNA."
"Homo sapiens SAFB-like, transcription modulator (SLTM), transcript variant 1, mRNA."
"Homo sapiens SLU7 splicing factor homolog (S. cerevisiae) (SLU7), mRNA."
"Homo sapiens SMA4 (SMA4), mRNA."
"Homo sapiens SMA5 (SMA5), mRNA."
"Homo sapiens SMAD family member 2 (SMAD2), transcript variant 2, mRNA."
"Homo sapiens SMAD family member 3 (SMAD3), transcript variant 1, mRNA."
"Homo sapiens SMAD family member 4 (SMAD4), mRNA."
"Homo sapiens SMAD family member 5 (SMAD5), transcript variant 1, mRNA."
"Homo sapiens SMAD family member 6 (SMAD6), transcript variant 1, mRNA."
"Homo sapiens SMAD family member 7 (SMAD7), mRNA."
"Homo sapiens small cell adhesion glycoprotein (SMAGP), transcript variant 1, mRNA."
"Homo sapiens small ArfGAP 1 (SMAP1), transcript variant 2, mRNA."
"Homo sapiens small ArfGAP2 (SMAP2), mRNA."
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, sul
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su
"Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, su

"Homo sapiens structural maintenance of chromosomes 1A (SMC1A), mRNA."
"Homo sapiens structural maintenance of chromosomes 2 (SMC2), transcript variant 1, mRNA."
"Homo sapiens structural maintenance of chromosomes 4 (SMC4), transcript variant 1, mRNA."
"Homo sapiens structural maintenance of chromosomes 6 (SMC6), mRNA."
"Homo sapiens structural maintenance of chromosomes flexible hinge domain containing 1 (SM
"Homo sapiens sperm mitochondria-associated cysteine-rich protein (SMCP), nuclear gene enc
"Homo sapiens Smith-Magenis syndrome chromosome region, candidate 5 (non-protein coding)
"Homo sapiens Smith-Magenis syndrome chromosome region, candidate 7-like (SMCR7L), mRI
"Homo sapiens SMEK homolog 1, suppressor of mek1 (Dictyostelium) (SMEK1), mRNA."
"Homo sapiens SMEK homolog 2, suppressor of mek1 (Dictyostelium) (SMEK2), mRNA."
"Homo sapiens PI-3-kinase-related kinase SMG-1 (SMG1), mRNA."
"Homo sapiens Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG5),
"Homo sapiens Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG6),
"Homo sapiens Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG7),
"Homo sapiens survival of motor neuron 1, telomeric (SMN1), transcript variant b, mRNA."
"Homo sapiens survival of motor neuron 2, centromeric (SMN2), transcript variant a, mRNA."
"Homo sapiens survival motor neuron domain containing 1 (SMNDC1), mRNA."
"Homo sapiens smoothened homolog (Drosophila) (SMO), mRNA."
"Homo sapiens spermine oxidase (SMOX), transcript variant 2, mRNA."
"Homo sapiens sphingomyelin phosphodiesterase 1, acid lysosomal (SMPD1), transcript variant
"Homo sapiens sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelina
"Homo sapiens sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelina
"Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelina
"Homo sapiens sphingomyelin phosphodiesterase, acid-like 3A (SMPDL3A), mRNA."
"Homo sapiens sphingomyelin phosphodiesterase, acid-like 3B (SMPDL3B), transcript variant 2
"Homo sapiens submaxillary gland androgen regulated protein 3A (SMR3A), mRNA."
"Homo sapiens spermine synthase (SMS), mRNA."
"Homo sapiens smoothelin (SMTN), transcript variant 2, mRNA."
"Homo sapiens smoothelin-like 2 (SMTNL2), mRNA."
"Homo sapiens smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans) (SMU1), mRNA."
"Homo sapiens single-strand-selective monofunctional uracil-DNA glycosylase 1 (SMUG1), mRN
"PREDICTED: Homo sapiens SET and MYND domain containing 2 (SMYD2), mRNA."
"Homo sapiens SET and MYND domain containing 3 (SMYD3), mRNA."
"Homo sapiens SET and MYND domain containing 4 (SMYD4), mRNA."
"Homo sapiens SMYD family member 5 (SMYD5), mRNA."
"Homo sapiens snail homolog 1 (Drosophila) (SNAI1), mRNA."
"Homo sapiens snail homolog 2 (Drosophila) (SNAI2), mRNA."
"Homo sapiens snail homolog 3 (Drosophila) (SNAI3), mRNA."
"Homo sapiens synaptosomal-associated protein, 23kDa (SNAP23), transcript variant 1, mRNA.
"Homo sapiens synaptosomal-associated protein, 29kDa (SNAP29), mRNA."
"Homo sapiens synaptosomal-associated protein, 47kDa (SNAP47), mRNA."
"Homo sapiens small nuclear RNA activating complex, polypeptide 1, 43kDa (SNAPC1), mRNA
"Homo sapiens small nuclear RNA activating complex, polypeptide 2, 45kDa (SNAPC2), mRNA
"Homo sapiens small nuclear RNA activating complex, polypeptide 3, 50kDa (SNAPC3), mRNA

"Homo sapiens small nuclear RNA activating complex, polypeptide 4, 190kDa (SNAPC4), mRN
"Homo sapiens small nuclear RNA activating complex, polypeptide 5, 19kDa (SNAPC5), mRNA
"Homo sapiens SNAP-associated protein (SNAPIN), mRNA."
"Homo sapiens synuclein, alpha interacting protein (SNCAIP), mRNA."
"Homo sapiens synuclein, beta (SNCB), transcript variant 1, mRNA."
"Homo sapiens staphylococcal nuclease and tudor domain containing 1 (SND1), mRNA."
"Homo sapiens SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae) (SNF8), mRNA."
"Homo sapiens small nucleolar RNA host gene 1 (non-protein coding) (SNHG1), non-coding RN
"Homo sapiens small nucleolar RNA host gene 10 (non-protein coding) (SNHG10), non-coding R
"Homo sapiens small nucleolar RNA host gene 12 (non-protein coding) (SNHG12), non-coding R
"Homo sapiens small nucleolar RNA host gene 3 (non-protein coding) (SNHG3), non-coding RN
"Homo sapiens SNHG3-RCC1 readthrough transcript (SNHG3-RCC1), transcript variant 2, mRN
Homo sapiens small nucleolar RNA host gene (non-protein coding) 4 (SNHG4) on chromosome
Homo sapiens small nucleolar RNA host gene (non-protein coding) 5 (SNHG5) on chromosome
"Homo sapiens small nucleolar RNA host gene 6 (non-protein coding) (SNHG6), non-coding RN
"Homo sapiens small nucleolar RNA host gene 7 (non-protein coding) (SNHG7), transcript varia
Homo sapiens small nucleolar RNA host gene (non-protein coding) 8 (SNHG8) on chromosome
"Homo sapiens small nucleolar RNA host gene 9 (non-protein coding) (SNHG9), non-coding RN
"Homo sapiens Smad nuclear interacting protein 1 (SNIP1), mRNA."
"Homo sapiens stannin (SNN), mRNA."
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"Homo sapiens small nucleolar RNA, H/ACA box 70C (retrotransposed) (SNORA70C), non-codi
"Homo sapiens small nucleolar RNA, H/ACA box 71A (SNORA71A), small nucleolar RNA."
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"Homo sapiens SNF related kinase (SNRK), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 200kDa (U5) (SNRNP200), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 25kDa (U11/U12) (SNRNP25), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 27kDa (U4/U6.U5) (SNRNP27), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 35kDa (U11/U12) (SNRNP35), transcript variant
"Homo sapiens small nuclear ribonucleoprotein 40kDa (U5) (SNRNP40), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 48kDa (U11/U12) (SNRNP48), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 70kDa (U1) (SNRNP70), mRNA."
"Homo sapiens small nuclear ribonucleoprotein 70kDa polypeptide (RNP antigen) (SNRP70), tra
"Homo sapiens small nuclear ribonucleoprotein polypeptide A (SNRPA), mRNA."

"Homo sapiens small nuclear ribonucleoprotein polypeptide A' (SNRPA1), mRNA."
"Homo sapiens small nuclear ribonucleoprotein polypeptides B and B1 (SNRPB), transcript varia
"Homo sapiens small nuclear ribonucleoprotein polypeptide B'' (SNRPB2), transcript variant 1, n
"Homo sapiens small nuclear ribonucleoprotein polypeptide C (SNRPC), mRNA."
"Homo sapiens small nuclear ribonucleoprotein D1 polypeptide 16kDa (SNRPD1), mRNA."
"Homo sapiens small nuclear ribonucleoprotein D2 polypeptide 16.5kDa (SNRPD2), transcript v
"Homo sapiens small nuclear ribonucleoprotein D3 polypeptide 18kDa (SNRPD3), mRNA."
"Homo sapiens small nuclear ribonucleoprotein polypeptide E (SNRPE), mRNA."
"Homo sapiens small nuclear ribonucleoprotein polypeptide F (SNRPF), mRNA."
"Homo sapiens small nuclear ribonucleoprotein polypeptide G (SNRPG), mRNA."
"Homo sapiens small nuclear ribonucleoprotein polypeptide N (SNRPN), transcript variant 3, mF
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"Homo sapiens syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1
"Homo sapiens syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2
"Homo sapiens snurportin 1 (SNUPN), transcript variant 3, mRNA."
"Homo sapiens SNRPN upstream reading frame (SNURF), transcript variant 1, mRNA."
"Homo sapiens SNW domain containing 1 (SNW1), mRNA."
"Homo sapiens sorting nexin 1 (SNX1), transcript variant 1, mRNA."
"Homo sapiens sorting nexin 10 (SNX10), mRNA."
"Homo sapiens sorting nexin 11 (SNX11), transcript variant 1, mRNA."
"Homo sapiens sorting nexin 12 (SNX12), mRNA."
"Homo sapiens sorting nexin 13 (SNX13), mRNA."
"Homo sapiens sorting nexin 14 (SNX14), transcript variant 2, mRNA."
"Homo sapiens sorting nexin 15 (SNX15), transcript variant A, mRNA."
"Homo sapiens sorting nexin 16 (SNX16), transcript variant 1, mRNA."
"Homo sapiens sorting nexin 17 (SNX17), mRNA."
"Homo sapiens sorting nexin 19 (SNX19), mRNA."
"Homo sapiens sorting nexin 2 (SNX2), mRNA."
"Homo sapiens sorting nexin 22 (SNX22), mRNA."
"Homo sapiens sorting nexin 24 (SNX24), mRNA."
"Homo sapiens sorting nexin 25 (SNX25), mRNA."
"Homo sapiens sorting nexin 26 (SNX26), mRNA."
"Homo sapiens sorting nexin family member 27 (SNX27), mRNA."
"Homo sapiens sorting nexin 29 (SNX29), mRNA."
"Homo sapiens sorting nexin 3 (SNX3), transcript variant 3, mRNA."
"Homo sapiens sorting nexin family member 30 (SNX30), mRNA."
"Homo sapiens sorting nexin 31 (SNX31), mRNA."
"Homo sapiens sorting nexin 4 (SNX4), mRNA."
"Homo sapiens sorting nexin 5 (SNX5), transcript variant 1, mRNA."
"Homo sapiens sorting nexin 8 (SNX8), mRNA."
"Homo sapiens sine oculis binding protein homolog (Drosophila) (SOBP), mRNA."
"Homo sapiens suppressor of cytokine signaling 1 (SOCS1), mRNA."
"Homo sapiens suppressor of cytokine signaling 2 (SOCS2), mRNA."
"Homo sapiens suppressor of cytokine signaling 3 (SOCS3), mRNA."

"Homo sapiens suppressor of cytokine signaling 4 (SOCS4), transcript variant 1, mRNA."
"Homo sapiens suppressor of cytokine signaling 5 (SOCS5), transcript variant 2, mRNA."
"Homo sapiens superoxide dismutase 2, mitochondrial (SOD2), nuclear gene encoding mitocho
"Homo sapiens small optic lobes homolog (Drosophila) (SOLH), mRNA."
"Homo sapiens SON DNA binding protein (SON), transcript variant e, mRNA."
"Homo sapiens sorbin and SH3 domain containing 2 (SORBS2), transcript variant 1, mRNA."
"Homo sapiens sorbin and SH3 domain containing 3 (SORBS3), transcript variant 2, mRNA."
"Homo sapiens sortilin-related VPS10 domain containing receptor 3 (SORCS3), mRNA."
"PREDICTED: Homo sapiens sorbitol dehydrogenase (SORD), mRNA."
"Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA."
"Homo sapiens sortilin 1 (SORT1), mRNA."
"Homo sapiens son of sevenless homolog 1 (Drosophila) (SOS1), mRNA."
"Homo sapiens sclerostin domain containing 1 (SOSTDC1), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 12 (SOX12), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 15 (SOX15), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 18 (SOX18), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 2 (SOX2), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 4 (SOX4), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 7 (SOX7), mRNA."
"Homo sapiens SRY (sex determining region Y)-box 8 (SOX8), mRNA."
"Homo sapiens Sp1 transcription factor (SP1), transcript variant 1, mRNA."
"Homo sapiens SP100 nuclear antigen (SP100), transcript variant 1, mRNA."
"Homo sapiens SP110 nuclear body protein (SP110), transcript variant c, mRNA."
"Homo sapiens SP140 nuclear body protein (SP140), transcript variant 1, mRNA."
"Homo sapiens SP140 nuclear body protein-like (SP140L), mRNA."
"Homo sapiens Sp2 transcription factor (SP2), mRNA."
"Homo sapiens Sp3 transcription factor (SP3), transcript variant 1, mRNA."
"Homo sapiens Sp4 transcription factor (SP4), mRNA."
"Homo sapiens Sp6 transcription factor (SP6), mRNA."
"Homo sapiens sperm autoantigenic protein 17 (SPA17), mRNA."
"Homo sapiens sperm acrosome associated 1 (SPACA1), mRNA."
"Homo sapiens sperm acrosome associated 3 (SPACA3), mRNA."
"Homo sapiens sperm acrosome associated 4 (SPACA4), mRNA."
"Homo sapiens sperm associated antigen 1 (SPAG1), transcript variant 2, mRNA."
"Homo sapiens sperm associated antigen 16 (SPAG16), transcript variant 2, mRNA."
"Homo sapiens sperm associated antigen 4 (SPAG4), mRNA."
"Homo sapiens sperm associated antigen 5 (SPAG5), mRNA."
"Homo sapiens sperm associated antigen 6 (SPAG6), transcript variant 2, mRNA."
"Homo sapiens sperm associated antigen 7 (SPAG7), mRNA."
"Homo sapiens sperm associated antigen 9 (SPAG9), transcript variant 2, mRNA."
"Homo sapiens SPANX family, member N3 (SPANXN3), mRNA."
"Homo sapiens SPARC-like 1 (mast9, hevin) (SPARCL1), mRNA."
"Homo sapiens spastin (SPAST), transcript variant 1, mRNA."
"Homo sapiens spermatogenesis associated 12 (SPATA12), mRNA."

"Homo sapiens spermatogenesis associated 18 homolog (rat) (SPATA18), mRNA."
"Homo sapiens spermatogenesis associated 2 (SPATA2), mRNA."
"Homo sapiens spermatogenesis associated 20 (SPATA20), mRNA."
"Homo sapiens spermatogenesis associated 2-like (SPATA2L), mRNA."
"PREDICTED: Homo sapiens spermatogenesis associated 3 (SPATA3), misc RNA."
"Homo sapiens spermatogenesis associated 5-like 1 (SPATA5L1), mRNA."
"Homo sapiens spermatogenesis associated 7 (SPATA7), transcript variant 2, mRNA."
"Homo sapiens spermatogenesis associated, serine-rich 2 (SPATS2), mRNA."
"Homo sapiens spermatogenesis associated, serine-rich 2-like (SPATS2L), transcript variant 2,
"Homo sapiens SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae) (SPC
"Homo sapiens SPC25, NDC80 kinetochore complex component, homolog (S. cerevisiae) (SPC
"Homo sapiens signal peptidase complex subunit 1 homolog (S. cerevisiae) (SPCS1), mRNA."
"Homo sapiens signal peptidase complex subunit 2 homolog (S. cerevisiae) (SPCS2), mRNA."
"Homo sapiens signal peptidase complex subunit 3 homolog (S. cerevisiae) (SPCS3), mRNA."
"Homo sapiens sperm flagellar 1 (SPEF1), mRNA."
"Homo sapiens sperm flagellar 2 (SPEF2), transcript variant 2, mRNA."
"Homo sapiens spen homolog, transcriptional regulator (Drosophila) (SPEN), mRNA."
"Homo sapiens spastic paraplegia 11 (autosomal recessive) (SPG11), transcript variant 1, mRN
"PREDICTED: Homo sapiens spastic paraplegia 21 (autosomal recessive, Mast syndrome), trar
"Homo sapiens spastic paraplegia 3A (autosomal dominant) (SPG3A), transcript variant 1, mRN
"Homo sapiens spastic paraplegia 7 (pure and complicated autosomal recessive) (SPG7), nucle
"Homo sapiens S-phase response (cyclin-related) (SPHAR), mRNA."
"Homo sapiens sphingosine kinase 2 (SPHK2), mRNA."
"Homo sapiens spleen focus forming virus (SFFV) proviral integration oncogene spi1 (SPI1), tra
"Homo sapiens Spi-B transcription factor (Spi-1/PU.1 related) (SPIB), mRNA."
"Homo sapiens Spi-C transcription factor (Spi-1/PU.1 related) (SPIC), mRNA."
"Homo sapiens spindlin 1 (SPIN1), mRNA."
"Homo sapiens spindlin family, member 2A (SPIN2A), mRNA."
"Homo sapiens spindlin family, member 2B (SPIN2B), transcript variant 2, mRNA."
"Homo sapiens spindlin family, member 3 (SPIN3), mRNA."
"Homo sapiens spindlin family, member 4 (SPIN4), mRNA."
"Homo sapiens serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor) (SPINK2), mRN
"Homo sapiens serine peptidase inhibitor, Kazal type 5 (SPINK5), mRNA."
"Homo sapiens serine protease inhibitor Kazal-type 5-like 3 (SPINK5L3), mRNA."
"Homo sapiens serine peptidase inhibitor, Kunitz type 1 (SPINT1), transcript variant 2, mRNA."
"Homo sapiens serine peptidase inhibitor, Kunitz type, 2 (SPINT2), mRNA."
"Homo sapiens spire homolog 1 (Drosophila) (SPIRE1), transcript variant 2, mRNA."
"Homo sapiens spire homolog 2 (Drosophila) (SPIRE2), mRNA."
"Homo sapiens sialophorin (SPN), transcript variant 1, mRNA."
"Homo sapiens spinster homolog 1 (Drosophila) (SPNS1), mRNA."
"Homo sapiens spinster homolog 2 (Drosophila) (SPNS2), mRNA."
"Homo sapiens spinster homolog 3 (Drosophila) (SPNS3), mRNA."
"Homo sapiens sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1 (SPO
"Homo sapiens sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2 (SPO

"Homo sapiens spondin 1, extracellular matrix protein (SPON1), mRNA."
"Homo sapiens speckle-type POZ protein-like (SPOPL), mRNA."
"Homo sapiens secreted phosphoprotein 1 (SPP1), transcript variant 2, mRNA."
"Homo sapiens secreted phosphoprotein 2, 24kDa (SPP2), mRNA."
"Homo sapiens signal peptide peptidase-like 2A (SPPL2A), mRNA."
"Homo sapiens signal peptide peptidase-like 2B (SPPL2B), transcript variant 3, mRNA."
"Homo sapiens signal peptide peptidase 3 (SPPL3), mRNA."
"Homo sapiens sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase) (SPR), mRI
"Homo sapiens sprouty-related, EVH1 domain containing 1 (SPRED1), mRNA."
"Homo sapiens sprouty-related, EVH1 domain containing 2 (SPRED2), mRNA."
"Homo sapiens small proline-rich protein 2A (SPRR2A), mRNA."
"Homo sapiens small proline-rich protein 4 (SPRR4), mRNA."
"Homo sapiens sprouty homolog 1, antagonist of FGF signaling (Drosophila) (SPRY1), transcrip
"Homo sapiens sprouty homolog 2 (Drosophila) (SPRY2), mRNA."
"Homo sapiens sprouty homolog 4 (Drosophila) (SPRY4), mRNA."
"Homo sapiens SPRY domain containing 3 (SPRYD3), mRNA."
"Homo sapiens SPRY domain containing 4 (SPRYD4), mRNA."
"Homo sapiens SPRY domain containing 5 (SPRYD5), mRNA."
"Homo sapiens splA/ryanodine receptor domain and SOCS box containing 1 (SPSB1), mRNA."
"Homo sapiens splA/ryanodine receptor domain and SOCS box containing 2 (SPSB2), mRNA."
"Homo sapiens splA/ryanodine receptor domain and SOCS box containing 3 (SPSB3), mRNA."
"Homo sapiens spectrin, alpha, erythrocytic 1 (elliptocytosis 2) (SPTA1), mRNA."
"Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1), mRNA."
"Homo sapiens spectrin, beta, non-erythrocytic 1 (SPTBN1), transcript variant 2, mRNA."
"Homo sapiens spectrin, beta, non-erythrocytic 2 (SPTBN2), mRNA."
"Homo sapiens spectrin, beta, non-erythrocytic 4 (SPTBN4), transcript variant sigma1, mRNA."
"Homo sapiens serine palmitoyltransferase, long chain base subunit 1 (SPTLC1), transcript vari
"Homo sapiens serine palmitoyltransferase, long chain base subunit 2 (SPTLC2), mRNA."
"Homo sapiens serine palmitoyltransferase, long chain base subunit 3 (SPTLC3), mRNA."
"Homo sapiens SPT2, Suppressor of Ty, domain containing 1 (S. cerevisiae) (SPTY2D1), mRNA
"Homo sapiens squalene epoxidase (SQLE), mRNA."
"Homo sapiens sulfide quinone reductase-like (yeast) (SQRDL), nuclear gene encoding mitocho
"Homo sapiens sequestosome 1 (SQSTM1), mRNA."
"Homo sapiens U2-associated SR140 protein (SR140), mRNA."
"Homo sapiens steroid receptor RNA activator 1 (SRA1), mRNA."
"Homo sapiens S1 RNA binding domain 1 (SRBD1), mRNA."
"Homo sapiens v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) (SRC), tra
"Homo sapiens steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-de
"Homo sapiens steroid 5 alpha-reductase 3 (SRD5A3), mRNA."
"Homo sapiens sterol regulatory element binding transcription factor 1 (SREBF1), transcript vari
"Homo sapiens serum response factor (c-fos serum response element-binding transcription fact
"Homo sapiens serum response factor binding protein 1 (SRFBP1), mRNA."
"Homo sapiens SLIT-ROBO Rho GTPase activating protein 1 (SRGAP1), mRNA."
"Homo sapiens SLIT-ROBO Rho GTPase activating protein 2 (SRGAP2), mRNA."

"PREDICTED: Homo sapiens misc_RNA (SRGAP2L), miscRNA."
"Homo sapiens SLIT-ROBO Rho GTPase activating protein 3 (SRGAP3), transcript variant 2, m
"Homo sapiens serglycin (SRGN), mRNA."
"Homo sapiens sorcin (SRI), transcript variant 1, mRNA."
"Homo sapiens sarcalumenin (SRL), mRNA."
"Homo sapiens spermidine synthase (SRM), mRNA."
"Homo sapiens signal recognition particle 14kDa (homologous Alu RNA binding protein) (SRP1
"Homo sapiens signal recognition particle 14kDa (homologous Alu RNA binding protein) pseudo
"Homo sapiens signal recognition particle 19kDa (SRP19), mRNA."
"Homo sapiens signal recognition particle 54kDa (SRP54), mRNA."
"Homo sapiens signal recognition particle 68kDa (SRP68), mRNA."
"Homo sapiens signal recognition particle 72kDa (SRP72), mRNA."
"Homo sapiens signal recognition particle 9kDa (SRP9), mRNA."
"Homo sapiens SFRS protein kinase 1 (SRPK1), mRNA."
"Homo sapiens SFRS protein kinase 2 (SRPK2), transcript variant 1, mRNA."
"Homo sapiens signal recognition particle receptor (docking protein) (SRPR), mRNA."
"Homo sapiens signal recognition particle receptor, B subunit (SRPRB), mRNA."
"Homo sapiens sushi-repeat-containing protein, X-linked (SRPX), mRNA."
"Homo sapiens serine racemase (SRR), mRNA."
"Homo sapiens SRR1 domain containing (SRRD), mRNA."
"Homo sapiens serine/arginine repetitive matrix 1 (SRRM1), mRNA."
"PREDICTED: Homo sapiens serine/arginine repetitive matrix 1-like (SRRM1L), mRNA."
"Homo sapiens serine/arginine repetitive matrix 2 (SRRM2), mRNA."
"Homo sapiens serine/arginine repetitive matrix 5 (SRRM5), mRNA."
"Homo sapiens sulfiredoxin 1 homolog (S. cerevisiae) (SRXN1), mRNA."
"Homo sapiens synovial sarcoma translocation, chromosome 18 (SS18), transcript variant 2, mR
"Homo sapiens synovial sarcoma translocation gene on chromosome 18-like 1 (SS18L1), mRNA
"Homo sapiens synovial sarcoma translocation gene on chromosome 18-like 2 (SS18L2), mRNA
"Homo sapiens Sjogren syndrome antigen B (autoantigen La) (SSB), mRNA."
"Homo sapiens single-stranded DNA binding protein 1 (SSBP1), mRNA."
"Homo sapiens single-stranded DNA binding protein 2 (SSBP2), mRNA."
"Homo sapiens single stranded DNA binding protein 3 (SSBP3), transcript variant 2, mRNA."
"Homo sapiens single stranded DNA binding protein 4 (SSBP4), transcript variant 1, mRNA."
"Homo sapiens sperm specific antigen 2 (SSFA2), mRNA."
"Homo sapiens slingshot homolog 2 (Drosophila) (SSH2), mRNA."
"Homo sapiens slingshot homolog 3 (Drosophila) (SSH3), mRNA."
"Homo sapiens Sjogren syndrome nuclear autoantigen 1 (SSNA1), mRNA."
"Homo sapiens sarcospan (Kras oncogene-associated gene) (SSPN), mRNA."
"Homo sapiens signal sequence receptor, alpha (translocon-associated protein alpha) (SSR1), r
"Homo sapiens signal sequence receptor, beta (translocon-associated protein beta) (SSR2), mR
"Homo sapiens signal sequence receptor, gamma (translocon-associated protein gamma) (SSR
"Homo sapiens signal sequence receptor, delta (translocon-associated protein delta) (SSR4), m
"Homo sapiens structure specific recognition protein 1 (SSRP1), mRNA."
"Homo sapiens Sjogren syndrome/scleroderma autoantigen 1 (SSSCA1), mRNA."

"Homo sapiens somatostatin receptor 2 (SSTR2), mRNA."
"Homo sapiens SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae) (SSU72),
"Homo sapiens synovial sarcoma, X breakpoint 2 interacting protein (SSX2IP), mRNA."
"Homo sapiens synovial sarcoma, X breakpoint 3 (SSX3), transcript variant 1, mRNA."
"Homo sapiens suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein) (
"Homo sapiens suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin) (ST14),
"Homo sapiens suppressor of tumorigenicity 20 (ST20), transcript variant 1, mRNA."
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 1 (ST3GAL1), transcript varian
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 2 (ST3GAL2), mRNA."
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3GAL3), transcript varian
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 4 (ST3GAL4), mRNA."
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 5 (ST3GAL5), transcript varian
"Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 6 (ST3GAL6), mRNA."
"Homo sapiens ST6 beta-galactosamide alpha-2,6-sialyltranferase 1 (ST6GAL1), transcript varia
"Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1, 3)-N-acetylgalactosamini
"Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1, 3)-N-acetylgalactosamini
"Homo sapiens suppression of tumorigenicity 7 (ST7), transcript variant a, mRNA."
Homo sapiens ST7 overlapping transcript 2 (antisense non-coding RNA) (ST7OT2) on chromos
"Homo sapiens ST7 overlapping transcript 4 (non-protein coding) (ST7OT4), non-coding RNA."
"Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 (ST8SIA1), mRNA
"Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2 (ST8SIA2), mRNA
"Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3 (ST8SIA3), mRNA
"Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4), transc
"Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5 (ST8SIA5), mRNA
"Homo sapiens stabilin 2 (STAB2), mRNA."
"Homo sapiens SH3 and cysteine rich domain 2 (STAC2), mRNA."
"Homo sapiens SH3 and cysteine rich domain 3 (STAC3), mRNA."
"Homo sapiens stromal antigen 1 (STAG1), mRNA."
"Homo sapiens stromal antigen 2 (STAG2), transcript variant 4, mRNA."
"Homo sapiens stromal antigen 3 (STAG3), mRNA."
"Homo sapiens stromal antigen 3-like 1 (STAG3L1), transcript variant 1, mRNA."
"Homo sapiens stromal antigen 3-like 2 (STAG3L2), mRNA."
"Homo sapiens stromal antigen 3-like 3 (STAG3L3), mRNA."
"Homo sapiens stromal antigen 3-like 4 (STAG3L4), mRNA."
"Homo sapiens signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM), m
"Homo sapiens signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 (STAM2),
"Homo sapiens STAM binding protein (STAMBP), transcript variant 1, mRNA."
"Homo sapiens STAM binding protein-like 1 (STAMBPL1), mRNA."
"Homo sapiens signal transducing adaptor family member 1 (STAP1), mRNA."
"Homo sapiens StAR-related lipid transfer (START) domain containing 10 (STARD10), mRNA."
"Homo sapiens StAR-related lipid transfer (START) domain containing 3 (STARD3), mRNA."
"Homo sapiens STARD3 N-terminal like (STARD3NL), mRNA."
"Homo sapiens StAR-related lipid transfer (START) domain containing 4 (STARD4), mRNA."
"Homo sapiens StAR-related lipid transfer (START) domain containing 5 (STARD5), mRNA."

"Homo sapiens START domain containing 7 (STARD7), transcript variant 2, mRNA."
"Homo sapiens signal transducer and activator of transcription 1, 91kDa (STAT1), transcript vari
"Homo sapiens signal transducer and activator of transcription 2, 113kDa (STAT2), mRNA."
"Homo sapiens signal transducer and activator of transcription 3 (acute-phase response factor)
"Homo sapiens signal transducer and activator of transcription 4 (STAT4), mRNA."
"Homo sapiens signal transducer and activator of transcription 5A (STAT5A), mRNA."
"Homo sapiens signal transducer and activator of transcription 5B (STAT5B), mRNA."
"Homo sapiens signal transducer and activator of transcription 6, interleukin-4 induced (STAT6)
"Homo sapiens staufen, RNA binding protein, homolog 1 (Drosophila) (STAU1), transcript variar
"Homo sapiens staufen, RNA binding protein, homolog 2 (Drosophila) (STAU2), mRNA."
"Homo sapiens stanniocalcin 1 (STC1), mRNA."
"Homo sapiens stanniocalcin 2 (STC2), mRNA."
"PREDICTED: Homo sapiens six transmembrane epithelial antigen of the prostate 1 (STEAP1),
"PREDICTED: Homo sapiens hypothetical STGC3 (STGC3), misc RNA."
"Homo sapiens SCL/TAL1 interrupting locus (STIL), transcript variant 2, mRNA."
"Homo sapiens stromal interaction molecule 1 (STIM1), mRNA."
"Homo sapiens stromal interaction molecule 2 (STIM2), mRNA."
"Homo sapiens stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein) (STIP1), mF
"Homo sapiens serine/threonine kinase 10 (STK10), mRNA."
"Homo sapiens serine/threonine kinase 11 (STK11), mRNA."
"Homo sapiens serine/threonine kinase 11 interacting protein (STK11IP), mRNA."
"Homo sapiens serine/threonine kinase 16 (STK16), transcript variant 2, mRNA."
"Homo sapiens serine/threonine kinase 17b (STK17B), mRNA."
"Homo sapiens serine/threonine kinase 19 (STK19), transcript variant 1, mRNA."
"Homo sapiens serine/threonine kinase 25 (STE20 homolog, yeast) (STK25), mRNA."
"Homo sapiens serine/threonine kinase 3 (STE20 homolog, yeast) (STK3), mRNA."
"Homo sapiens serine/threonine kinase 32A (STK32A), mRNA."
"Homo sapiens serine/threonine kinase 33 (STK33), mRNA."
"Homo sapiens serine/threonine kinase 35 (STK35), mRNA."
"Homo sapiens serine/threonine kinase 36, fused homolog (Drosophila) (STK36), mRNA."
"Homo sapiens serine/threonine kinase 38 (STK38), mRNA."
"Homo sapiens serine/threonine kinase 38 like (STK38L), mRNA."
"Homo sapiens serine threonine kinase 39 (STE20/SPS1 homolog, yeast) (STK39), mRNA."
"Homo sapiens serine/threonine kinase 4 (STK4), mRNA."
"Homo sapiens serine/threonine kinase 40 (STK40), mRNA."
"Homo sapiens stathmin 1 (STMN1), transcript variant 1, mRNA."
"Homo sapiens stathmin-like 2 (STMN2), mRNA."
"Homo sapiens stathmin-like 3 (STMN3), mRNA."
"Homo sapiens stathmin-like 4 (STMN4), mRNA."
"Homo sapiens stomatin (STOM), transcript variant 1, mRNA."
"Homo sapiens stomatin (EPB72)-like 1 (STOML1), mRNA."
"Homo sapiens stomatin (EPB72)-like 2 (STOML2), mRNA."
"Homo sapiens storkhead box 1 (STOX1), transcript variant 1, mRNA."
"Homo sapiens stimulated by retinoic acid 13 homolog (mouse) (STRA13), mRNA."

"Homo sapiens stimulated by retinoic acid gene 6 homolog (mouse) (STRA6), mRNA."
"Homo sapiens STE20-related kinase adaptor alpha (STRADA), transcript variant 3, mRNA."
"Homo sapiens STE20-related kinase adaptor beta (STRADB), mRNA."
"Homo sapiens serine/threonine kinase receptor associated protein (STRAP), mRNA."
"Homo sapiens spermatid perinuclear RNA binding protein (STRBP), mRNA."
"Homo sapiens stereocilin (STRC), mRNA."
"Homo sapiens striatin, calmodulin binding protein (STRN), mRNA."
"Homo sapiens striatin, calmodulin binding protein 3 (STRN3), transcript variant 2, mRNA."
"Homo sapiens striatin, calmodulin binding protein 4 (STRN4), transcript variant 2, mRNA."
"Homo sapiens steroid sulfatase (microsomal), isozyme S (STS), mRNA."
"Homo sapiens Cbl-interacting protein Sts-1 (STS-1), mRNA."
"Homo sapiens STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisi
"Homo sapiens STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisi
"Homo sapiens STIP1 homology and U-box containing protein 1 (STUB1), mRNA."
"Homo sapiens syntaxin 11 (STX11), mRNA."
"Homo sapiens syntaxin 12 (STX12), mRNA."
"Homo sapiens syntaxin 16 (STX16), transcript variant 1, mRNA."
"Homo sapiens syntaxin 17 (STX17), mRNA."
"Homo sapiens syntaxin 1A (brain) (STX1A), mRNA."
"Homo sapiens syntaxin 2 (STX2), transcript variant 2, mRNA."
"Homo sapiens syntaxin 3 (STX3), mRNA."
"Homo sapiens syntaxin 4 (STX4), mRNA."
"Homo sapiens syntaxin 5 (STX5), mRNA."
"Homo sapiens syntaxin 6 (STX6), mRNA."
"Homo sapiens syntaxin 7 (STX7), mRNA."
"Homo sapiens syntaxin 8 (STX8), mRNA."
"Homo sapiens syntaxin binding protein 1 (STXBP1), transcript variant 2, mRNA."
"Homo sapiens syntaxin binding protein 2 (STXBP2), mRNA."
"Homo sapiens syntaxin binding protein 3 (STXBP3), mRNA."
"Homo sapiens syntaxin binding protein 4 (STXBP4), mRNA."
"Homo sapiens syntaxin binding protein 5 (tomosyn) (STXBP5), mRNA."
"Homo sapiens syntaxin binding protein 5-like (STXBP5L), mRNA."
"Homo sapiens syntaxin binding protein 6 (amisyn) (STXBP6), mRNA."
"Homo sapiens serine/threonine/tyrosine interacting-like 1 (STYXL1), mRNA."
"Homo sapiens SUB1 homolog (S. cerevisiae) (SUB1), mRNA."
"Homo sapiens succinate-CoA ligase, ADP-forming, beta subunit (SUCLA2), mRNA."
"Homo sapiens succinate-CoA ligase, alpha subunit (SUCLG1), mRNA."
"Homo sapiens succinate-CoA ligase, GDP-forming, beta subunit (SUCLG2), mRNA."
"Homo sapiens succinate receptor 1 (SUCNR1), mRNA."
"Homo sapiens suppressor of defective silencing 3 homolog (S. cerevisiae) (SUDS3), mRNA."
"Homo sapiens SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae) (SUGT1), mRNA."
"Homo sapiens sulfatase 1 (SULF1), mRNA."
"Homo sapiens sulfatase 2 (SULF2), transcript variant 1, mRNA."
"Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1),

"Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2 (SULT1A2),
"Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 (SULT1A3),
"Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4 (SULT1A4),
"Homo sapiens sulfotransferase family, cytosolic, 1B, member 1 (SULT1B1), mRNA."
"Homo sapiens sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferrin
"Homo sapiens sulfotransferase family, cytosolic, 2B, member 1 (SULT2B1), transcript variant 2
"Homo sapiens sulfotransferase family, cytosolic, 6B, member 1 (SULT6B1), mRNA."
"Homo sapiens sulfatase modifying factor 1 (SUMF1), mRNA."
"Homo sapiens sulfatase modifying factor 2 (SUMF2), transcript variant 4, mRNA."
"Homo sapiens SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae) (SUMO2), transcript va
"Homo sapiens SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae) (SUMO3), mRNA."
"Homo sapiens sulfite oxidase (SUOX), nuclear gene encoding mitochondrial protein, transcript
"Homo sapiens suppressor of Ty 16 homolog (S. cerevisiae) (SUPT16H), mRNA."
"Homo sapiens suppressor of Ty 3 homolog (S. cerevisiae) (SUPT3H), transcript variant 2, mRN
"Homo sapiens suppressor of Ty 4 homolog 1 (S. cerevisiae) (SUPT4H1), mRNA."
"Homo sapiens suppressor of Ty 5 homolog (S. cerevisiae) (SUPT5H), mRNA."
"Homo sapiens suppressor of Ty 6 homolog (S. cerevisiae) (SUPT6H), mRNA."
"Homo sapiens suppressor of var1, 3-like 1 (S. cerevisiae) (SUPV3L1), mRNA."
"Homo sapiens surfeit 1 (SURF1), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens surfeit 2 (SURF2), mRNA."
"Homo sapiens surfeit 4 (SURF4), mRNA."
"Homo sapiens surfeit 6 (SURF6), mRNA."
"Homo sapiens sushi domain containing 1 (SUSD1), mRNA."
"Homo sapiens sushi domain containing 2 (SUSD2), mRNA."
"Homo sapiens sushi domain containing 3 (SUSD3), mRNA."
"Homo sapiens suppressor of variegation 3-9 homolog 1 (Drosophila) (SUV39H1), mRNA."
"Homo sapiens suppressor of variegation 3-9 homolog 2 (Drosophila) (SUV39H2), mRNA."
"Homo sapiens suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV420H1), transcript v
"Homo sapiens suppressor of variegation 4-20 homolog 2 (Drosophila) (SUV420H2), mRNA."
"Homo sapiens suppressor of zeste 12 homolog (Drosophila) (SUZ12), mRNA."
"Homo sapiens synaptic vesicle glycoprotein 2A (SV2A), mRNA."
"Homo sapiens synaptic vesicle glycoprotein 2B (SV2B), mRNA."
"Homo sapiens SV2 related protein homolog (rat) (SVOP), mRNA."
"Homo sapiens SWAP switching B-cell complex 70kDa subunit (SWAP70), mRNA."
"Homo sapiens synapse associated protein 1, SAP47 homolog (Drosophila) (SYAP1), mRNA."
"Homo sapiens synaptonemal complex central element protein 1 (SYCE1), transcript variant 1, r
"Homo sapiens synaptonemal complex central element protein 1-like (SYCE1L), mRNA."
"Homo sapiens synapse defective 1, Rho GTPase, homolog 1 (C. elegans) (SYDE1), mRNA."
"Homo sapiens SYF2 homolog, RNA splicing factor (S. cerevisiae) (SYF2), transcript variant 1, r
"Homo sapiens spleen tyrosine kinase (SYK), mRNA."
"Homo sapiens symplekin (SYMPK), mRNA."
"Homo sapiens synapsin I (SYN1), transcript variant Ia, mRNA."
"Homo sapiens synapsin II (SYN2), transcript variant IIb, mRNA."
"Homo sapiens syncoilin, intermediate filament 1 (SYNC1), mRNA."

"Homo sapiens synaptotagmin binding, cytoplasmic RNA interacting protein (SYNCRIP), mRNA
"Homo sapiens spectrin repeat containing, nuclear envelope 2 (SYNE2), transcript variant 2, mF
"Homo sapiens synaptogyrin 1 (SYNGR1), transcript variant 1b, mRNA."
"Homo sapiens synaptogyrin 3 (SYNGR3), mRNA."
"Homo sapiens synaptojanin 1 (SYNJ1), transcript variant 1, mRNA."
"Homo sapiens synaptojanin 2 binding protein (SYNJ2BP), mRNA."
"Homo sapiens synemin, intermediate filament protein (SYNM), transcript variant B, mRNA."
"Homo sapiens synaptopodin (SYNPO), mRNA."
"Homo sapiens synaptophysin (SYP), mRNA."
"Homo sapiens synaptophysin-like 1 (SYPL1), transcript variant 1, mRNA."
"Homo sapiens synaptophysin-like 2 (SYPL2), mRNA."
"Homo sapiens SYS1 Golgi-localized integral membrane protein homolog (S. cerevisiae) (SYS1
"Homo sapiens synaptotagmin XI (SYT11), mRNA."
"Homo sapiens synaptotagmin XIII (SYT13), mRNA."
"Homo sapiens synaptotagmin XIV (SYT14), mRNA."
"Homo sapiens synaptotagmin XV (SYT15), transcript variant a, mRNA."
"Homo sapiens synaptotagmin XVI (SYT16), mRNA."
"Homo sapiens synaptotagmin XVII (SYT17), mRNA."
"Homo sapiens synaptotagmin II (SYT2), mRNA."
"Homo sapiens synaptotagmin III (SYT3), mRNA."
"Homo sapiens synaptotagmin IX (SYT9), mRNA."
"Homo sapiens synaptotagmin-like 1 (SYTL1), mRNA."
"Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant f, mRNA."
"Homo sapiens synaptotagmin-like 3 (SYTL3), mRNA."
"Homo sapiens synovial apoptosis inhibitor 1, synoviolin (SYVN1), transcript variant 1, mRNA."
"Homo sapiens trace amine associated receptor 2 (TAAR2), transcript variant 2, mRNA."
"Homo sapiens trace amine associated receptor 5 (TAAR5), mRNA."
"Homo sapiens tachykinin 3 (neuromedin K, neurokinin beta) (TAC3), transcript variant 1, mRNA
"Homo sapiens transforming, acidic coiled-coil containing protein 1 (TACC1), mRNA."
"Homo sapiens transforming, acidic coiled-coil containing protein 2 (TACC2), transcript variant 2
"Homo sapiens transforming, acidic coiled-coil containing protein 3 (TACC3), mRNA."
"Homo sapiens translational activator of mitochondrially encoded cytochrome c oxidase I (TACC
"Homo sapiens tachykinin receptor 2 (TACR2), mRNA."
"Homo sapiens tumor-associated calcium signal transducer 1 (TACSTD1), mRNA."
"Homo sapiens transcriptional adaptor 1 (HFI1 homolog, yeast)-like (TADA1L), mRNA."
"Homo sapiens transcriptional adaptor 2A (TADA2A), transcript variant 2, mRNA."
"Homo sapiens transcriptional adaptor 2B (TADA2B), mRNA."
"Homo sapiens transcriptional adaptor 3 (TADA3), transcript variant 2, mRNA."
"Homo sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 25
"Homo sapiens TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 3
"Homo sapiens TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 2
"Homo sapiens TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 2
"Homo sapiens TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 1
"Homo sapiens TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 6

"Homo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa
"Homo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa
"Homo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kD
"Homo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, D, 41kDa
"Homo sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 21
"Homo sapiens TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 15
"Homo sapiens TAF4 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 13
"Homo sapiens TAF4b RNA polymerase II, TATA box binding protein (TBP)-associated factor, 1
"Homo sapiens TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 10
"Homo sapiens TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated f
"Homo sapiens TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated f
"Homo sapiens TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55
"Homo sapiens TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32
"Homo sapiens TAF9-like RNA polymerase II, TATA box binding protein (TBP)-associated facto
"Homo sapiens T-cell activation RhoGTPase activating protein (TAGAP), transcript variant 2, mI
"Homo sapiens transgelin (TAGLN), transcript variant 1, mRNA."
"Homo sapiens transgelin 2 (TAGLN2), mRNA."
"Homo sapiens transgelin 3 (TAGLN3), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens aldo-keto reductase, truncated (tAKR), mRNA."
"PREDICTED: Homo sapiens transaldolase 1 (TALDO1), mRNA."
"Homo sapiens tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1 (TANC1), mI
"Homo sapiens tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 (TANC2), mI
"Homo sapiens TRAF family member-associated NFKB activator (TANK), transcript variant 2, m
"Homo sapiens TAO kinase 2 (TAOK2), transcript variant 2, mRNA."
"Homo sapiens TAO kinase 3 (TAOK3), mRNA."
"Homo sapiens transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (TAP1), mRNA."
"Homo sapiens transporter 2, ATP-binding cassette, sub-family B (MDR/TAP) (TAP2), transcript
"Homo sapiens TAP binding protein (tapasin) (TAPBP), transcript variant 3, mRNA."
"Homo sapiens TAP binding protein-like (TAPBPL), mRNA."
"Homo sapiens transmembrane anterior posterior transformation 1 (TAPT1), mRNA."
"Homo sapiens TAR (HIV-1) RNA binding protein 1 (TARBP1), mRNA."
"Homo sapiens TAR (HIV-1) RNA binding protein 2 (TARBP2), transcript variant 2, mRNA."
"Homo sapiens TAR DNA binding protein (TARDBP), mRNA."
"Homo sapiens threonyl-tRNA synthetase (TARS), mRNA."
"Homo sapiens threonyl-tRNA synthetase 2, mitochondrial (putative) (TARS2), nuclear gene en
"Homo sapiens threonyl-tRNA synthetase-like 2 (TARSL2), mRNA."
"Homo sapiens taste receptor, type 2, member 14 (TAS2R14), mRNA."
"Homo sapiens taste receptor, type 2, member 3 (TAS2R3), mRNA."
"Homo sapiens taste receptor, type 2, member 4 (TAS2R4), mRNA."
"Homo sapiens taste receptor, type 2, member 40 (TAS2R40), mRNA."
"Homo sapiens taspase, threonine aspartase, 1 (TASP1), mRNA."
"Homo sapiens TatD DNase domain containing 2 (TATDN2), mRNA."
"Homo sapiens TatD DNase domain containing 3 (TATDN3), transcript variant 1, mRNA."
"Homo sapiens Tax1 (human T-cell leukemia virus type I) binding protein 1 (TAX1BP1), transcri

"Homo sapiens Tax1 (human T-cell leukemia virus type I) binding protein 3 (TAX1BP3), mRNA."
"Homo sapiens tafazzin (cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; Ba
"Homo sapiens TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1 (TBC1D1), mRNA."
"Homo sapiens TBC1 domain family, member 10A (TBC1D10A), mRNA."
"Homo sapiens TBC1 domain family, member 10B (TBC1D10B), mRNA."
"Homo sapiens TBC1 domain family, member 10C (TBC1D10C), mRNA."
"Homo sapiens TBC1 domain family, member 13 (TBC1D13), mRNA."
"Homo sapiens TBC1 domain family, member 14 (TBC1D14), mRNA."
"Homo sapiens TBC1 domain family, member 15 (TBC1D15), mRNA."
"Homo sapiens TBC1 domain family, member 16 (TBC1D16), mRNA."
"Homo sapiens TBC1 domain family, member 17 (TBC1D17), mRNA."
"Homo sapiens TBC1 domain family, member 19 (TBC1D19), mRNA."
"Homo sapiens TBC1 domain family, member 2 (TBC1D2), mRNA."
"Homo sapiens TBC1 domain family, member 20 (TBC1D20), mRNA."
"Homo sapiens TBC1 domain family, member 22A (TBC1D22A), mRNA."
"Homo sapiens TBC1 domain family, member 22B (TBC1D22B), mRNA."
"Homo sapiens TBC1 domain family, member 23 (TBC1D23), mRNA."
"Homo sapiens TBC1 domain family, member 24 (TBC1D24), mRNA. XM_945422"
"Homo sapiens TBC1 domain family, member 26 (TBC1D26), mRNA."
"Homo sapiens TBC1 domain family, member 2B (TBC1D2B), mRNA."
"PREDICTED: Homo sapiens TBC1 domain family, member 3F, transcript variant 11 (TBC1D3F
"Homo sapiens TBC1 domain family, member 3H (TBC1D3H), mRNA."
"PREDICTED: Homo sapiens TBC1 domain family, member 3I (TBC1D3I), mRNA."
"Homo sapiens TBC1 domain family, member 4 (TBC1D4), mRNA."
"Homo sapiens TBC1 domain family, member 7 (TBC1D7), mRNA."
"Homo sapiens TBC1 domain family, member 8 (with GRAM domain) (TBC1D8), mRNA."
"Homo sapiens TBC1 domain family, member 8B (with GRAM domain) (TBC1D8B), transcript v
"Homo sapiens TBC1 domain family, member 9 (with GRAM domain) (TBC1D9), mRNA."
"Homo sapiens TBC1 domain family, member 9B (with GRAM domain) (TBC1D9B), transcript v
"Homo sapiens tubulin folding cofactor A (TBCA), mRNA."
"Homo sapiens tubulin folding cofactor B (TBCB), mRNA."
"Homo sapiens tubulin folding cofactor C (TBCC), mRNA."
"Homo sapiens TBCC domain containing 1 (TBCCD1), mRNA."
"Homo sapiens tubulin folding cofactor D (TBCD), mRNA."
"Homo sapiens tubulin folding cofactor E (TBCE), transcript variant 2, mRNA."
"Homo sapiens tubulin folding cofactor E-like (TBCEL), mRNA."
"Homo sapiens TANK-binding kinase 1 (TBK1), mRNA."
"Homo sapiens TBK1 binding protein 1 (TBKBP1), mRNA."
"Homo sapiens transducin (beta)-like 1X-linked (TBL1X), mRNA."
"Homo sapiens transducin (beta)-like 1X-linked receptor 1 (TBL1XR1), mRNA."
"Homo sapiens transducin (beta)-like 2 (TBL2), mRNA."
"Homo sapiens transducin (beta)-like 3 (TBL3), mRNA."
"Homo sapiens TATA box binding protein (TBP), mRNA."
"Homo sapiens TBP-like 1 (TBPL1), mRNA."

"Homo sapiens transforming growth factor beta regulator 4 (TBRG4), transcript variant 2, mRNA
"Homo sapiens T-box 18 (TBX18), mRNA."
"Homo sapiens T-box 20 (TBX20), transcript variant 2, mRNA."
"Homo sapiens T-box 22 (TBX22), transcript variant 2, mRNA."
"Homo sapiens T-box 3 (TBX3), transcript variant 2, mRNA."
"Homo sapiens tandem C2 domains, nuclear (TC2N), mRNA."
"Homo sapiens testicular cell adhesion molecule 1 homolog (mouse) (TCAM1), non-coding RNA
"Homo sapiens T-cell lymphoma breakpoint associated target 1 (TCBA1), mRNA."
"Homo sapiens transcription elongation factor A (SII), 1 (TCEA1), transcript variant 2, mRNA."
"Homo sapiens transcription elongation factor A (SII), 2 (TCEA2), transcript variant 1, mRNA."
"Homo sapiens transcription elongation factor A (SII), 3 (TCEA3), mRNA."
"Homo sapiens transcription elongation factor A (SII)-like 1 (TCEAL1), transcript variant 3, mRN
"Homo sapiens transcription elongation factor A (SII)-like 2 (TCEAL2), mRNA."
"Homo sapiens transcription elongation factor A (SII)-like 3 (TCEAL3), transcript variant 2, mRN
"Homo sapiens transcription elongation factor A (SII)-like 4 (TCEAL4), transcript variant 4, mRN
"Homo sapiens transcription elongation factor A (SII)-like 7 (TCEAL7), mRNA."
"Homo sapiens transcription elongation factor A (SII)-like 8 (TCEAL8), transcript variant 1, mRN
"Homo sapiens transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) (TCEB1
"PREDICTED: Homo sapiens transcription elongation factor B (SIII), polypeptide 1 (15kDa, elon
"Homo sapiens transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A) (TCEB
"Homo sapiens transcription elongation factor B polypeptide 3B (elongin A2) (TCEB3B), mRNA.
"Homo sapiens transcription elongation regulator 1 (TCERG1), transcript variant 1, mRNA."
"Homo sapiens transcription factor 12 (TCF12), transcript variant 2, mRNA."
"Homo sapiens transcription factor 19 (TCF19), transcript variant 2, mRNA."
"Homo sapiens transcription factor 25 (basic helix-loop-helix) (TCF25), mRNA."
"Homo sapiens transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) (
"Homo sapiens transcription factor 4 (TCF4), transcript variant 2, mRNA."
"Homo sapiens transcription factor-like 5 (basic helix-loop-helix) (TCFL5), mRNA."
"Homo sapiens trichohyalin (TCHH), mRNA."
"Homo sapiens trichoplein, keratin filament binding (TCHP), mRNA."
"Homo sapiens T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3 (
"Homo sapiens T-cell leukemia/lymphoma 1A (TCL1A), transcript variant 2, mRNA."
"Homo sapiens T-cell leukemia/lymphoma 1B (TCL1B), transcript variant 1, mRNA."
"Homo sapiens T-cell leukemia/lymphoma 6 (TCL6), transcript variant TCL6c1, mRNA."
"Homo sapiens transcobalamin II; macrocytic anemia (TCN2), mRNA."
"Homo sapiens Treacher Collins-Franceschetti syndrome 1 (TCOF1), transcript variant 2, mRNA
"Homo sapiens t-complex 1 (TCP1), transcript variant 1, mRNA."
"Homo sapiens t-complex 10 (mouse) (TCP10), mRNA."
"Homo sapiens t-complex 11 (mouse)-like 1 (TCP11L1), mRNA."
"Homo sapiens t-complex 11 (mouse)-like 2 (TCP11L2), mRNA."
"Homo sapiens T-cell leukemia translocation altered gene (TCTA), mRNA."
"Homo sapiens Tctex1 domain containing 2 (TCTEX1D2), mRNA."
"Homo sapiens tectonic family member 1 (TCTN1), transcript variant 1, mRNA."
"Homo sapiens tectonic family member 3 (TCTN3), mRNA."

"Homo sapiens thymine-DNA glycosylase (TDG), mRNA."
"Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), mRNA."
"Homo sapiens L-threonine dehydrogenase (TDH), non-coding RNA."
"Homo sapiens tyrosyl-DNA phosphodiesterase 1 (TDP1), transcript variant 1, mRNA."
"Homo sapiens tudor domain containing 1 (TDRD1), mRNA."
"Homo sapiens tudor domain containing 3 (TDRD3), mRNA."
"Homo sapiens tudor domain containing 7 (TDRD7), mRNA."
"Homo sapiens tudor and KH domain containing (TDRKH), transcript variant 3, mRNA."
"Homo sapiens TEA domain family member 2 (TEAD2), mRNA."
"Homo sapiens TEA domain family member 3 (TEAD3), mRNA."
"Homo sapiens TEA domain family member 4 (TEAD4), transcript variant 1, mRNA."
"Homo sapiens tectonin beta-propeller repeat containing 1 (TECPR1), mRNA."
"Homo sapiens trans-2,3-enoyl-CoA reductase (TECR), mRNA."
"Homo sapiens transmembrane epididymal protein 1 (TEDDM1), mRNA."
"Homo sapiens thyrotrophic embryonic factor (TEF), transcript variant 1, mRNA."
"Homo sapiens tektin 1 (TEKT1), mRNA."
"Homo sapiens tektin 4 (TEKT4), mRNA."
"Homo sapiens tektin 5 (TEKT5), mRNA."
"Homo sapiens TEL2, telomere maintenance 2, homolog (S. cerevisiae) (TELO2), mRNA."
"Homo sapiens telomerase RNA component (TERC), telomerase RNA."
"Homo sapiens telomeric repeat binding factor 2, interacting protein (TERF2IP), mRNA."
"Homo sapiens telomerase reverse transcriptase (TERT), transcript variant 1, mRNA."
"Homo sapiens testis derived transcript (3 LIM domains) (TES), transcript variant 1, mRNA."
"Homo sapiens tescalcin (TESC), mRNA."
"Homo sapiens testis-specific kinase 1 (TESK1), mRNA."
"Homo sapiens testis-specific kinase 2 (TESK2), mRNA."
"Homo sapiens testis serine protease 5 (TESSP5), mRNA."
"Homo sapiens tet oncogene 1 (TET1), mRNA."
"Homo sapiens testis expressed 10 (TEX10), mRNA."
"Homo sapiens testis expressed 2 (TEX2), mRNA."
"Homo sapiens testis expressed 261 (TEX261), mRNA."
"Homo sapiens testis expressed 264 (TEX264), mRNA."
"Homo sapiens transcription factor A, mitochondrial (TFAM), nuclear gene encoding mitochondr
"Homo sapiens transcription factor A, mitochondrial pseudogene 1 (TFAMP1), non-coding RNA.
"Homo sapiens transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha) (TF
"Homo sapiens transcription factor AP-2 delta (activating enhancer binding protein 2 delta) (TFA
"Homo sapiens transcription factor AP-4 (activating enhancer binding protein 4) (TFAP4), mRNA
"Homo sapiens transcription factor B1, mitochondrial (TFB1M), mRNA."
"Homo sapiens transcription factor B2, mitochondrial (TFB2M), nuclear gene encoding mitochor
"Homo sapiens transcription factor CP2-like 1 (TFCP2L1), mRNA."
"Homo sapiens transcription factor Dp-1 (TFDP1), mRNA."
"Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (TFDP2), mRNA."
"Homo sapiens transcription factor EB (TFEB), mRNA."
"Homo sapiens transcription factor EC (TFEC), transcript variant 2, mRNA."

"Homo sapiens trefoil factor 3 (intestinal) (TFF3), mRNA."
"Homo sapiens TRK-fused gene (TFG), transcript variant 2, mRNA."
"Homo sapiens tuftelin interacting protein 11 (TFIP11), transcript variant 2, mRNA."
"Homo sapiens tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) (TFF
"Homo sapiens tissue factor pathway inhibitor 2 (TFPI2), mRNA."
"Homo sapiens TCF3 (E2A) fusion partner (in childhood Leukemia) (TFPT), mRNA."
"Homo sapiens transferrin receptor 2 (TFR2), mRNA."
"Homo sapiens transferrin receptor (p90, CD71) (TFRC), mRNA."
"Homo sapiens TDP-glucose 4,6-dehydratase (TGDS), mRNA."
"Homo sapiens transforming growth factor, alpha (TGFA), transcript variant 2, mRNA."
"Homo sapiens transforming growth factor beta 1 induced transcript 1 (TGFB1I1), transcript vari
"Homo sapiens transforming growth factor, beta-induced, 68kDa (TGFBI), mRNA."
"Homo sapiens transforming growth factor, beta receptor II (70/80kDa) (TGFBR2), transcript var
"Homo sapiens transforming growth factor, beta receptor III (TGFBR3), mRNA."
"Homo sapiens transforming growth factor, beta receptor associated protein 1 (TGFBRAP1), mF
"Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), transcript variant 4, mRNA."
"Homo sapiens TGFB-induced factor homeobox 2 (TGIF2), mRNA."
"Homo sapiens transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransfera
"Homo sapiens transglutaminase 7 (TGM7), mRNA."
"Homo sapiens trans-golgi network protein 2 (TGOLN2), mRNA."
"Homo sapiens TH1-like (Drosophila) (TH1L), transcript variant 1, mRNA."
"Homo sapiens thyroid adenoma associated (THADA), transcript variant 1, mRNA."
"Homo sapiens THAP domain containing, apoptosis associated protein 1 (THAP1), transcript va
"Homo sapiens THAP domain containing 10 (THAP10), mRNA."
"Homo sapiens THAP domain containing 11 (THAP11), mRNA."
"Homo sapiens THAP domain containing, apoptosis associated protein 3 (THAP3), mRNA."
"Homo sapiens THAP domain containing 4 (THAP4), mRNA."
"Homo sapiens THAP domain containing 5 (THAP5), mRNA."
"Homo sapiens THAP domain containing 6 (THAP6), mRNA."
"Homo sapiens THAP domain containing 7 (THAP7), transcript variant 3, mRNA."
"Homo sapiens THAP domain containing 8 (THAP8), mRNA."
"Homo sapiens THAP domain containing 9 (THAP9), mRNA."
"Homo sapiens thrombospondin 4 (THBS4), mRNA."
"Homo sapiens thioesterase superfamily member 2 (THEM2), mRNA."
"Homo sapiens thioesterase superfamily member 4 (THEM4), mRNA."
"Homo sapiens thioesterase superfamily member 5 (THEM5), mRNA."
"Homo sapiens tRNA-histidine guanylyltransferase 1-like (S. cerevisiae) (THG1L), mRNA."
"Homo sapiens threonine synthase-like 1 (S. cerevisiae) (THNSL1), mRNA."
"Homo sapiens threonine synthase-like 2 (S. cerevisiae) (THNSL2), mRNA."
"Homo sapiens THO complex 1 (THOC1), mRNA."
"Homo sapiens THO complex 3 (THOC3), mRNA."
"PREDICTED: Homo sapiens THO complex 4 (THOC4), mRNA."
"Homo sapiens THO complex 5 (THOC5), transcript variant 1, mRNA."
"Homo sapiens THO complex 6 homolog (Drosophila) (THOC6), mRNA."

"Homo sapiens THO complex 7 homolog (Drosophila) (THOC7), mRNA."
"Homo sapiens thimet oligopeptidase 1 (THOP1), mRNA."
"Homo sapiens thrombopoietin (THPO), mRNA."
"PREDICTED: Homo sapiens thyroid hormone receptor associated protein 5 (THRAP5), mRNA.
"Homo sapiens thrombospondin, type I, domain containing 3 (THSD3), transcript variant 2, mRN
"Homo sapiens thrombospondin, type I, domain containing 7A (THSD7A), mRNA."
"Homo sapiens thiamine triphosphatase (THTPA), mRNA."
"Homo sapiens THUMP domain containing 1 (THUMPD1), mRNA."
"Homo sapiens THUMP domain containing 2 (THUMPD2), mRNA."
"Homo sapiens THUMP domain containing 3 (THUMPD3), mRNA."
"Homo sapiens Thy-1 cell surface antigen (THY1), mRNA."
"Homo sapiens thymocyte nuclear protein 1 (THYN1), transcript variant 1, mRNA."
"Homo sapiens TIA1 cytotoxic granule-associated RNA binding protein (TIA1), transcript variant
"Homo sapiens TGFB1-induced anti-apoptotic factor 1 (TIAF1), mRNA."
"Homo sapiens TIA1 cytotoxic granule-associated RNA binding protein-like 1 (TIAL1), transcript
"Homo sapiens T-cell lymphoma invasion and metastasis 1 (TIAM1), mRNA."
"Homo sapiens T-cell lymphoma invasion and metastasis 2 (TIAM2), transcript variant 2, mRNA
"Homo sapiens toll-like receptor adaptor molecule 1 (TICAM1), transcript variant 2, mRNA."
"Homo sapiens toll-like receptor adaptor molecule 2 (TICAM2), mRNA."
"Homo sapiens TRAF-interacting protein with forkhead-associated domain (TIFA), mRNA."
"Homo sapiens TIGA1 (TIGA1), mRNA."
"Homo sapiens tigger transposable element derived 2 (TIGD2), mRNA."
"Homo sapiens tigger transposable element derived 5 (TIGD5), mRNA."
"Homo sapiens tigger transposable element derived 6 (TIGD6), mRNA."
"Homo sapiens tigger transposable element derived 7 (TIGD7), mRNA."
"Homo sapiens T cell immunoreceptor with Ig and ITIM domains (TIGIT), mRNA."
"Homo sapiens T-cell immunoglobulin and mucin domain containing 4 (TIMD4), mRNA."
"Homo sapiens timeless homolog (Drosophila) (TIMELESS), mRNA."
"Homo sapiens translocase of inner mitochondrial membrane 10 homolog (yeast) (TIMM10), nu
"Homo sapiens translocase of inner mitochondrial membrane 17 homolog A (yeast) (TIMM17A),
"Homo sapiens translocase of inner mitochondrial membrane 17 homolog B (yeast) (TIMM17B),
"Homo sapiens translocase of inner mitochondrial membrane 22 homolog (yeast) (TIMM22), nu
"Homo sapiens translocase of inner mitochondrial membrane 23 homolog (yeast) (TIMM23), nu
"Homo sapiens translocase of inner mitochondrial membrane 44 homolog (yeast) (TIMM44), nu
"Homo sapiens translocase of inner mitochondrial membrane 8 homolog A (yeast) (TIMM8A), nu
"Homo sapiens translocase of inner mitochondrial membrane 8 homolog B (yeast) (TIMM8B), nu
"Homo sapiens translocase of inner mitochondrial membrane 9 homolog (yeast) (TIMM9), nucle
"Homo sapiens TIMP metallopeptidase inhibitor 1 (TIMP1), mRNA."
"PREDICTED: Homo sapiens TIMP metallopeptidase inhibitor 2 (TIMP2), mRNA."
"Homo sapiens TERF1 (TRF1)-interacting nuclear factor 2 (TINF2), mRNA."
"Homo sapiens TGF beta-inducible nuclear protein 1 (TINP1), mRNA."
"Homo sapiens TCDD-inducible poly(ADP-ribose) polymerase (TIPARP), mRNA."
"Homo sapiens TIMELESS interacting protein (TIPIN), mRNA."
"Homo sapiens toll-interleukin 1 receptor (TIR) domain containing adaptor protein (TIRAP), trans

"Homo sapiens tight junction associated protein 1 (peripheral) (TJAP1), mRNA."
"Homo sapiens tight junction protein 1 (zona occludens 1) (TJP1), transcript variant 1, mRNA."
"Homo sapiens tight junction protein 2 (zona occludens 2) (TJP2), transcript variant 2, mRNA."
"Homo sapiens tight junction protein 3 (zona occludens 3) (TJP3), mRNA."
"Homo sapiens thymidine kinase 1, soluble (TK1), mRNA."
"Homo sapiens thymidine kinase 2, mitochondrial (TK2), nuclear gene encoding mitochondrial p
"Homo sapiens transketolase (Wernicke-Korsakoff syndrome) (TKT), mRNA."
"Homo sapiens transketolase-like 1 (TKTL1), mRNA."
"Homo sapiens TLC domain containing 1 (TLCD1), mRNA."
"Homo sapiens transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila) (TLE1), mRNA.
"Homo sapiens transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila) (TLE2), mRNA.
"Homo sapiens transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila) (TLE3), mRNA.
"Homo sapiens transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila) (TLE4), mRNA.
"Homo sapiens transducin-like enhancer of split 6 (E(sp1) homolog, Drosophila) (TLE6), mRNA.
"Homo sapiens tousled-like kinase 1 (TLK1), mRNA."
"Homo sapiens tousled-like kinase 2 (TLK2), mRNA."
"Homo sapiens talin 1 (TLN1), mRNA."
"Homo sapiens talin 2 (TLN2), mRNA."
"Homo sapiens toll-like receptor 1 (TLR1), mRNA."
"Homo sapiens toll-like receptor 10 (TLR10), transcript variant 1, mRNA."
"Homo sapiens toll-like receptor 4 (TLR4), mRNA."
"Homo sapiens toll-like receptor 5 (TLR5), mRNA."
"Homo sapiens toll-like receptor 6 (TLR6), mRNA."
"Homo sapiens toll-like receptor 7 (TLR7), mRNA."
"Homo sapiens toll-like receptor 9 (TLR9), transcript variant A, mRNA."
"Homo sapiens T-cell leukemia homeobox 2 (TLX2), mRNA."
"Homo sapiens TM2 domain containing 2 (TM2D2), transcript variant 1, mRNA."
"Homo sapiens TM2 domain containing 3 (TM2D3), transcript variant 1, mRNA."
"Homo sapiens transmembrane 4 L six family member 1 (TM4SF1), mRNA."
"Homo sapiens transmembrane 6 superfamily member 1 (TM6SF1), mRNA."
"Homo sapiens transmembrane 7 superfamily member 2 (TM7SF2), mRNA."
"Homo sapiens transmembrane 7 superfamily member 3 (TM7SF3), mRNA."
"Homo sapiens transmembrane 9 superfamily member 1 (TM9SF1), transcript variant 2, mRNA.
"Homo sapiens transmembrane 9 superfamily member 2 (TM9SF2), mRNA."
"Homo sapiens transmembrane 9 superfamily member 3 (TM9SF3), mRNA."
"Homo sapiens transmembrane 9 superfamily protein member 4 (TM9SF4), mRNA."
"Homo sapiens transmembrane BAX inhibitor motif containing 1 (TMBIM1), mRNA."
"Homo sapiens transmembrane BAX inhibitor motif containing 4 (TMBIM4), mRNA."
"Homo sapiens transmembrane BAX inhibitor motif containing 6 (TMBIM6), transcript variant 1,
"Homo sapiens transmembrane channel-like 1 (TMC1), mRNA."
"Homo sapiens transmembrane channel-like 3 (TMC3), mRNA."
"Homo sapiens transmembrane channel-like 4 (TMC4), mRNA."
"Homo sapiens transmembrane channel-like 6 (TMC6), mRNA."
"Homo sapiens transmembrane channel-like 8 (TMC8), mRNA."

"Homo sapiens transmembrane and coiled-coil domain family 1 (TMCC1), transcript variant 1, m
"Homo sapiens transmembrane and coiled-coil domain family 2 (TMCC2), mRNA."
"Homo sapiens transmembrane and coiled-coil domain family 3 (TMCC3), mRNA."
"Homo sapiens transmembrane and coiled-coil domains 1 (TMCO1), mRNA."
"Homo sapiens transmembrane and coiled-coil domains 3 (TMCO3), mRNA."
"Homo sapiens transmembrane and coiled-coil domains 4 (TMCO4), mRNA."
"Homo sapiens transmembrane and coiled-coil domains 6 (TMCO6), mRNA."
"Homo sapiens transmembrane and coiled-coil domains 7 (TMCO7), mRNA."
"Homo sapiens transmembrane emp24 protein transport domain containing 1 (TMED1), mRNA.
"Homo sapiens transmembrane emp24-like trafficking protein 10 (yeast) pseudogene (TMED10
"Homo sapiens transmembrane emp24 domain trafficking protein 2 (TMED2), mRNA."
"Homo sapiens transmembrane emp24 protein transport domain containing 3 (TMED3), mRNA.
"Homo sapiens transmembrane emp24 protein transport domain containing 4 (TMED4), mRNA.
"Homo sapiens transmembrane emp24 protein transport domain containing 5 (TMED5), mRNA.
"Homo sapiens transmembrane emp24 protein transport domain containing 7 (TMED7), mRNA.
"Homo sapiens transmembrane emp24 protein transport domain containing 9 (TMED9), mRNA.
"Homo sapiens transmembrane protein with EGF-like and two follistatin-like domains 1 (TMEFF
"Homo sapiens transmembrane protein with EGF-like and two follistatin-like domains 2 (TMEFF
"Homo sapiens transmembrane protein 1 (TMEM1), transcript variant 2, mRNA."
"Homo sapiens transmembrane protein 100 (TMEM100), transcript variant 2, mRNA."
"Homo sapiens transmembrane protein 101 (TMEM101), mRNA."
"Homo sapiens transmembrane protein 104 (TMEM104), mRNA."
"Homo sapiens transmembrane protein 105 (TMEM105), mRNA."
"Homo sapiens transmembrane protein 106A (TMEM106A), mRNA."
"Homo sapiens transmembrane protein 106B (TMEM106B), mRNA."
"Homo sapiens transmembrane protein 106C (TMEM106C), mRNA."
"Homo sapiens transmembrane protein 107 (TMEM107), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 109 (TMEM109), mRNA."
"Homo sapiens transmembrane protein 11 (TMEM11), mRNA."
"Homo sapiens transmembrane protein 111 (TMEM111), mRNA."
"Homo sapiens transmembrane protein 115 (TMEM115), mRNA."
"Homo sapiens transmembrane protein 116 (TMEM116), mRNA."
"Homo sapiens transmembrane protein 117 (TMEM117), mRNA."
"Homo sapiens transmembrane protein 118 (TMEM118), mRNA."
"Homo sapiens transmembrane protein 119 (TMEM119), mRNA."
"Homo sapiens transmembrane protein 120A (TMEM120A), mRNA."
"Homo sapiens transmembrane protein 120B (TMEM120B), mRNA."
"Homo sapiens transmembrane protein 121 (TMEM121), mRNA."
"Homo sapiens transmembrane protein 123 (TMEM123), mRNA."
"Homo sapiens transmembrane protein 126A (TMEM126A), mRNA."
"Homo sapiens transmembrane protein 126B (TMEM126B), mRNA."
"Homo sapiens transmembrane protein 127 (TMEM127), mRNA."
"Homo sapiens transmembrane protein 128 (TMEM128), mRNA."
"Homo sapiens transmembrane protein 129 (TMEM129), mRNA."

"Homo sapiens transmembrane protein 131 (TMEM131), mRNA."
"Homo sapiens transmembrane protein 132A (TMEM132A), transcript variant 2, mRNA."
"Homo sapiens transmembrane protein 133 (TMEM133), mRNA."
"Homo sapiens transmembrane protein 134 (TMEM134), transcript variant 3, mRNA."
"Homo sapiens transmembrane protein 135 (TMEM135), mRNA."
"Homo sapiens transmembrane protein 136 (TMEM136), mRNA."
"Homo sapiens transmembrane protein 138 (TMEM138), mRNA."
"Homo sapiens transmembrane protein 140 (TMEM140), mRNA."
"Homo sapiens transmembrane protein 141 (TMEM141), mRNA."
"Homo sapiens transmembrane protein 143 (TMEM143), mRNA."
"Homo sapiens transmembrane protein 145 (TMEM145), mRNA."
"Homo sapiens transmembrane protein 147 (TMEM147), mRNA."
"Homo sapiens transmembrane protein 149 (TMEM149), mRNA."
"Homo sapiens transmembrane protein 14A (TMEM14A), mRNA."
"Homo sapiens transmembrane protein 14B (TMEM14B), mRNA."
"Homo sapiens transmembrane protein 14C (TMEM14C), mRNA."
"PREDICTED: Homo sapiens transmembrane protein 14D (TMEM14D), mRNA."
"Homo sapiens transmembrane protein 150A (TMEM150A), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 150B (TMEM150B), mRNA."
"Homo sapiens transmembrane protein 151A (TMEM151A), mRNA."
"Homo sapiens transmembrane protein 154 (TMEM154), mRNA."
"Homo sapiens transmembrane protein 155 (TMEM155), mRNA."
"Homo sapiens transmembrane protein 156 (TMEM156), mRNA."
"Homo sapiens transmembrane protein 158 (TMEM158), mRNA."
"Homo sapiens transmembrane protein 159 (TMEM159), mRNA."
"Homo sapiens transmembrane protein 161A (TMEM161A), mRNA."
"Homo sapiens transmembrane protein 163 (TMEM163), mRNA."
"Homo sapiens transmembrane protein 165 (TMEM165), mRNA."
"Homo sapiens transmembrane protein 167A (TMEM167A), mRNA."
"Homo sapiens transmembrane protein 167B (TMEM167B), mRNA."
"Homo sapiens transmembrane protein 168 (TMEM168), mRNA."
"Homo sapiens transmembrane protein 169 (TMEM169), mRNA."
"PREDICTED: Homo sapiens transmembrane protein 16J (TMEM16J), mRNA."
"Homo sapiens transmembrane protein 17 (TMEM17), mRNA."
"Homo sapiens transmembrane protein 170A (TMEM170A), mRNA."
"Homo sapiens transmembrane protein 170B (TMEM170B), mRNA."
"Homo sapiens transmembrane protein 173 (TMEM173), nuclear gene encoding mitochondrial p
"Homo sapiens transmembrane protein 174 (TMEM174), mRNA."
"Homo sapiens transmembrane protein 175 (TMEM175), mRNA."
"Homo sapiens transmembrane protein 176A (TMEM176A), mRNA."
"Homo sapiens transmembrane protein 177 (TMEM177), mRNA."
"Homo sapiens transmembrane protein 179B (TMEM179B), mRNA."
"Homo sapiens transmembrane protein 18 (TMEM18), mRNA."
"Homo sapiens transmembrane protein 180 (TMEM180), mRNA."

"Homo sapiens transmembrane protein 181 (TMEM181), mRNA."
"Homo sapiens transmembrane protein 183A (TMEM183A), mRNA."
"Homo sapiens transmembrane protein 183B (TMEM183B), mRNA."
"Homo sapiens transmembrane protein 184A (TMEM184A), mRNA."
"Homo sapiens transmembrane protein 184B (TMEM184B), mRNA."
"Homo sapiens transmembrane protein 184C (TMEM184C), mRNA."
"Homo sapiens transmembrane protein 185A (TMEM185A), mRNA."
"Homo sapiens transmembrane protein 185B (pseudogene) (TMEM185B), non-coding RNA."
"Homo sapiens transmembrane protein 187 (TMEM187), mRNA."
"Homo sapiens transmembrane protein 188 (TMEM188), mRNA."
"Homo sapiens transmembrane protein 189 (TMEM189), mRNA."
"Homo sapiens transmembrane protein 19 (TMEM19), mRNA."
"PREDICTED: Homo sapiens misc_RNA (TMEM191A), miscRNA."
"PREDICTED: Homo sapiens transmembrane protein 191B, transcript variant 2 (TMEM191B), n
"Homo sapiens transmembrane protein 192 (TMEM192), mRNA."
"Homo sapiens transmembrane protein 194 (TMEM194), mRNA."
"Homo sapiens transmembrane protein 194A (TMEM194A), transcript variant 2, mRNA."
"Homo sapiens transmembrane protein 194B (TMEM194B), mRNA."
"Homo sapiens transmembrane protein 198 (TMEM198), mRNA."
"Homo sapiens transmembrane protein 199 (TMEM199), mRNA."
"Homo sapiens transmembrane protein 2 (TMEM2), mRNA."
"Homo sapiens transmembrane protein 20 (TMEM20), mRNA."
"Homo sapiens transmembrane protein 200A (TMEM200A), mRNA."
"Homo sapiens transmembrane protein 201 (TMEM201), mRNA."
"Homo sapiens transmembrane protein 202 (TMEM202), mRNA."
"Homo sapiens transmembrane protein 203 (TMEM203), mRNA."
"Homo sapiens transmembrane protein 205 (TMEM205), mRNA."
"Homo sapiens transmembrane protein 206 (TMEM206), mRNA."
"Homo sapiens transmembrane protein 208 (TMEM208), mRNA."
"Homo sapiens transmembrane protein 209 (TMEM209), mRNA."
"Homo sapiens transmembrane protein 213 (TMEM213), mRNA."
"Homo sapiens transmembrane protein 214 (TMEM214), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 216 (TMEM216), mRNA."
"Homo sapiens transmembrane protein 219 (TMEM219), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 22 (TMEM22), transcript variant 2, mRNA."
"Homo sapiens transmembrane protein 222 (TMEM222), mRNA."
"Homo sapiens transmembrane protein 231 (TMEM231), transcript variant 3, mRNA."
"Homo sapiens transmembrane protein 25 (TMEM25), mRNA."
"Homo sapiens transmembrane protein 26 (TMEM26), mRNA."
"Homo sapiens transmembrane protein 27 (TMEM27), mRNA."
"Homo sapiens transmembrane protein 30A (TMEM30A), mRNA."
"Homo sapiens transmembrane protein 30B (TMEM30B), mRNA."
"Homo sapiens transmembrane protein 33 (TMEM33), mRNA."
"Homo sapiens transmembrane protein 34 (TMEM34), mRNA."

"Homo sapiens transmembrane protein 38A (TMEM38A), mRNA."
"Homo sapiens transmembrane protein 38B (TMEM38B), mRNA."
"Homo sapiens transmembrane protein 39A (TMEM39A), mRNA."
"Homo sapiens transmembrane protein 39B (TMEM39B), mRNA."
"Homo sapiens transmembrane protein 4 (TMEM4), mRNA."
"Homo sapiens transmembrane protein 41A (TMEM41A), mRNA."
"Homo sapiens transmembrane protein 41B (TMEM41B), mRNA."
"Homo sapiens transmembrane protein 42 (TMEM42), mRNA."
"Homo sapiens transmembrane protein 43 (TMEM43), mRNA."
"Homo sapiens transmembrane protein 44 (TMEM44), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 45A (TMEM45A), mRNA."
"Homo sapiens transmembrane protein 48 (TMEM48), mRNA."
"Homo sapiens transmembrane protein 49 (TMEM49), mRNA."
"Homo sapiens transmembrane protein 5 (TMEM5), mRNA."
"Homo sapiens transmembrane protein 50A (TMEM50A), mRNA."
"Homo sapiens transmembrane protein 50B (TMEM50B), mRNA."
"Homo sapiens transmembrane protein 51 (TMEM51), mRNA."
"Homo sapiens transmembrane protein 52 (TMEM52), mRNA."
"Homo sapiens transmembrane protein 53 (TMEM53), mRNA."
"Homo sapiens transmembrane protein 54 (TMEM54), mRNA."
"Homo sapiens transmembrane protein 55A (TMEM55A), mRNA."
"Homo sapiens transmembrane protein 55B (TMEM55B), mRNA."
"Homo sapiens transmembrane protein 56 (TMEM56), mRNA."
"Homo sapiens transmembrane protein 57 (TMEM57), mRNA."
"Homo sapiens transmembrane protein 59 (TMEM59), mRNA."
"Homo sapiens transmembrane protein 59-like (TMEM59L), mRNA."
"Homo sapiens transmembrane protein 60 (TMEM60), mRNA."
"Homo sapiens transmembrane protein 61 (TMEM61), mRNA."
"Homo sapiens transmembrane protein 62 (TMEM62), mRNA."
"Homo sapiens transmembrane protein 63A (TMEM63A), mRNA."
"Homo sapiens transmembrane protein 63B (TMEM63B), mRNA."
"Homo sapiens transmembrane protein 63C (TMEM63C), mRNA."
"Homo sapiens transmembrane protein 64 (TMEM64), mRNA."
"Homo sapiens transmembrane protein 66 (TMEM66), mRNA."
"Homo sapiens transmembrane protein 67 (TMEM67), mRNA."
"Homo sapiens transmembrane protein 68 (TMEM68), mRNA."
"Homo sapiens transmembrane protein 69 (TMEM69), mRNA."
"Homo sapiens transmembrane protein 70 (TMEM70), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 71 (TMEM71), mRNA."
"Homo sapiens transmembrane protein 74 (TMEM74), mRNA."
"Homo sapiens transmembrane protein 77 (TMEM77), mRNA."
"Homo sapiens transmembrane protein 79 (TMEM79), mRNA."
"Homo sapiens transmembrane protein 8 (five membrane-spanning domains) (TMEM8), mRNA
"PREDICTED: Homo sapiens transmembrane protein 80 (TMEM80), mRNA."

"PREDICTED: Homo sapiens transmembrane protein 83 (TMEM83), misc RNA."
"Homo sapiens transmembrane protein 85 (TMEM85), mRNA."
"Homo sapiens transmembrane protein 86B (TMEM86B), mRNA."
"Homo sapiens transmembrane protein 87A (TMEM87A), mRNA."
"Homo sapiens transmembrane protein 87B (TMEM87B), mRNA."
"Homo sapiens transmembrane protein 88 (TMEM88), mRNA."
"Homo sapiens transmembrane protein 8B (TMEM8B), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 9 (TMEM9), mRNA."
"Homo sapiens transmembrane protein 91 (TMEM91), mRNA."
"Homo sapiens transmembrane protein 93 (TMEM93), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 95 (TMEM95), mRNA."
"Homo sapiens transmembrane protein 97 (TMEM97), mRNA."
"Homo sapiens transmembrane protein 98 (TMEM98), transcript variant 1, mRNA."
"Homo sapiens transmembrane protein 99 (TMEM99), mRNA."
"Homo sapiens TMEM9 domain family, member B (TMEM9B), mRNA."
"Homo sapiens TATA element modulatory factor 1 (TMF1), mRNA."
"Homo sapiens transmembrane and immunoglobulin domain containing 1 (TMIGD1), mRNA."
"Homo sapiens trimethyllysine hydroxylase, epsilon (TMLHE), mRNA."
"Homo sapiens tropomodulin 1 (TMOD1), mRNA."
"Homo sapiens tropomodulin 2 (neuronal) (TMOD2), mRNA."
"Homo sapiens tropomodulin 3 (ubiquitous) (TMOD3), mRNA."
"Homo sapiens thymopoietin (TMPO), transcript variant 1, mRNA."
"Homo sapiens transmembrane protease, serine 11A (TMPRSS11A), mRNA."
"Homo sapiens transmembrane protease, serine 11B (TMPRSS11B), mRNA."
"Homo sapiens transmembrane protease, serine 12 (TMPRSS12), mRNA."
"Homo sapiens transmembrane protease, serine 13 (TMPRSS13), mRNA."
"PREDICTED: Homo sapiens transmembrane protease, serine 7, transcript variant 3 (TMPRSS
"Homo sapiens transmembrane protease, serine 9 (TMPRSS9), mRNA."
"Homo sapiens thymosin beta 10 (TMSB10), mRNA."
"Homo sapiens thymosin beta 15a (TMSB15A), mRNA."
"Homo sapiens thymosin, beta 4, X-linked (TMSB4X), mRNA."
"Homo sapiens thymosin beta 4, Y-linked (TMSB4Y), mRNA."
"Homo sapiens thymosin-like 3 (TMSL3), mRNA."
"Homo sapiens transmembrane and tetratricopeptide repeat containing 3 (TMTC3), mRNA."
"Homo sapiens transmembrane and tetratricopeptide repeat containing 4 (TMTC4), transcript va
"Homo sapiens transmembrane and ubiquitin-like domain containing 1 (TMUB1), mRNA."
"Homo sapiens transmembrane and ubiquitin-like domain containing 2 (TMUB2), transcript varia
"Homo sapiens thioredoxin-related transmembrane protein 1 (TMX1), mRNA."
"Homo sapiens thioredoxin-related transmembrane protein 3 (TMX3), mRNA."
"Homo sapiens thioredoxin-related transmembrane protein 4 (TMX4), mRNA."
"Homo sapiens tumor necrosis factor (TNF superfamily, member 2) (TNF), mRNA."
"Homo sapiens tumor necrosis factor, alpha-induced protein 1 (endothelial) (TNFAIP1), mRNA."
"Homo sapiens tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), mRNA."
"Homo sapiens tumor necrosis factor, alpha-induced protein 8 (TNFAIP8), transcript variant 2, n

"Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 1 (TNFAIP8L1), mRNA."
"Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 2 (TNFAIP8L2), mRNA."
"Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 3 (TNFAIP8L3), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 10a (TNFRSF10A), mRNA.
"Homo sapiens tumor necrosis factor receptor superfamily, member 10b (TNFRSF10B), transcri
"Homo sapiens tumor necrosis factor receptor superfamily, member 10c, decoy without an intra
"Homo sapiens tumor necrosis factor receptor superfamily, member 10d, decoy with truncated d
"Homo sapiens tumor necrosis factor receptor superfamily, member 11a, NFKB activator (TNFR
"Homo sapiens tumor necrosis factor receptor superfamily, member 12A (TNFRSF12A), mRNA
"Homo sapiens tumor necrosis factor receptor superfamily, member 13B (TNFRSF13B), mRNA
"Homo sapiens tumor necrosis factor receptor superfamily, member 13C (TNFRSF13C), mRNA
"Homo sapiens tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry media
"Homo sapiens tumor necrosis factor receptor superfamily, member 17 (TNFRSF17), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 18 (TNFRSF18), transcript
"Homo sapiens tumor necrosis factor receptor superfamily, member 1A (TNFRSF1A), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 21 (TNFRSF21), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 25 (TNFRSF25), transcript
"Homo sapiens tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), mRNA."
"Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), tra
"Homo sapiens tumor necrosis factor receptor superfamily, member 8 (TNFRSF8), transcript va
"Homo sapiens tumor necrosis factor receptor superfamily, member 9 (TNFRSF9), mRNA."
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 10 (TNFSF10), mRNA."
"Homo sapiens TNFSF12-TNFSF13 readthrough (TNFSF12-TNFSF13), mRNA."
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B), transcript
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 14 (TNFSF14), transcript va
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 15 (TNFSF15), mRNA."
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activa
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 8 (TNFSF8), mRNA."
"Homo sapiens tumor necrosis factor (ligand) superfamily, member 9 (TNFSF9), mRNA."
"Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), mRNA."
"Homo sapiens TNFAIP3 interacting protein 2 (TNIP2), mRNA."
"Homo sapiens tyrosine kinase, non-receptor, 2 (TNK2), transcript variant 1, mRNA."
"Homo sapiens tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase (TNKS), mR
"Homo sapiens tankyrase 1 binding protein 1, 182kDa (TNKS1BP1), mRNA."
"Homo sapiens troponin I type 2 (skeletal, fast) (TNNI2), mRNA."
"Homo sapiens troponin I type 3 (cardiac) (TNNI3), mRNA."
"Homo sapiens troponin T type 1 (skeletal, slow) (TNNT1), mRNA."
"Homo sapiens transition protein 1 (during histone to protamine replacement) (TNP1), mRNA."
"Homo sapiens transportin 1 (TNPO1), transcript variant 1, mRNA."
"Homo sapiens transportin 2 (importin 3, karyopherin beta 2b) (TNPO2), mRNA."
"Homo sapiens tenascin R (restrictin, janusin) (TNR), mRNA."
"Homo sapiens trinucleotide repeat containing 15 (TNRC15), mRNA."
"Homo sapiens trinucleotide repeat containing 4 (TNRC4), mRNA."

"Homo sapiens trinucleotide repeat containing 6A (TNRC6A), mRNA."
"Homo sapiens trinucleotide repeat containing 6B (TNRC6B), transcript variant 3, mRNA."
"PREDICTED: Homo sapiens trinucleotide repeat containing 9, transcript variant 2 (TNRC9), mF
"Homo sapiens tensin 3 (TNS3), mRNA."
"Homo sapiens transducer of ERBB2, 1 (TOB1), mRNA."
"Homo sapiens transducer of ERBB2, 2 (TOB2), mRNA."
"Homo sapiens target of EGR1, member 1 (nuclear) (TOE1), mRNA."
"Homo sapiens toll interacting protein (TOLLIP), mRNA."
"Homo sapiens target of myb1 (chicken) (TOM1), mRNA."
"Homo sapiens target of myb1-like 2 (chicken) (TOM1L2), transcript variant 3, mRNA."
"Homo sapiens translocase of outer mitochondrial membrane 20 homolog (yeast) (TOMM20), n
"Homo sapiens translocase of outer mitochondrial membrane 22 homolog (yeast) (TOMM22), n
"Homo sapiens translocase of outer mitochondrial membrane 34 (TOMM34), nuclear gene encc
"Homo sapiens translocase of outer mitochondrial membrane 40 homolog (yeast) (TOMM40), n
"Homo sapiens translocase of outer mitochondrial membrane 40 homolog (yeast)-like (TOMM4(
"Homo sapiens translocase of outer mitochondrial membrane 5 homolog (yeast) (TOMM5), nucl
"Homo sapiens translocase of outer mitochondrial membrane 6 homolog (yeast) (TOMM6), nucl
"Homo sapiens translocase of outer mitochondrial membrane 7 homolog (yeast) (TOMM7), nucl
"Homo sapiens translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae) (TO
"PREDICTED: Homo sapiens hypothetical LOC649159 (TOP), miscRNA."
"PREDICTED: Homo sapiens topoisomerase (DNA) I, mitochondrial (TOP1MT), mRNA."
"Homo sapiens topoisomerase (DNA) I pseudogene 1 (TOP1P1), non-coding RNA."
"Homo sapiens topoisomerase (DNA) II alpha 170kDa (TOP2A), mRNA."
"Homo sapiens topoisomerase (DNA) II beta 180kDa (TOP2B), mRNA."
"Homo sapiens topoisomerase (DNA) III beta (TOP3B), mRNA."
"Homo sapiens topoisomerase (DNA) II binding protein 1 (TOPBP1), mRNA."
"Homo sapiens topoisomerase I binding, arginine/serine-rich (TOPORS), mRNA."
"Homo sapiens torsin family 1, member A (torsin A) (TOR1A), mRNA."
"Homo sapiens torsin A interacting protein 1 (TOR1AIP1), mRNA."
"Homo sapiens torsin A interacting protein 2 (TOR1AIP2), mRNA."
"Homo sapiens torsin family 1, member B (torsin B) (TOR1B), mRNA."
"Homo sapiens torsin family 2, member A (TOR2A), mRNA."
"Homo sapiens torsin family 3, member A (TOR3A), mRNA."
"Homo sapiens thymocyte selection-associated high mobility group box (TOX), mRNA."
"Homo sapiens TOX high mobility group box family member 2 (TOX2), transcript variant 4, mRN
"Homo sapiens TOX high mobility group box family member 4 (TOX4), mRNA."
"Homo sapiens tumor protein p53 (TP53), mRNA."
"Homo sapiens TP53 activated protein 1 (TP53AP1), mRNA."
"Homo sapiens tumor protein p53 binding protein 1 (TP53BP1), mRNA."
"Homo sapiens tumor protein p53 binding protein, 2 (TP53BP2), transcript variant 1, mRNA."
"Homo sapiens tumor protein p53 inducible protein 11 (TP53I11), mRNA."
"Homo sapiens tumor protein p53 inducible protein 13 (TP53I13), mRNA."
"Homo sapiens tumor protein p53 inducible nuclear protein 1 (TP53INP1), mRNA."
"Homo sapiens tumor protein p53 inducible nuclear protein 2 (TP53INP2), mRNA."

"Homo sapiens TP53 regulating kinase (TP53RK), mRNA."
"Homo sapiens TP53 target 1 (non-protein coding) (TP53TG1), non-coding RNA."
"Homo sapiens TP53 target 5 (TP53TG5), mRNA."
"Homo sapiens tumor protein p63 (TP63), transcript variant 5, mRNA."
"Homo sapiens tumor protein p73-like (TP73L), mRNA."
"Homo sapiens two pore segment channel 1 (TPCN1), mRNA."
"Homo sapiens tumor protein D52 (TPD52), transcript variant 3, mRNA."
"Homo sapiens tumor protein D52-like 1 (TPD52L1), transcript variant 2, mRNA."
"Homo sapiens tumor protein D52-like 2 (TPD52L2), transcript variant 2, mRNA."
"Homo sapiens triosephosphate isomerase 1 (TPI1), mRNA."
"Homo sapiens tropomyosin 1 (alpha) (TPM1), transcript variant 3, mRNA."
"Homo sapiens tropomyosin 2 (beta) (TPM2), transcript variant 2, mRNA."
"Homo sapiens tropomyosin 3 (TPM3), transcript variant 1, mRNA."
"Homo sapiens tropomyosin 4 (TPM4), mRNA."
"Homo sapiens thiopurine S-methyltransferase (TPMT), mRNA."
"Homo sapiens tripeptidyl peptidase I (TPP1), mRNA."
"Homo sapiens tripeptidyl peptidase II (TPP2), mRNA."
"Homo sapiens tubulin polymerization promoting protein (TPPP), mRNA."
"Homo sapiens translocated promoter region (to activated MET oncogene) (TPR), mRNA."
"Homo sapiens tumor protein p63 regulated 1-like (TPRG1L), mRNA."
"Homo sapiens TP53RK binding protein (TPRKB), mRNA."
"Homo sapiens tyrosylprotein sulfotransferase 1 (TPST1), mRNA."
"Homo sapiens tyrosylprotein sulfotransferase 2 (TPST2), transcript variant 1, mRNA."
"Homo sapiens tumor protein, translationally-controlled 1 (TPT1), mRNA."
"Homo sapiens transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 (TPTE2
"Homo sapiens TPX2, microtubule-associated, homolog (Xenopus laevis) (TPX2), mRNA."
"PREDICTED: Homo sapiens tumor rejection antigen (gp96) 1 pseudogene 2 (TRA1P2), misc R
"Homo sapiens transformer 2 alpha homolog (Drosophila) (TRA2A), mRNA."
"Homo sapiens TraB domain containing (TRABD), mRNA."
"Homo sapiens TNFRSF1A-associated via death domain (TRADD), mRNA."
"Homo sapiens TNF receptor-associated factor 1 (TRAF1), mRNA."
"Homo sapiens TNF receptor-associated factor 2 (TRAF2), mRNA."
"Homo sapiens TNF receptor-associated factor 3 (TRAF3), transcript variant 3, mRNA."
"Homo sapiens TNF receptor-associated factor 3 interacting protein 1 (TRAF3IP1), mRNA."
"Homo sapiens TRAF3 interacting protein 2 (TRAF3IP2), transcript variant 1, mRNA."
"Homo sapiens TRAF3 interacting protein 3 (TRAF3IP3), mRNA."
"Homo sapiens TNF receptor-associated factor 4 (TRAF4), mRNA."
"Homo sapiens TNF receptor-associated factor 6 (TRAF6), transcript variant 2, mRNA."
"Homo sapiens TNF receptor-associated factor 7 (TRAF7), mRNA."
"Homo sapiens TRAF-type zinc finger domain containing 1 (TRAFD1), mRNA."
"Homo sapiens TRAF interacting protein (TRAIP), mRNA."
"Homo sapiens trafficking protein, kinesin binding 1 (TRAK1), mRNA."
"Homo sapiens trafficking protein, kinesin binding 2 (TRAK2), mRNA."
"Homo sapiens translocation associated membrane protein 1 (TRAM1), mRNA."

"Homo sapiens translocation associated membrane protein 2 (TRAM2), mRNA."
"Homo sapiens TNF receptor-associated protein 1 (TRAP1), mRNA."
"Homo sapiens trafficking protein particle complex 1 (TRAPPC1), mRNA."
"Homo sapiens trafficking protein particle complex 2 (TRAPPC2), transcript variant 1, mRNA."
"Homo sapiens trafficking protein particle complex 2-like (TRAPPC2L), mRNA."
"Homo sapiens trafficking protein particle complex 2 pseudogene 1 (TRAPPC2P1), non-coding I
"Homo sapiens trafficking protein particle complex 4 (TRAPPC4), mRNA."
"Homo sapiens trafficking protein particle complex 5 (TRAPPC5), transcript variant 3, mRNA."
"Homo sapiens trafficking protein particle complex 6A (TRAPPC6A), mRNA."
"Homo sapiens trafficking protein particle complex 6B (TRAPPC6B), transcript variant 1, mRNA
"Homo sapiens trafficking protein particle complex 9 (TRAPPC9), mRNA."
"Homo sapiens tRNA aspartic acid methyltransferase 1 (TRDMT1), transcript variant b, mRNA."
"Homo sapiens triggering receptor expressed on myeloid cells-like 1 (TREML1), mRNA."
"Homo sapiens transcriptional regulating factor 1 (TRERF1), mRNA."
"Homo sapiens TP53 regulated inhibitor of apoptosis 1 (TRIAP1), mRNA."
"Homo sapiens tribbles homolog 1 (Drosophila) (TRIB1), mRNA."
"Homo sapiens tribbles homolog 2 (Drosophila) (TRIB2), mRNA."
"Homo sapiens tribbles homolog 3 (Drosophila) (TRIB3), mRNA."
"Homo sapiens tripartite motif-containing 11 (TRIM11), mRNA."
"Homo sapiens tripartite motif-containing 13 (TRIM13), transcript variant 3, mRNA."
"Homo sapiens tripartite motif-containing 14 (TRIM14), transcript variant 4, mRNA."
"PREDICTED: Homo sapiens tripartite motif-containing 16 (TRIM16), mRNA."
"Homo sapiens tripartite motif-containing 16-like (TRIM16L), mRNA."
"Homo sapiens tripartite motif-containing 2 (TRIM2), mRNA."
"Homo sapiens tripartite motif-containing 21 (TRIM21), mRNA."
"Homo sapiens tripartite motif-containing 22 (TRIM22), mRNA."
"Homo sapiens tripartite motif-containing 23 (TRIM23), transcript variant alpha, mRNA."
"Homo sapiens tripartite motif-containing 24 (TRIM24), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 25 (TRIM25), mRNA."
"Homo sapiens tripartite motif-containing 26 (TRIM26), mRNA."
"Homo sapiens tripartite motif-containing 27 (TRIM27), mRNA."
"Homo sapiens tripartite motif-containing 28 (TRIM28), mRNA."
"Homo sapiens tripartite motif-containing 29 (TRIM29), mRNA."
"Homo sapiens tripartite motif-containing 3 (TRIM3), transcript variant 1, mRNA."
"Homo sapiens tripartite motif-containing 31 (TRIM31), mRNA."
"Homo sapiens tripartite motif-containing 32 (TRIM32), transcript variant 1, mRNA."
"Homo sapiens tripartite motif-containing 33 (TRIM33), transcript variant b, mRNA."
"Homo sapiens tripartite motif-containing 35 (TRIM35), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 36 (TRIM36), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 37 (TRIM37), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 38 (TRIM38), mRNA."
"Homo sapiens tripartite motif-containing 39 (TRIM39), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 4 (TRIM4), transcript variant beta, mRNA."
"Homo sapiens tripartite motif-containing 41 (TRIM41), transcript variant 1, mRNA."

"Homo sapiens tripartite motif-containing 44 (TRIM44), mRNA."
"Homo sapiens tripartite motif-containing 45 (TRIM45), mRNA."
"Homo sapiens tripartite motif-containing 46 (TRIM46), mRNA."
"Homo sapiens tripartite motif-containing 47 (TRIM47), mRNA."
"Homo sapiens tripartite motif-containing 5 (TRIM5), transcript variant gamma, mRNA."
"Homo sapiens tripartite motif-containing 52 (TRIM52), mRNA."
"PREDICTED: Homo sapiens misc_RNA (TRIM53), miscRNA."
"Homo sapiens tripartite motif-containing 55 (TRIM55), transcript variant 3, mRNA."
"Homo sapiens tripartite motif-containing 56 (TRIM56), mRNA."
"Homo sapiens tripartite motif-containing 59 (TRIM59), mRNA."
"Homo sapiens tripartite motif-containing 61 (TRIM61), mRNA."
"Homo sapiens tripartite motif-containing 62 (TRIM62), mRNA."
"Homo sapiens tripartite motif-containing 65 (TRIM65), mRNA."
"Homo sapiens tripartite motif-containing 66 (TRIM66), mRNA."
"Homo sapiens tripartite motif-containing 68 (TRIM68), mRNA."
"Homo sapiens tripartite motif-containing 69 (TRIM69), transcript variant b, mRNA."
"Homo sapiens tripartite motif-containing 7 (TRIM7), transcript variant 2, mRNA."
"Homo sapiens tripartite motif-containing 72 (TRIM72), mRNA."
"Homo sapiens tripartite motif-containing 78, pseudogene (TRIM78P), non-coding RNA."
"Homo sapiens tripartite motif-containing 8 (TRIM8), mRNA."
"Homo sapiens tripartite motif-containing 9 (TRIM9), transcript variant 2, mRNA."
"Homo sapiens tripartite motif family-like 1 (TRIML1), mRNA."
"Homo sapiens TRIO and F-actin binding protein (TRIOBP), transcript variant 6, mRNA."
"Homo sapiens thyroid hormone receptor interactor 10 (TRIP10), mRNA."
"Homo sapiens thyroid hormone receptor interactor 11 (TRIP11), mRNA."
"Homo sapiens thyroid hormone receptor interactor 12 (TRIP12), mRNA."
"Homo sapiens thyroid hormone receptor interactor 13 (TRIP13), mRNA."
"Homo sapiens thyroid hormone receptor interactor 4 (TRIP4), mRNA."
"Homo sapiens thyroid hormone receptor interactor 6 (TRIP6), mRNA."
"Homo sapiens tRNA isopentenyltransferase 1 (TRIT1), mRNA."
Homo sapiens tRNA lysine 1 (TRK1) on chromosome 17.
"Homo sapiens TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae) (TRMT1), mRNA."
"Homo sapiens tRNA methyltransferase 11 homolog (S. cerevisiae) (TRMT11), mRNA."
"Homo sapiens tRNA methyltransferase 11-2 homolog (S. cerevisiae) (TRMT112), mRNA."
"Homo sapiens tRNA methyltransferase 12 homolog (S. cerevisiae) (TRMT12), mRNA."
"Homo sapiens TRM2 tRNA methyltransferase 2 homolog A (S. cerevisiae) (TRMT2A), transcrip
"Homo sapiens TRM2 tRNA methyltransferase 2 homolog B (S. cerevisiae) (TRMT2B), mRNA."
"Homo sapiens TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae) (TRMT5), mRNA."
"Homo sapiens tRNA methyltransferase 6 homolog (S. cerevisiae) (TRMT6), mRNA."
"Homo sapiens tRNA methyltransferase 61 homolog A (S. cerevisiae) (TRMT61A), mRNA."
"Homo sapiens tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase (TRMU), nuclear g
"Homo sapiens TMF1-regulated nuclear protein 1 (TRNP1), mRNA."
"Homo sapiens tRNA nucleotidyl transferase, CCA-adding, 1 (TRNT1), mRNA."
"Homo sapiens trophinin (TRO), transcript variant 6, mRNA."

"Homo sapiens trophinin associated protein (tastin) (TROAP), mRNA."
"Homo sapiens TROVE domain family, member 2 (TROVE2), transcript variant 3, mRNA."
"Homo sapiens transient receptor potential cation channel, subfamily A, member 1 (TRPA1), mF
"Homo sapiens transient receptor potential cation channel, subfamily C, member 1 (TRPC1), mI
"Homo sapiens transient receptor potential cation channel, subfamily C, member 3 (TRPC3), mI
"Homo sapiens transient receptor potential cation channel, subfamily C, member 4 associated p
"Homo sapiens transient receptor potential cation channel, subfamily C, member 5 (TRPC5), mI
"Homo sapiens transient receptor potential cation channel, subfamily M, member 4 (TRPM4), m
"Homo sapiens transient receptor potential cation channel, subfamily M, member 7 (TRPM7), m
"Homo sapiens trichorhinophalangeal syndrome I (TRPS1), mRNA."
"Homo sapiens transient receptor potential cation channel, subfamily V, member 1 (TRPV1), tra
"Homo sapiens transient receptor potential cation channel, subfamily V, member 2 (TRPV2), mF
"Homo sapiens transformation/transcription domain-associated protein (TRRAP), mRNA."
"Homo sapiens TruB pseudouridine (psi) synthase homolog 1 (E. coli) (TRUB1), mRNA."
"Homo sapiens TruB pseudouridine (psi) synthase homolog 2 (E. coli) (TRUB2), mRNA."
"Homo sapiens tuberous sclerosis 1 (TSC1), transcript variant 1, mRNA."
"Homo sapiens tuberous sclerosis 2 (TSC2), transcript variant 1, mRNA."
"Homo sapiens TSC22 domain family, member 1 (TSC22D1), transcript variant 1, mRNA."
"Homo sapiens TSC22 domain family, member 2 (TSC22D2), mRNA."
"Homo sapiens TSC22 domain family, member 3 (TSC22D3), transcript variant 2, mRNA."
"Homo sapiens TSC22 domain family, member 4 (TSC22D4), mRNA."
"Homo sapiens tRNA splicing endonuclease 15 homolog (S. cerevisiae) (TSEN15), transcript va
"Homo sapiens tRNA splicing endonuclease 2 homolog (S. cerevisiae) (TSEN2), mRNA."
"Homo sapiens tRNA splicing endonuclease 34 homolog (S. cerevisiae) (TSEN34), transcript va
"Homo sapiens tRNA splicing endonuclease 54 homolog (S. cerevisiae) (TSEN54), mRNA."
"Homo sapiens Ts translation elongation factor, mitochondrial (TSFM), mRNA."
"Homo sapiens tumor susceptibility gene 101 (TSG101), mRNA."
"Homo sapiens testis specific, 10 (TSGA10), mRNA."
"Homo sapiens testis specific, 14 (TSGA14), mRNA."
"Homo sapiens thyroid stimulating hormone receptor (TSHR), transcript variant 2, mRNA."
"Homo sapiens teashirt zinc finger homeobox 1 (TSHZ1), mRNA."
"Homo sapiens teashirt zinc finger homeobox 2 (TSHZ2), mRNA."
"Homo sapiens XIST antisense RNA (non-protein coding) (TSIX), antisense RNA."
"Homo sapiens tsukushin (TSKU), mRNA."
"Homo sapiens thymic stromal lymphopoietin (TSLP), transcript variant 2, mRNA."
"Homo sapiens translin (TSN), mRNA."
"Homo sapiens translin-associated factor X (TSNAX), mRNA."
"Homo sapiens translin-associated factor X interacting protein 1 (TSNAXIP1), mRNA."
"Homo sapiens tryptophan/serine protease (T-SP1), mRNA."
"Homo sapiens testes-specific protease 50 (TSP50), mRNA."
"Homo sapiens tetraspanin 10 (TSPAN10), mRNA."
"Homo sapiens tetraspanin 13 (TSPAN13), mRNA."
"Homo sapiens tetraspanin 14 (TSPAN14), mRNA."
"Homo sapiens tetraspanin 15 (TSPAN15), mRNA."

"Homo sapiens tetraspanin 17 (TSPAN17), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens tetraspanin 19 (TSPAN19), mRNA."
"Homo sapiens tetraspanin 3 (TSPAN3), transcript variant 1, mRNA."
"Homo sapiens tetraspanin 31 (TSPAN31), mRNA."
"Homo sapiens tetraspanin 32 (TSPAN32), mRNA."
"Homo sapiens tetraspanin 33 (TSPAN33), mRNA."
"Homo sapiens tetraspanin 5 (TSPAN5), mRNA."
"Homo sapiens tetraspanin 7 (TSPAN7), mRNA."
"Homo sapiens tetraspanin 8 (TSPAN8), mRNA."
"Homo sapiens tetraspanin 9 (TSPAN9), mRNA."
"Homo sapiens translocator protein (18kDa) (TSPO), transcript variant PBR-S, mRNA."
"Homo sapiens TSPY-like 1 (TSPYL1), mRNA."
"Homo sapiens TSPY-like 2 (TSPYL2), mRNA."
"PREDICTED: Homo sapiens TSPY-like 3 (pseudogene) (TSPYL3), misc RNA."
"Homo sapiens TSPY-like 4 (TSPYL4), mRNA."
"Homo sapiens TSR1, 20S rRNA accumulation, homolog (S. cerevisiae) (TSR1), mRNA."
"Homo sapiens TSR2, 20S rRNA accumulation, homolog (S. cerevisiae) (TSR2), mRNA."
"Homo sapiens tumor suppressing subtransferable candidate 4 (TSSC4), mRNA."
"Homo sapiens testis-specific serine kinase 4 (TSSK4), mRNA."
"Homo sapiens testis-specific serine kinase 6 (TSSK6), mRNA."
"Homo sapiens thiosulfate sulfurtransferase (rhodanese) (TST), nuclear gene encoding mitocho
"Homo sapiens tissue specific transplantation antigen P35B (TSTA3), mRNA."
"Homo sapiens thiosulfate sulfurtransferase (rhodanese)-like domain containing 1 (TSTD1), trar
"Homo sapiens tetratricopeptide repeat domain 1 (TTC1), mRNA."
"Homo sapiens tetratricopeptide repeat domain 13 (TTC13), mRNA."
"Homo sapiens tetratricopeptide repeat domain 14 (TTC14), transcript variant 2, mRNA."
"Homo sapiens tetratricopeptide repeat domain 15 (TTC15), mRNA."
"Homo sapiens tetratricopeptide repeat domain 17 (TTC17), mRNA."
"Homo sapiens tetratricopeptide repeat domain 18 (TTC18), mRNA."
"Homo sapiens tetratricopeptide repeat domain 19 (TTC19), mRNA."
"Homo sapiens tetratricopeptide repeat domain 21A (TTC21A), mRNA."
"Homo sapiens tetratricopeptide repeat domain 22 (TTC22), mRNA."
"Homo sapiens tetratricopeptide repeat domain 23 (TTC23), transcript variant 2, mRNA."
"Homo sapiens tetratricopeptide repeat domain 23-like (TTC23L), mRNA."
"Homo sapiens tetratricopeptide repeat domain 25 (TTC25), mRNA."
"Homo sapiens tetratricopeptide repeat domain 26 (TTC26), mRNA."
"Homo sapiens tetratricopeptide repeat domain 27 (TTC27), mRNA."
"PREDICTED: Homo sapiens tetratricopeptide repeat domain 28 (TTC28), mRNA."
"Homo sapiens tetratricopeptide repeat domain 29 (TTC29), mRNA."
"Homo sapiens tetratricopeptide repeat domain 30A (TTC30A), mRNA."
"Homo sapiens tetratricopeptide repeat domain 30B (TTC30B), mRNA."
"Homo sapiens tetratricopeptide repeat domain 31 (TTC31), mRNA."
"Homo sapiens tetratricopeptide repeat domain 32 (TTC32), mRNA."
"Homo sapiens tetratricopeptide repeat domain 33 (TTC33), mRNA."

"Homo sapiens tetratricopeptide repeat domain 35 (TTC35), mRNA."
"Homo sapiens tetratricopeptide repeat domain 37 (TTC37), mRNA."
"Homo sapiens tetratricopeptide repeat domain 38 (TTC38), mRNA."
"Homo sapiens tetratricopeptide repeat domain 39B (TTC39B), mRNA."
"Homo sapiens tetratricopeptide repeat domain 39C (TTC39C), mRNA."
"Homo sapiens tetratricopeptide repeat domain 3-like (TTC3L), non-coding RNA."
"Homo sapiens tetratricopeptide repeat domain 4 (TTC4), mRNA."
"Homo sapiens tetratricopeptide repeat domain 5 (TTC5), mRNA."
"Homo sapiens tetratricopeptide repeat domain 7A (TTC7A), mRNA."
"Homo sapiens tetratricopeptide repeat domain 8 (TTC8), transcript variant 3, mRNA."
"Homo sapiens tetratricopeptide repeat domain 9 (TTC9), mRNA."
"Homo sapiens tetratricopeptide repeat domain 9C (TTC9C), mRNA."
"Homo sapiens transcription termination factor, RNA polymerase I (TTF1), mRNA."
"Homo sapiens transcription termination factor, RNA polymerase II (TTF2), mRNA."
"Homo sapiens TTK protein kinase (TTK), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 1 (TTLL1), transcript variant 1, mRNA
"Homo sapiens tubulin tyrosine ligase-like family, member 10 (TTLL10), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 11 (TTLL11), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 12 (TTLL12), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 3 (TTLL3), transcript variant 2, mRNA
"Homo sapiens tubulin tyrosine ligase-like family, member 4 (TTLL4), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 5 (TTLL5), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 6 (TTLL6), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 7 (TTLL7), mRNA."
"Homo sapiens tubulin tyrosine ligase-like family, member 8 (TTLL8), mRNA."
"Homo sapiens tocopherol (alpha) transfer protein-like (TTPAL), transcript variant 2, mRNA."
"Homo sapiens testis-specific transcript, Y-linked 10 (non-protein coding) (TTTY10), non-coding
"Homo sapiens testis-specific transcript, Y-linked 19 (non-protein coding) (TTTY19), non-coding
"Homo sapiens testis-specific transcript, Y-linked 3 (non-protein coding) (TTTY3), non-coding RI
"Homo sapiens testis-specific transcript, Y-linked 4B (non-protein coding) (TTTY4B), non-coding
"Homo sapiens testis-specific transcript, Y-linked 7B (non-protein coding) (TTTY7B), non-coding
"Homo sapiens tweety homolog 2 (Drosophila) (TTYH2), transcript variant 2, mRNA."
"Homo sapiens tweety homolog 3 (Drosophila) (TTYH3), mRNA."
"Homo sapiens tubulin, alpha 1a (TUBA1A), mRNA."
"Homo sapiens tubulin, alpha 1b (TUBA1B), mRNA."
"Homo sapiens tubulin, alpha 1c (TUBA1C), mRNA."
"Homo sapiens tubulin, alpha 3d (TUBA3D), mRNA."
"Homo sapiens tubulin, alpha 3e (TUBA3E), mRNA."
"Homo sapiens tubulin, alpha 4a (TUBA4A), mRNA."
"Homo sapiens tubulin, alpha-like 3 (TUBAL3), mRNA."
"Homo sapiens tubulin, beta (TUBB), mRNA."
"Homo sapiens tubulin, beta 2A (TUBB2A), mRNA."
"Homo sapiens tubulin, beta 2B (TUBB2B), mRNA."
"Homo sapiens tubulin, beta 2C (TUBB2C), mRNA."

"Homo sapiens tubulin, beta 3 (TUBB3), mRNA."
"Homo sapiens tubulin, beta 4 (TUBB4), mRNA."
"Homo sapiens tubulin, beta polypeptide 4, member Q (TUBB4Q), mRNA."
"PREDICTED: Homo sapiens tubulin, beta 6 (TUBB6), mRNA."
"Homo sapiens tubulin, delta 1 (TUBD1), mRNA."
"Homo sapiens tubulin, epsilon 1 (TUBE1), mRNA."
"Homo sapiens tubulin, gamma 1 (TUBG1), mRNA."
"Homo sapiens tubulin, gamma 2 (TUBG2), mRNA."
"Homo sapiens tubulin, gamma complex associated protein 2 (TUBGCP2), mRNA."
"Homo sapiens tubulin, gamma complex associated protein 4 (TUBGCP4), mRNA."
"Homo sapiens tubulin, gamma complex associated protein 5 (TUBGCP5), mRNA."
"Homo sapiens tubulin, gamma complex associated protein 6 (TUBGCP6), transcript variant 2, r
"Homo sapiens tuftelin 1 (TUFT1), mRNA."
"Homo sapiens taurine upregulated 1 (non-protein coding) (TUG1), non-coding RNA."
"Homo sapiens tubby like protein 3 (TULP3), mRNA."
"Homo sapiens tubby like protein 4 (TULP4), transcript variant 1, mRNA."
"Homo sapiens tumor suppressor candidate 2 (TUSC2), mRNA."
"Homo sapiens tumor suppressor candidate 4 (TUSC4), mRNA."
"Homo sapiens terminal uridylyl transferase 1, U6 snRNA-specific (TUT1), mRNA."
"Homo sapiens twinfilin, actin-binding protein, homolog 1 (Drosophila) (TWF1), mRNA."
"Homo sapiens twinfilin, actin-binding protein, homolog 2 (Drosophila) (TWF2), mRNA."
"Homo sapiens twist homolog 1 (Drosophila) (TWIST1), mRNA."
"Homo sapiens TWIST neighbor (TWISTNB), mRNA."
"Homo sapiens twisted gastrulation homolog 1 (Drosophila) (TWSG1), mRNA."
"Homo sapiens taxilin alpha (TXLNA), mRNA."
"Homo sapiens taxilin beta (TXLNB), mRNA."
"Homo sapiens thioredoxin (TXN), mRNA."
"Homo sapiens thioredoxin 2 (TXN2), nuclear gene encoding mitochondrial protein, mRNA."
"Homo sapiens thioredoxin domain containing 11 (TXNDC11), mRNA."
"Homo sapiens thioredoxin domain containing 12 (endoplasmic reticulum) (TXNDC12), mRNA."
"Homo sapiens thioredoxin domain containing 14 (TXNDC14), mRNA."
"Homo sapiens thioredoxin domain containing 15 (TXNDC15), mRNA."
"Homo sapiens thioredoxin domain containing 16 (TXNDC16), mRNA."
"Homo sapiens thioredoxin domain containing 17 (TXNDC17), mRNA."
"Homo sapiens thioredoxin domain containing 2 (spermatozoa) (TXNDC2), transcript variant 1, r
"Homo sapiens thioredoxin domain containing 5 (endoplasmic reticulum) (TXNDC5), transcript v
"Homo sapiens thioredoxin domain containing 9 (TXNDC9), mRNA."
"Homo sapiens thioredoxin interacting protein (TXNIP), mRNA."
"Homo sapiens thioredoxin-like 2 (TXNL2), mRNA."
"Homo sapiens thioredoxin-like 4B (TXNL4B), mRNA."
"Homo sapiens thioredoxin reductase 1 (TXNRD1), transcript variant 4, mRNA."
"Homo sapiens thioredoxin reductase 2 (TXNRD2), nuclear gene encoding mitochondrial protei
"Homo sapiens tyrosine kinase 2 (TYK2), mRNA."
"Homo sapiens thymidine phosphorylase (TYMP), transcript variant 1, mRNA."

"Homo sapiens thymidylate synthetase (TYMS), mRNA."
"Homo sapiens TYRO3 protein tyrosine kinase (TYRO3), mRNA."
"Homo sapiens TYRO protein tyrosine kinase binding protein (TYROBP), transcript variant 1, m
"Homo sapiens trypsin domain containing 1 (TYSND1), transcript variant 2, mRNA."
"Homo sapiens tRNA-yW synthesizing protein 1 homolog (S. cerevisiae) (TYW1), mRNA."
"PREDICTED: Homo sapiens misc_RNA (TYW1B), miscRNA."
"Homo sapiens tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) (TYW3), mRNA."
"Homo sapiens U11/U12 snRNP 35K (U1SNRNPBP), transcript variant 4, mRNA."
"Homo sapiens U2 small nuclear RNA auxiliary factor 1 (U2AF1), transcript variant b, mRNA."
"Homo sapiens U2(RNU2) small nuclear RNA auxiliary factor 1-like 2 (U2AF1L2), mRNA."
"Homo sapiens U2 small nuclear RNA auxiliary factor 1-like 4 (U2AF1L4), transcript variant 2, m
"Homo sapiens U2 small nuclear RNA auxiliary factor 2 (U2AF2), transcript variant 1, mRNA."
"Homo sapiens UDP-N-acteylglucosamine pyrophosphorylase 1 (UAP1), mRNA."
"Homo sapiens UDP-N-acteylglucosamine pyrophosphorylase 1-like 1 (UAP1L1), mRNA."
"Homo sapiens ubiquitin-like modifier activating enzyme 1 (UBA1), transcript variant 1, mRNA."
"Homo sapiens ubiquitin-like modifier activating enzyme 2 (UBA2), mRNA."
"Homo sapiens ubiquitin-like modifier activating enzyme 3 (UBA3), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-like modifier activating enzyme 5 (UBA5), transcript variant 1, mRNA."
"Homo sapiens ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52), transcript va
"Homo sapiens ubiquitin-like modifier activating enzyme 6 (UBA6), mRNA."
"Homo sapiens ubiquitin-like modifier activating enzyme 7 (UBA7), mRNA."
"Homo sapiens UBA domain containing 1 (UBAC1), mRNA."
"Homo sapiens UBA domain containing 2 (UBAC2), mRNA."
"Homo sapiens ubiquitin associated protein 1 (UBAP1), mRNA."
"Homo sapiens ubiquitin associated protein 2 (UBAP2), mRNA."
"Homo sapiens ubiquitin associated protein 2-like (UBAP2L), mRNA."
"Homo sapiens ubiquitin associated and SH3 domain containing, B (UBASH3B), mRNA."
"Homo sapiens ubiquitin B (UBB), mRNA."
"Homo sapiens ubiquitin C (UBC), mRNA."
"Homo sapiens ubiquitin D (UBD), mRNA."
"Homo sapiens ubiquitin-activating enzyme E1 (UBE1), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-activating enzyme E1C (UBA3 homolog, yeast) (UBE1C), transcript va
"Homo sapiens ubiquitin-activating enzyme E1-domain containing 1 (UBE1DC1), transcript varia
"Homo sapiens ubiquitin-conjugating enzyme E2A (RAD6 homolog) (UBE2A), transcript variant
"Homo sapiens ubiquitin-conjugating enzyme E2B (RAD6 homolog) (UBE2B), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 3, mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2C binding protein (UBE2CBP), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) (UBE2D2), transc
"Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) (UBE2D3), transc
"Homo sapiens ubiquitin-conjugating enzyme E2D 4 (putative) (UBE2D4), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast) (UBE2E1), transc
"Homo sapiens ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast) (UBE2E2), mRNA
"Homo sapiens ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast) (UBE2E3), transc
"Homo sapiens ubiquitin-conjugating enzyme E2F (putative) (UBE2F), mRNA."

"Homo sapiens ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) (UBE2G1), mRNA.
"Homo sapiens ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast) (UBE2G2), transcr
"Homo sapiens ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast) (UBE2H), transcript v
"Homo sapiens ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast) (UBE2I), transcript va
"Homo sapiens ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast) (UBE2J1), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast) (UBE2J2), transcri
"Homo sapiens ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast) (UBE2K), transcript v
"Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2L 6 (UBE2L6), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) (UBE2M), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2M pseudogene 1 (UBE2MP1), non-coding RNA
"Homo sapiens ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) (UBE2N), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2O (UBE2O), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2Q (putative) 1 (UBE2Q1), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 (UBE2Q2), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2Q family pseudogene 2 (UBE2QP2), non-codin
"Homo sapiens ubiquitin-conjugating enzyme E2R 2 (UBE2R2), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2S (UBE2S), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2T (putative) (UBE2T), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2 variant 1 (UBE2V1), transcript variant 3, mRNA
"Homo sapiens ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2), mRNA."
"Homo sapiens ubiquitin-conjugating enzyme E2W (putative) (UBE2W), transcript variant 2, mR
"Homo sapiens ubiquitin-conjugating enzyme E2Z (UBE2Z), mRNA."
"Homo sapiens ubiquitin protein ligase E3A (UBE3A), transcript variant 3, mRNA."
"Homo sapiens ubiquitin protein ligase E3B (UBE3B), transcript variant 1, mRNA."
"Homo sapiens ubiquitination factor E4A (UFD2 homolog, yeast) (UBE4A), mRNA."
"Homo sapiens ubiquitination factor E4B (UFD2 homolog, yeast) (UBE4B), mRNA."
"Homo sapiens ubiquitin family domain containing 1 (UBFD1), mRNA."
"Homo sapiens UbiA prenyltransferase domain containing 1 (UBIAD1), mRNA."
"Homo sapiens ubiquitin-like 3 (UBL3), mRNA."
"Homo sapiens ubiquitin-like 4A (UBL4A), mRNA."
"Homo sapiens ubiquitin-like 5 (UBL5), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-like 7 (bone marrow stromal cell-derived) (UBL7), transcript variant 1, m
"Homo sapiens ubiquitin-like domain containing CTD phosphatase 1 (UBLCP1), mRNA."
"Homo sapiens ubinuclein 1 (UBN1), transcript variant 2, mRNA."
"Homo sapiens ubinuclein 2 (UBN2), mRNA."
"Homo sapiens upstream binding protein 1 (LBP-1a) (UBP1), mRNA."
"Homo sapiens ubiquilin 1 (UBQLN1), transcript variant 1, mRNA."
"Homo sapiens ubiquilin 2 (UBQLN2), mRNA."
"Homo sapiens ubiquilin 4 (UBQLN4), mRNA."
"Homo sapiens ubiquitin protein ligase E3 component n-recognin 1 (UBR1), mRNA."
"Homo sapiens ubiquitin protein ligase E3 component n-recognin 2 (UBR2), mRNA."
"Homo sapiens ubiquitin protein ligase E3 component n-recognin 3 (putative) (UBR3), mRNA."
"Homo sapiens ubiquitin protein ligase E3 component n-recognin 4 (UBR4), mRNA."

"Homo sapiens ubiquitin protein ligase E3 component n-recognin 5 (UBR5), mRNA."
"Homo sapiens ubiquitin protein ligase E3 component n-recognin 7 (putative) (UBR7), transcript
"Homo sapiens ubiquitin domain containing 1 (UBTD1), mRNA."
"Homo sapiens ubiquitin domain containing 2 (UBTD2), mRNA."
"Homo sapiens upstream binding transcription factor, RNA polymerase I (UBTF), transcript varia
"PREDICTED: Homo sapiens upstream binding transcription factor, RNA polymerase I-like 5 (U
"Homo sapiens UBX domain protein 1 (UBXN1), mRNA."
"Homo sapiens UBX domain protein 11 (UBXN11), transcript variant 2, mRNA."
"Homo sapiens UBX domain protein 2B (UBXN2B), mRNA."
"Homo sapiens UBX domain protein 4 (UBXN4), mRNA."
"Homo sapiens UBX domain protein 6 (UBXN6), mRNA."
"Homo sapiens UBX domain protein 7 (UBXN7), mRNA."
"Homo sapiens UBX domain protein 8 (UBXN8), mRNA."
"Homo sapiens ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (UCHL1), mRNA
"Homo sapiens ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) (UCHL3), mRNA
"Homo sapiens ubiquitin carboxyl-terminal hydrolase L5 (UCHL5), mRNA."
"Homo sapiens UCHL5 interacting protein (UCHL5IP), transcript variant 1, mRNA."
"Homo sapiens uridine-cytidine kinase 1 (UCK1), mRNA."
"Homo sapiens uridine-cytidine kinase 2 (UCK2), mRNA."
"Homo sapiens uridine-cytidine kinase 1-like 1 (UCKL1), mRNA."
"Homo sapiens uncoupling protein 2 (mitochondrial, proton carrier) (UCP2), nuclear gene encod
"Homo sapiens ubiquinol-cytochrome c reductase complex (7.2 kD) (UCRC), transcript variant 2
"Homo sapiens UEV and lactate/malate dehyrogenase domains (UEVLD), transcript variant 1, n
"Homo sapiens ubiquitin-fold modifier conjugating enzyme 1 (UFC1), mRNA."
"Homo sapiens ubiquitin fusion degradation 1 like (yeast) (UFD1L), transcript variant 2, mRNA."
"Homo sapiens ubiquitin-fold modifier 1 (UFM1), mRNA."
"Homo sapiens UFM1-specific peptidase 2 (UFSP2), mRNA."
"Homo sapiens UDP-glucose ceramide glucosyltransferase (UGCG), mRNA."
"Homo sapiens UDP-glucose ceramide glucosyltransferase-like 2 (UGCGL2), mRNA."
"Homo sapiens UDP-glucose dehydrogenase (UGDH), mRNA."
"Homo sapiens UDP-glucose pyrophosphorylase 2 (UGP2), transcript variant 1, mRNA."
"Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A3 (UGT1A3), mRNA."
"Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide A3 (UGT2A3), mRNA."
"Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B17 (UGT2B17), mRNA."
"PREDICTED: Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B7 (UGT2B7),
"Homo sapiens UDP glycosyltransferase 8 (UDP-galactose ceramide galactosyltransferase) (UC
"Homo sapiens ubiquitin-like with PHD and ring finger domains 1 (UHRF1), transcript variant 2,
"Homo sapiens UHRF1 binding protein 1 (UHRF1BP1), mRNA."
"Homo sapiens UHRF1 binding protein 1-like (UHRF1BP1L), transcript variant 1, mRNA."
"Homo sapiens ubiquitin interaction motif containing 1 (UIMC1), mRNA."
"Homo sapiens UL16 binding protein 1 (ULBP1), mRNA."
"Homo sapiens UL16 binding protein 2 (ULBP2), mRNA."
"PREDICTED: Homo sapiens unc-51-like kinase 1 (C. elegans) (ULK1), mRNA."
"Homo sapiens unc-51-like kinase 2 (C. elegans) (ULK2), mRNA."

"Homo sapiens unc-51-like kinase 3 (C. elegans) (ULK3), mRNA."
"Homo sapiens unc-51-like kinase 4 (C. elegans) (ULK4), mRNA."
"Homo sapiens uromodulin (UMOD), transcript variant 2, mRNA."
"Homo sapiens uromodulin-like 1 (UMODL1), transcript variant 2, mRNA."
"Homo sapiens uridine monophosphate synthetase (orotate phosphoribosyl transferase and oro
"Homo sapiens unc-119 homolog (C. elegans) (UNC119), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens unc-13 homolog A (C. elegans) (UNC13A), mRNA."
"PREDICTED: Homo sapiens unc-13 homolog C (C. elegans), transcript variant 3 (UNC13C), m
"Homo sapiens unc-13 homolog D (C. elegans) (UNC13D), mRNA."
"Homo sapiens unc-45 homolog A (C. elegans) (UNC45A), transcript variant 3, mRNA."
"Homo sapiens unc-50 homolog (C. elegans) (UNC50), mRNA."
"Homo sapiens unc-5 homolog A (C. elegans) (UNC5A), mRNA."
"Homo sapiens unc-5 homolog C (C. elegans)-like (UNC5CL), mRNA."
"Homo sapiens unc-84 homolog A (C. elegans) (UNC84A), mRNA."
"Homo sapiens unc-84 homolog B (C. elegans) (UNC84B), mRNA."
"Homo sapiens unc-93 homolog B1 (C. elegans) (UNC93B1), mRNA."
"Homo sapiens uracil-DNA glycosylase (UNG), transcript variant 2, mRNA."
"Homo sapiens unkempt homolog (Drosophila)-like (UNKL), transcript variant 2, mRNA."
"Homo sapiens HWKM1940 (UNQ1940), mRNA."
"PREDICTED: Homo sapiens NGNL6975 (UNQ6975), mRNA."
"Homo sapiens ureidopropionase, beta (UPB1), mRNA."
"Homo sapiens UPF1 regulator of nonsense transcripts homolog (yeast) (UPF1), mRNA."
"Homo sapiens UPF2 regulator of nonsense transcripts homolog (yeast) (UPF2), transcript varia
"Homo sapiens UPF3 regulator of nonsense transcripts homolog A (yeast) (UPF3A), transcript v
"Homo sapiens UPF3 regulator of nonsense transcripts homolog B (yeast) (UPF3B), transcript v
"Homo sapiens uroplakin 1A (UPK1A), mRNA."
"Homo sapiens uroplakin-like protein (UPLP), mRNA."
"Homo sapiens uridine phosphorylase 1 (UPP1), transcript variant 1, mRNA."
"Homo sapiens uridine phosphorylase 2 (UPP2), mRNA."
"Homo sapiens uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae) (UPRT), mRN
"Homo sapiens ubiquinol-cytochrome c reductase complex chaperone (UQCC), nuclear gene er
"Homo sapiens ubiquinol-cytochrome c reductase, 6.4kDa subunit (UQCR), mRNA."
"Homo sapiens ubiquinol-cytochrome c reductase binding protein (UQCRB), mRNA."
"Homo sapiens ubiquinol-cytochrome c reductase core protein I (UQCRC1), mRNA."
"Homo sapiens ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 (UQCRFS1)
"Homo sapiens ubiquinol-cytochrome c reductase, complex III subunit VII, 9.5kDa (UQCRQ), nu
"Homo sapiens URB2 ribosome biogenesis 2 homolog (S. cerevisiae) (URB2), mRNA."
"Homo sapiens up-regulated gene 4 (URG4), nuclear gene encoding mitochondrial protein, tran
"Homo sapiens ubiquitin related modifier 1 homolog (S. cerevisiae) (URM1), mRNA."
"Homo sapiens uroporphyrinogen decarboxylase (UROD), mRNA."
"Homo sapiens uroporphyrinogen III synthase (congenital erythropoietic porphyria) (UROS), mR
"Homo sapiens unconventional SNARE in the ER 1 homolog (S. cerevisiae) (USE1), mRNA."
"Homo sapiens upstream transcription factor 1 (USF1), transcript variant 2, mRNA."
"Homo sapiens upstream transcription factor 2, c-fos interacting (USF2), transcript variant 2, mF

"Homo sapiens Usher syndrome 1G (autosomal recessive) (USH1G), mRNA."
"Homo sapiens Usher syndrome 1C binding protein 1 (USHBP1), mRNA."
"Homo sapiens up-regulated during skeletal muscle growth 5 homolog (mouse) (USMG5), mRN
"Homo sapiens USO1 homolog, vesicle docking protein (yeast) (USO1), mRNA."
"Homo sapiens ubiquitin specific peptidase 1 (USP1), transcript variant 3, mRNA."
"Homo sapiens ubiquitin specific peptidase 10 (USP10), mRNA."
"Homo sapiens ubiquitin specific peptidase 11 (USP11), mRNA."
"Homo sapiens ubiquitin specific peptidase 12 (USP12), mRNA."
"Homo sapiens ubiquitin specific peptidase 13 (isopeptidase T-3) (USP13), mRNA."
"Homo sapiens ubiquitin specific peptidase 15 (USP15), mRNA."
"Homo sapiens ubiquitin specific peptidase 16 (USP16), transcript variant 3, mRNA."
"Homo sapiens ubiquitin specific peptidase 18 (USP18), mRNA."
"Homo sapiens ubiquitin specific peptidase 2 (USP2), transcript variant 2, mRNA."
"Homo sapiens ubiquitin specific peptidase 21 (USP21), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens ubiquitin specific peptidase 22, transcript variant 5 (USP22), mRN
"Homo sapiens ubiquitin specific peptidase 24 (USP24), mRNA."
"Homo sapiens ubiquitin specific peptidase 25 (USP25), mRNA."
"Homo sapiens ubiquitin specific peptidase 3 (USP3), mRNA."
"Homo sapiens ubiquitin specific peptidase 30 (USP30), mRNA."
"Homo sapiens ubiquitin specific peptidase 33 (USP33), transcript variant 1, mRNA."
"Homo sapiens ubiquitin specific peptidase 35 (USP35), mRNA."
"Homo sapiens ubiquitin specific peptidase 36 (USP36), mRNA."
"Homo sapiens ubiquitin specific peptidase 37 (USP37), mRNA."
"Homo sapiens ubiquitin specific peptidase 38 (USP38), mRNA."
"Homo sapiens ubiquitin specific peptidase 39 (USP39), mRNA."
"Homo sapiens ubiquitin specific peptidase 4 (proto-oncogene) (USP4), transcript variant 1, mR
"PREDICTED: Homo sapiens ubiquitin specific peptidase 41 (USP41), mRNA."
"Homo sapiens ubiquitin specific peptidase 42 (USP42), mRNA."
"Homo sapiens ubiquitin specific peptidase 44 (USP44), transcript variant 2, mRNA."
"Homo sapiens ubiquitin specific peptidase 46 (USP46), mRNA."
"Homo sapiens ubiquitin specific peptidase 47 (USP47), mRNA."
"Homo sapiens ubiquitin specific peptidase 48 (USP48), transcript variant 2, mRNA."
"Homo sapiens ubiquitin specific peptidase 49 (USP49), mRNA."
"Homo sapiens ubiquitin specific peptidase 5 (isopeptidase T) (USP5), transcript variant 2, mRN
"Homo sapiens ubiquitin specific peptidase 53 (USP53), mRNA."
"Homo sapiens ubiquitin specific peptidase 7 (herpes virus-associated) (USP7), mRNA."
"Homo sapiens ubiquitin specific peptidase 8 (USP8), mRNA."
"Homo sapiens ubiquitin specific peptidase 9, X-linked (USP9X), transcript variant 4, mRNA."
"Homo sapiens ubiquitin specific peptidase like 1 (USPL1), mRNA."
"Homo sapiens uronyl-2-sulfotransferase (UST), mRNA."
"Homo sapiens UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast) (UTP11L), mRNA."
"Homo sapiens UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast) (UTP14A), mR
"Homo sapiens UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast) (UTP14C), mR
"Homo sapiens UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae) (UTP15),

"Homo sapiens UTP18, small subunit (SSU) processome component, homolog (yeast) (UTP18)
"Homo sapiens UTP20, small subunit (SSU) processome component, homolog (yeast) (UTP20)
"Homo sapiens UTP23, small subunit (SSU) processome component, homolog (yeast) (UTP23)
"Homo sapiens UTP6, small subunit (SSU) processome component, homolog (yeast) (UTP6), m
"Homo sapiens utrophin (UTRN), mRNA."
"Homo sapiens urotensin 2 (UTS2), transcript variant 2, mRNA."
"Homo sapiens urotensin 2 domain containing (UTS2D), mRNA."
"Homo sapiens ubiquitously transcribed tetratricopeptide repeat, X chromosome (UTX), mRNA."
"Homo sapiens ubiquitously transcribed tetratricopeptide repeat gene, Y-linked (UTY), transcript
"Homo sapiens UV radiation resistance associated gene (UVRAG), mRNA."
"Homo sapiens ubiquitously-expressed transcript (UXT), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens Vac14 homolog (S. cerevisiae) (VAC14), mRNA."
"Homo sapiens vesicle-associated membrane protein 1 (synaptobrevin 1) (VAMP1), transcript v
"Homo sapiens vesicle-associated membrane protein 2 (synaptobrevin 2) (VAMP2), mRNA."
"Homo sapiens vesicle-associated membrane protein 3 (cellubrevin) (VAMP3), mRNA."
"Homo sapiens vesicle-associated membrane protein 4 (VAMP4), mRNA."
"Homo sapiens vesicle-associated membrane protein 5 (myobrevin) (VAMP5), mRNA."
"Homo sapiens vesicle-associated membrane protein 7 (VAMP7), mRNA."
"Homo sapiens vesicle-associated membrane protein 8 (endobrevin) (VAMP8), mRNA."
"Homo sapiens vang-like 2 (van gogh, Drosophila) (VANGL2), mRNA."
"Homo sapiens VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (VA
"Homo sapiens valyl-tRNA synthetase (VARS), nuclear gene encoding mitochondrial protein, m
"Homo sapiens valyl-tRNA synthetase 2, mitochondrial (putative) (VARS2), nuclear gene encod
"Homo sapiens vasohibin 1 (VASH1), mRNA."
"Homo sapiens vasohibin 2 (VASH2), mRNA."
"Homo sapiens vasorin (VASN), mRNA."
"Homo sapiens vesicle amine transport protein 1 homolog (T. californica) (VAT1), mRNA."
"Homo sapiens vesicle amine transport protein 1 homolog (T. californica)-like (VAT1L), mRNA."
"Homo sapiens vav 1 guanine nucleotide exchange factor (VAV1), mRNA."
"Homo sapiens vav 2 guanine nucleotide exchange factor (VAV2), mRNA."
"Homo sapiens vav 3 guanine nucleotide exchange factor (VAV3), transcript variant 1, mRNA."
"Homo sapiens ventral anterior homeobox 2 (VAX2), mRNA."
"Homo sapiens von Hippel-Lindau binding protein 1 (VBP1), mRNA."
"Homo sapiens vascular cell adhesion molecule 1 (VCAM1), transcript variant 2, mRNA."
"Homo sapiens vinculin (VCL), transcript variant 2, mRNA."
"Homo sapiens valosin-containing protein (VCP), mRNA."
"Homo sapiens valosin containing protein (p97)/p47 complex interacting protein 1 (VCPIP1), mR
"Homo sapiens variably charged X-C (VCX-C), mRNA."
"Homo sapiens voltage-dependent anion channel 1 (VDAC1), mRNA."
"Homo sapiens voltage-dependent anion channel 3 (VDAC3), mRNA."
"Homo sapiens vitamin D (1,25- dihydroxyvitamin D3) receptor (VDR), transcript variant 2, mRN
"PREDICTED: Homo sapiens vascular endothelial growth factor B (VEGFB), mRNA."
"Homo sapiens vascular endothelial growth factor C (VEGFC), mRNA."
"Homo sapiens vascular endothelial zinc finger 1 (VEZF1), mRNA."

"Homo sapiens vezatin, adherens junctions transmembrane protein (VEZT), mRNA."
"Homo sapiens VGF nerve growth factor inducible (VGF), mRNA."
"Homo sapiens vestigial like 2 (Drosophila) (VGLL2), transcript variant 1, mRNA."
"Homo sapiens vestigial like 4 (Drosophila) (VGLL4), mRNA."
"Homo sapiens von Hippel-Lindau tumor suppressor (VHL), transcript variant 2, mRNA."
"Homo sapiens villin 2 (ezrin) (VIL2), mRNA."
"Homo sapiens villin-like (VILL), mRNA."
"Homo sapiens vimentin (VIM), mRNA."
"Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), mRNA."
"Homo sapiens vasoactive intestinal peptide receptor 2 (VIPR2), mRNA."
"Homo sapiens virus-induced signaling adapter (VISA), mRNA."
"Homo sapiens vitrin (VIT), mRNA."
"Homo sapiens vitamin K epoxide reductase complex, subunit 1 (VKORC1), transcript variant 1,
"Homo sapiens vitamin K epoxide reductase complex, subunit 1-like 1 (VKORC1L1), mRNA."
"Homo sapiens vimentin-type IF-associated coiled-coil protein (VMAC), mRNA."
"Homo sapiens vitelliform macular dystrophy 2-like 3 (VMD2L3), mRNA."
"Homo sapiens vitelline membrane outer layer 1 homolog (chicken) (VMO1), mRNA."
"Homo sapiens vomeronasal 1 receptor 2 (VN1R2), mRNA."
"Homo sapiens vomeronasal 1 receptor 5 (gene/pseudogene) (VN1R5), mRNA."
"Homo sapiens vanin 1 (VNN1), mRNA."
"Homo sapiens vanin 2 (VNN2), transcript variant 1, mRNA."
"Homo sapiens vanin 3 (VNN3), transcript variant 2, mRNA."
"Homo sapiens vesicular, overexpressed in cancer, prosurvival protein 1 (VOPP1), mRNA."
"Homo sapiens Vpr (HIV-1) binding protein (VPRBP), mRNA."
"Homo sapiens pre-B lymphocyte 1 (VPREB1), mRNA."
"Homo sapiens pre-B lymphocyte gene 3 (VPREB3), mRNA."
"Homo sapiens vacuolar protein sorting 11 homolog (S. cerevisiae) (VPS11), mRNA."
"Homo sapiens vacuolar protein sorting 13 homolog B (yeast) (VPS13B), transcript variant 1, mI
"Homo sapiens vacuolar protein sorting 16 homolog (S. cerevisiae) (VPS16), transcript variant 1
"Homo sapiens vacuolar protein sorting 18 homolog (S. cerevisiae) (VPS18), mRNA."
"Homo sapiens vacuolar protein sorting 24 homolog (S. cerevisiae) (VPS24), transcript variant 1
"Homo sapiens vacuolar protein sorting 25 homolog (S. cerevisiae) (VPS25), mRNA."
"Homo sapiens vacuolar protein sorting 26 (yeast) (VPS26), mRNA."
"Homo sapiens vacuolar protein sorting 26 homolog A (S. pombe) (VPS26A), transcript variant 2
"Homo sapiens vacuolar protein sorting 26 homolog B (S. pombe) (VPS26B), mRNA."
"Homo sapiens vacuolar protein sorting 28 homolog (S. cerevisiae) (VPS28), transcript variant 1
"Homo sapiens vacuolar protein sorting 29 homolog (S. cerevisiae) (VPS29), transcript variant 1
"Homo sapiens vacuolar protein sorting 33 homolog A (S. cerevisiae) (VPS33A), mRNA."
"Homo sapiens vacuolar protein sorting 33 homolog B (yeast) (VPS33B), mRNA."
"Homo sapiens vacuolar protein sorting 35 homolog (S. cerevisiae) (VPS35), mRNA."
"Homo sapiens vacuolar protein sorting 36 homolog (S. cerevisiae) (VPS36), mRNA."
"Homo sapiens vacuolar protein sorting 37 homolog A (S. cerevisiae) (VPS37A), mRNA."
"Homo sapiens vacuolar protein sorting 37 homolog B (S. cerevisiae) (VPS37B), mRNA."
"Homo sapiens vacuolar protein sorting 37 homolog C (S. cerevisiae) (VPS37C), mRNA."

"Homo sapiens vacuolar protein sorting 37 homolog D (S. cerevisiae) (VPS37D), mRNA."
"Homo sapiens vacuolar protein sorting 39 homolog (S. cerevisiae) (VPS39), mRNA."
"Homo sapiens vacuolar protein sorting 41 (yeast) (VPS41), transcript variant 1, mRNA."
"Homo sapiens vacuolar protein sorting 45 homolog (S. cerevisiae) (VPS45), mRNA."
"Homo sapiens vacuolar protein sorting 4 homolog A (S. cerevisiae) (VPS4A), mRNA."
"Homo sapiens vacuolar protein sorting 4 homolog B (S. cerevisiae) (VPS4B), mRNA."
"Homo sapiens vacuolar protein sorting 52 homolog (S. cerevisiae) (VPS52), mRNA."
"Homo sapiens vacuolar protein sorting 53 homolog (S. cerevisiae) (VPS53), mRNA."
"Homo sapiens vacuolar protein sorting 54 homolog (S. cerevisiae) (VPS54), transcript variant 1
"Homo sapiens vacuolar protein sorting 72 homolog (S. cerevisiae) (VPS72), mRNA."
"Homo sapiens vacuolar protein sorting 8 homolog (S. cerevisiae) (VPS8), transcript variant 2, m
"Homo sapiens vaccinia related kinase 1 (VRK1), mRNA."
"Homo sapiens vaccinia related kinase 2 (VRK2), mRNA."
"Homo sapiens vaccinia related kinase 3 (VRK3), transcript variant 2, mRNA."
"Homo sapiens V-set and immunoglobulin domain containing 4 (VSIG4), transcript variant 1, mF
"PREDICTED: Homo sapiens V-set and immunoglobulin domain containing 6 (VSIG6), mRNA."
"Homo sapiens Vps20-associated 1 homolog (S. cerevisiae) (VTA1), mRNA."
"Homo sapiens vesicle transport through interaction with t-SNAREs homolog 1B (yeast) (VTI1B)
"Homo sapiens vault RNA 1-1 (VTRNA1-1), non-coding RNA."
"Homo sapiens von Willebrand factor A domain containing 1 (VWA1), transcript variant 1, mRNA
"Homo sapiens von Willebrand factor A domain containing 5A (VWA5A), transcript variant 1, mF
"Homo sapiens von Willebrand factor A domain containing 5B1 (VWA5B1), mRNA."
"Homo sapiens von Willebrand factor C domain containing 2 (VWC2), mRNA."
"Homo sapiens von Willebrand factor C and EGF domains (VWCE), mRNA."
"Homo sapiens WW domain containing adaptor with coiled-coil (WAC), transcript variant 3, mRN
"Homo sapiens tryptophanyl-tRNA synthetase (WARS), transcript variant 2, mRNA."
"Homo sapiens tryptophanyl tRNA synthetase 2, mitochondrial (WARS2), nuclear gene encodin
"Homo sapiens Wiskott-Aldrich syndrome (eczema-thrombocytopenia) (WAS), mRNA."
"Homo sapiens WAS protein family, member 1 (WASF1), transcript variant 4, mRNA."
"Homo sapiens WAS protein family, member 2 (WASF2), mRNA."
"Homo sapiens WAS protein family, member 3 (WASF3), mRNA."
"Homo sapiens WAS protein family homolog 2 pseudogene (WASH2P), non-coding RNA."
"Homo sapiens Wiskott-Aldrich syndrome protein interacting protein (WASPIP), mRNA."
"Homo sapiens WW domain binding protein 1 (WBP1), mRNA."
"Homo sapiens WW domain binding protein 11 (WBP11), mRNA."
"Homo sapiens WW domain binding protein 11 pseudogene 1 (WBP11P1), non-coding RNA."
"Homo sapiens WW domain binding protein 2 (WBP2), mRNA."
"Homo sapiens WW domain binding protein 4 (formin binding protein 21) (WBP4), mRNA."
"Homo sapiens WW domain binding protein 5 (WBP5), transcript variant 4, mRNA."
"Homo sapiens Williams-Beuren syndrome chromosome region 16 (WBSCR16), mRNA."
"PREDICTED: Homo sapiens Williams Beuren syndrome chromosome region 19, transcript vari
"Homo sapiens Williams Beuren syndrome chromosome region 22 (WBSCR22), mRNA."
"Homo sapiens Williams Beuren syndrome chromosome region 27 (WBSCR27), mRNA."
"Homo sapiens WD repeat and FYVE domain containing 1 (WDFY1), mRNA."

"Homo sapiens WD repeat and FYVE domain containing 2 (WDFY2), mRNA."
"Homo sapiens WDFY family member 4 (WDFY4), mRNA."
"Homo sapiens WD repeat and HMG-box DNA binding protein 1 (WDHD1), transcript variant 2,
"Homo sapiens WD repeat domain 1 (WDR1), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 12 (WDR12), mRNA."
"Homo sapiens WD repeat domain 13 (WDR13), mRNA."
"Homo sapiens WD repeat domain 17 (WDR17), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 18 (WDR18), mRNA."
"Homo sapiens WD repeat domain 19 (WDR19), mRNA."
"Homo sapiens WD repeat domain 20 (WDR20), transcript variant 2, mRNA."
"Homo sapiens WD repeat domain 21A (WDR21A), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 23 (WDR23), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 24 (WDR24), mRNA."
"Homo sapiens WD repeat domain 25 (WDR25), mRNA."
"Homo sapiens WD repeat domain 26 (WDR26), mRNA."
"Homo sapiens WD repeat domain 27 (WDR27), mRNA."
"Homo sapiens WD repeat domain 3 (WDR3), mRNA."
"Homo sapiens WD repeat domain 31 (WDR31), transcript variant 3, mRNA."
"Homo sapiens WD repeat domain 33 (WDR33), transcript variant 3, mRNA."
"Homo sapiens WD repeat domain 34 (WDR34), mRNA."
"Homo sapiens WD repeat domain 35 (WDR35), transcript variant 2, mRNA."
"Homo sapiens WD repeat domain 36 (WDR36), mRNA."
"Homo sapiens WD repeat domain 37 (WDR37), mRNA."
"Homo sapiens WD repeat domain 4 (WDR4), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 40A (WDR40A), mRNA."
"Homo sapiens WD repeat domain 41 (WDR41), mRNA."
"Homo sapiens WD repeat domain 42A (WDR42A), mRNA."
"PREDICTED: Homo sapiens WD repeat domain 43, transcript variant 8 (WDR43), mRNA."
"Homo sapiens WD repeat domain 44 (WDR44), mRNA."
"Homo sapiens WD repeat domain 45 (WDR45), transcript variant 1, mRNA."
"Homo sapiens WDR45-like (WDR45L), mRNA."
"Homo sapiens WD repeat domain 46 (WDR46), mRNA."
"Homo sapiens WD repeat domain 47 (WDR47), mRNA."
"Homo sapiens WD repeat domain 48 (WDR48), mRNA."
"Homo sapiens WD repeat domain 49 (WDR49), mRNA."
"Homo sapiens WD repeat domain 5 (WDR5), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 51A (WDR51A), mRNA."
"Homo sapiens WD repeat domain 51B (WDR51B), mRNA."
"Homo sapiens WD repeat domain 53 (WDR53), mRNA."
"Homo sapiens WD repeat domain 54 (WDR54), mRNA."
"Homo sapiens WD repeat domain 55 (WDR55), mRNA."
"Homo sapiens WD repeat domain 57 (U5 snRNP specific) (WDR57), mRNA."
"Homo sapiens WD repeat domain 59 (WDR59), mRNA."
"Homo sapiens WD repeat domain 5B (WDR5B), mRNA."

"Homo sapiens WD repeat domain 6 (WDR6), mRNA."
"Homo sapiens WD repeat domain 60 (WDR60), mRNA."
"Homo sapiens WD repeat domain 61 (WDR61), mRNA."
"Homo sapiens WD repeat domain 62 (WDR62), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 63 (WDR63), mRNA."
"Homo sapiens WD repeat domain 66 (WDR66), mRNA."
"Homo sapiens WD repeat domain 67 (WDR67), mRNA."
"Homo sapiens WD repeat domain 68 (WDR68), transcript variant 2, mRNA."
"Homo sapiens WD repeat domain 7 (WDR7), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 70 (WDR70), mRNA."
"Homo sapiens WD repeat domain 73 (WDR73), mRNA."
"PREDICTED: Homo sapiens WD repeat domain 74 (WDR74), mRNA."
"Homo sapiens WD repeat domain 75 (WDR75), mRNA."
"Homo sapiens WD repeat domain 76 (WDR76), mRNA."
"Homo sapiens WD repeat domain 77 (WDR77), mRNA."
"Homo sapiens WD repeat domain 78 (WDR78), transcript variant 2, mRNA."
"Homo sapiens WD repeat domain 79 (WDR79), mRNA."
"Homo sapiens WD repeat domain 8 (WDR8), mRNA."
"Homo sapiens WD repeat domain 81 (WDR81), mRNA."
"Homo sapiens WD repeat domain 82 (WDR82), mRNA."
"Homo sapiens WD repeat domain 85 (WDR85), mRNA."
"Homo sapiens WD repeat domain 88 (WDR88), mRNA."
"Homo sapiens WD repeat domain 89 (WDR89), transcript variant 1, mRNA."
"Homo sapiens WD repeat domain 90 (WDR90), mRNA."
"Homo sapiens WD repeat domain 91 (WDR91), mRNA."
"Homo sapiens WD repeat domain 92 (WDR92), mRNA."
"Homo sapiens WD repeats and SOF1 domain containing (WDSOF1), mRNA."
"Homo sapiens WD repeat, sterile alpha motif and U-box domain containing 1 (WDSUB1), mRN
"Homo sapiens WD and tetratricopeptide repeats 1 (WDTC1), mRNA."
"Homo sapiens WDYHV motif containing 1 (WDYHV1), mRNA."
"Homo sapiens WEE1 homolog (S. pombe) (WEE1), mRNA."
"Homo sapiens WAP four-disulfide core domain 11 (WFDC11), mRNA."
"Homo sapiens WAP four-disulfide core domain 13 (WFDC13), mRNA."
"Homo sapiens WAP four-disulfide core domain 3 (WFDC3), mRNA."
"Homo sapiens WAP four-disulfide core domain 6 (WFDC6), mRNA."
"Homo sapiens WAP four-disulfide core domain 8 (WFDC8), transcript variant a, mRNA."
"Homo sapiens Wolfram syndrome 1 (wolframin) (WFS1), mRNA."
"Homo sapiens WAS protein homolog associated with actin, golgi membranes and microtubules
"PREDICTED: Homo sapiens WAS protein homology region 2 domain containing 1-like 1, trans
"PREDICTED: Homo sapiens WAS protein homology region 2 domain containing 1-like 2, trans
"Homo sapiens Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcript variant 8, mRNA."
"Homo sapiens Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1), transcript variant sh
"Homo sapiens Wolf-Hirschhorn syndrome candidate 2 (WHSC2), mRNA."
"Homo sapiens within bgcn homolog (Drosophila) (WIBG), mRNA."

"Homo sapiens WNT inhibitory factor 1 (WIF1), mRNA."
"Homo sapiens WD repeat domain, phosphoinositide interacting 1 (WIPI1), mRNA."
"Homo sapiens WD repeat domain, phosphoinositide interacting 2 (WIPI2), transcript variant 2,
"Homo sapiens WNT1 inducible signaling pathway protein 2 (WISP2), mRNA."
"Homo sapiens WNK lysine deficient protein kinase 1 (WNK1), mRNA."
"Homo sapiens WNK lysine deficient protein kinase 2 (WNK2), mRNA."
"Homo sapiens WNK lysine deficient protein kinase 4 (WNK4), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 1 (WNT1), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 10A (WNT10A), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 10B (WNT10B), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 3 (WNT3), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 5A (WNT5A), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 7B (WNT7B), mRNA."
"Homo sapiens wingless-type MMTV integration site family, member 8A (WNT8A), mRNA."
"Homo sapiens tryptophan rich basic protein (WRB), mRNA."
"Homo sapiens Werner syndrome, RecQ helicase-like (WRN), mRNA."
"Homo sapiens Werner helicase interacting protein 1 (WRNIP1), transcript variant 1, mRNA."
"Homo sapiens WD repeat and SOCS box-containing 1 (WSB1), transcript variant 2, mRNA."
"Homo sapiens WD repeat and SOCS box-containing 2 (WSB2), mRNA."
"Homo sapiens WSC domain containing 1 (WSCD1), mRNA."
"Homo sapiens Wilms tumor 1 associated protein (WTAP), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens Wilms tumor 1 interacting protein (WTIP), mRNA."
"Homo sapiens WW and C2 domain containing 1 (WWC1), mRNA."
"Homo sapiens WWC family member 3 (WWC3), mRNA."
"Homo sapiens WW domain containing oxidoreductase (WWOX), transcript variant 3, mRNA."
"Homo sapiens WW domain containing E3 ubiquitin protein ligase 1 (WWP1), mRNA."
"Homo sapiens WW domain containing E3 ubiquitin protein ligase 2 (WWP2), transcript variant
"Homo sapiens XPA binding protein 2 (XAB2), mRNA."
"Homo sapiens XIAP associated factor 1 (XAF1), transcript variant 2, mRNA."
"Homo sapiens X antigen family, member 1B (XAGE1B), transcript variant 1, mRNA."
"Homo sapiens X antigen family, member 1C (XAGE1C), transcript variant 2, mRNA."
"Homo sapiens X antigen family, member 1D (XAGE1D), transcript variant 1, mRNA."
"Homo sapiens X antigen family, member 1E (XAGE1E), transcript variant 2, mRNA."
"PREDICTED: Homo sapiens XAGE-4 protein (XAGE-4), mRNA."
"Homo sapiens X-box binding protein 1 (XBP1), transcript variant 1, mRNA."
"Homo sapiens xanthine dehydrogenase (XDH), mRNA."
"Homo sapiens X-linked inhibitor of apoptosis (XIAP), mRNA."
"Homo sapiens xin actin-binding repeat containing 1 (XIRP1), mRNA."
"Homo sapiens X (inactive)-specific transcript (non-protein coding) (XIST), non-coding RNA."
"Homo sapiens X-linked Kx blood group (McLeod syndrome) (XK), mRNA."
"Homo sapiens XK, Kell blood group complex subunit-related family, member 3 (XKR3), mRNA.
"Homo sapiens XK, Kell blood group complex subunit-related family, member 6 (XKR6), transcri
"Homo sapiens XK, Kell blood group complex subunit-related, X-linked (XKRX), mRNA."
"Homo sapiens xeroderma pigmentosum, complementation group A (XPA), mRNA."

"Homo sapiens xeroderma pigmentosum, complementation group C (XPC), mRNA."
"Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (XPNPEP1), mRNA."
"Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 3, putative (XPNPEP3), mRNA."
"Homo sapiens exportin 1 (CRM1 homolog, yeast) (XPO1), mRNA."
"Homo sapiens exportin 4 (XPO4), mRNA."
"Homo sapiens exportin 5 (XPO5), mRNA."
"Homo sapiens exportin 6 (XPO6), mRNA."
"Homo sapiens exportin 7 (XPO7), mRNA."
"Homo sapiens exportin, tRNA (nuclear export receptor for tRNAs) (XPOT), mRNA."
"Homo sapiens xenotropic and polytropic retrovirus receptor (XPR1), transcript variant 1, mRNA
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 1 (XRCC1
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 2 (XRCC2
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 3 (XRCC3
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 4 (XRCC4
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 5 (double-
"Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 6 (XRCC6
"Homo sapiens XRCC6 binding protein 1 (XRCC6BP1), mRNA."
"Homo sapiens 5'-3' exoribonuclease 1 (XRN1), mRNA."
"Homo sapiens xylulokinase homolog (H. influenzae) (XYLB), mRNA."
"Homo sapiens xylosyltransferase I (XYLT1), mRNA."
"Homo sapiens xylosyltransferase II (XYLT2), mRNA."
"Homo sapiens YY1 associated factor 2 (YAF2), mRNA."
"Homo sapiens Yes-associated protein 1, 65kDa (YAP1), mRNA."
"Homo sapiens tyrosyl-tRNA synthetase (YARS), mRNA."
"Homo sapiens tyrosyl-tRNA synthetase 2, mitochondrial (YARS2), nuclear gene encoding mito
"Homo sapiens Y box binding protein 1 (YBX1), mRNA."
"Homo sapiens Y box binding protein 2 (YBX2), mRNA."
"Homo sapiens YdjC homolog (bacterial) (YDJC), mRNA."
"Homo sapiens YEATS domain containing 2 (YEATS2), mRNA."
"Homo sapiens YEATS domain containing 4 (YEATS4), mRNA."
"Homo sapiens v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1 (YES1), mRNA."
"Homo sapiens Yip1 interacting factor homolog A (S. cerevisiae) (YIF1A), mRNA."
"Homo sapiens Yip1 interacting factor homolog B (S. cerevisiae) (YIF1B), transcript variant 1, m
"Homo sapiens Yip1 domain family, member 1 (YIPF1), mRNA."
"Homo sapiens Yip1 domain family, member 3 (YIPF3), mRNA."
"Homo sapiens Yip1 domain family, member 4 (YIPF4), mRNA."
"Homo sapiens Yip1 domain family, member 5 (YIPF5), transcript variant 2, mRNA."
"Homo sapiens Yip1 domain family, member 6 (YIPF6), mRNA."
"Homo sapiens Yip1 domain family, member 7 (YIPF7), mRNA."
"Homo sapiens YjeF N-terminal domain containing 3 (YJEFN3), nuclear gene encoding mitocho
"Homo sapiens YKT6 v-SNARE homolog (S. cerevisiae) (YKT6), mRNA."
"Homo sapiens YLP motif containing 1 (YLPM1), mRNA."
"Homo sapiens YME1-like 1 (S. cerevisiae) (YME1L1), nuclear gene encoding mitochondrial pro
"Homo sapiens YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae) (YOD1), mRNA."

"Homo sapiens yippee-like 1 (Drosophila) (YPEL1), mRNA."
"Homo sapiens yippee-like 2 (Drosophila) (YPEL2), mRNA."
"Homo sapiens yippee-like 3 (Drosophila) (YPEL3), transcript variant 1, mRNA."
"Homo sapiens yippee-like 4 (Drosophila) (YPEL4), mRNA."
"Homo sapiens yippee-like 5 (Drosophila) (YPEL5), mRNA."
"Homo sapiens yrdC domain containing (E. coli) (YRDC), nuclear gene encoding mitochondrial p
"Homo sapiens YSK4 Sps1/Ste20-related kinase homolog (S. cerevisiae) (YSK4), transcript vari
"Homo sapiens YTH domain containing 1 (YTHDC1), transcript variant 1, mRNA."
"Homo sapiens YTH domain containing 2 (YTHDC2), mRNA."
"Homo sapiens YTH domain family, member 1 (YTHDF1), mRNA."
"Homo sapiens YTH domain family, member 2 (YTHDF2), mRNA."
"Homo sapiens YTH domain family, member 3 (YTHDF3), mRNA."
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, bet
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eps
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gar
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, the
"Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zet
"Homo sapiens YY1 transcription factor (YY1), mRNA."
"Homo sapiens zinc binding alcohol dehydrogenase domain containing 2 (ZADH2), mRNA."
"Homo sapiens sterile alpha motif and leucine zipper containing kinase AZK (ZAK), transcript va
"Homo sapiens zinc finger, BED-type containing 1 (ZBED1), mRNA."
"Homo sapiens zinc finger, BED-type containing 2 (ZBED2), mRNA."
"Homo sapiens zinc finger, BED-type containing 3 (ZBED3), mRNA."
"Homo sapiens zinc finger, BED-type containing 4 (ZBED4), mRNA."
"Homo sapiens zinc finger, BED-type containing 5 (ZBED5), mRNA."
"Homo sapiens Z-DNA binding protein 1 (ZBP1), mRNA."
"Homo sapiens zinc finger and BTB domain containing 10 (ZBTB10), mRNA."
"Homo sapiens zinc finger and BTB domain containing 11 (ZBTB11), mRNA."
"Homo sapiens zinc finger and BTB domain containing 17 (ZBTB17), mRNA."
"Homo sapiens zinc finger and BTB domain containing 2 (ZBTB2), mRNA."
"Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), mRNA."
"Homo sapiens zinc finger and BTB domain containing 22 (ZBTB22), mRNA."
"Homo sapiens zinc finger and BTB domain containing 24 (ZBTB24), mRNA."
"Homo sapiens zinc finger and BTB domain containing 25 (ZBTB25), mRNA."
"Homo sapiens zinc finger and BTB domain containing 26 (ZBTB26), mRNA."
"Homo sapiens zinc finger and BTB domain containing 3 (ZBTB3), mRNA."
"Homo sapiens zinc finger and BTB domain containing 32 (ZBTB32), mRNA."
"Homo sapiens zinc finger and BTB domain containing 33 (ZBTB33), mRNA."
"Homo sapiens zinc finger and BTB domain containing 34 (ZBTB34), mRNA."
"Homo sapiens zinc finger and BTB domain containing 38 (ZBTB38), mRNA."
"Homo sapiens zinc finger and BTB domain containing 39 (ZBTB39), mRNA."
"Homo sapiens zinc finger and BTB domain containing 4 (ZBTB4), mRNA."
"Homo sapiens zinc finger and BTB domain containing 41 (ZBTB41), mRNA."

"Homo sapiens zinc finger and BTB domain containing 42 (ZBTB42), mRNA."
"Homo sapiens zinc finger and BTB domain containing 43 (ZBTB43), mRNA."
"Homo sapiens zinc finger and BTB domain containing 44 (ZBTB44), mRNA."
"Homo sapiens zinc finger and BTB domain containing 45 (ZBTB45), mRNA."
"Homo sapiens zinc finger and BTB domain containing 46 (ZBTB46), mRNA."
"Homo sapiens zinc finger and BTB domain containing 47 (ZBTB47), mRNA."
"Homo sapiens zinc finger and BTB domain containing 48 (ZBTB48), mRNA."
"Homo sapiens zinc finger and BTB domain containing 5 (ZBTB5), mRNA."
"Homo sapiens zinc finger and BTB domain containing 7C (ZBTB7C), mRNA."
"Homo sapiens zinc finger and BTB domain containing 8A (ZBTB8A), mRNA. XM_945039"
"Homo sapiens zinc finger and BTB domain containing 8 opposite strand (ZBTB8OS), mRNA."
"Homo sapiens zinc finger and BTB domain containing 9 (ZBTB9), mRNA."
"Homo sapiens zinc finger CCCH-type containing 10 (ZC3H10), mRNA."
"PREDICTED: Homo sapiens misc_RNA (ZC3H11B), miscRNA."
"Homo sapiens zinc finger CCCH-type containing 12A (ZC3H12A), mRNA."
"Homo sapiens zinc finger CCCH-type containing 12B (ZC3H12B), mRNA."
"Homo sapiens zinc finger CCCH-type containing 12C (ZC3H12C), mRNA."
"Homo sapiens zinc finger CCCH-type containing 12D (ZC3H12D), mRNA."
"Homo sapiens zinc finger CCCH-type containing 13 (ZC3H13), mRNA."
"Homo sapiens zinc finger CCCH-type containing 14 (ZC3H14), transcript variant 1, mRNA."
"Homo sapiens zinc finger CCCH-type containing 15 (ZC3H15), mRNA."
"Homo sapiens zinc finger CCCH-type containing 18 (ZC3H18), mRNA."
"Homo sapiens zinc finger CCCH-type containing 3 (ZC3H3), mRNA."
"Homo sapiens zinc finger CCCH-type containing 4 (ZC3H4), mRNA."
"PREDICTED: Homo sapiens zinc finger CCCH-type containing 5 (ZC3H5), mRNA."
"Homo sapiens zinc finger CCCH-type containing 7A (ZC3H7A), mRNA."
"Homo sapiens zinc finger CCCH-type containing 8 (ZC3H8), mRNA."
"Homo sapiens zinc finger CCCH-type, antiviral 1 (ZC3HAV1), transcript variant 2, mRNA."
"Homo sapiens zinc finger CCCH-type, antiviral 1-like (ZC3HAV1L), mRNA."
"Homo sapiens zinc finger, C3HC-type containing 1 (ZC3HC1), mRNA."
"Homo sapiens zinc finger, C4H2 domain containing (ZC4H2), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 10 (ZCCHC10), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 11 (ZCCHC11), transcript variant 3, mRNA
"Homo sapiens zinc finger, CCHC domain containing 12 (ZCCHC12), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 14 (ZCCHC14), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 17 (ZCCHC17), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 2 (ZCCHC2), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 24 (ZCCHC24), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 3 (ZCCHC3), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 4 (ZCCHC4), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 6 (ZCCHC6), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 7 (ZCCHC7), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 8 (ZCCHC8), mRNA."
"Homo sapiens zinc finger, CCHC domain containing 9 (ZCCHC9), mRNA."

"Homo sapiens zinc finger CCHC-type and RNA binding motif 1 (ZCRB1), mRNA."
"Homo sapiens zinc finger, CW type with PWWP domain 1 (ZCWPW1), mRNA."
"Homo sapiens zinc finger, CW type with PWWP domain 2 (ZCWPW2), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 11 (ZDHHC11), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 12 (ZDHHC12), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 13 (ZDHHC13), transcript variant 2, mRNA."
"Homo sapiens zinc finger, DHHC-type containing 14 (ZDHHC14), transcript variant 1, mRNA."
"Homo sapiens zinc finger, DHHC-type containing 16 (ZDHHC16), transcript variant 5, mRNA."
"Homo sapiens zinc finger, DHHC-type containing 17 (ZDHHC17), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 2 (ZDHHC2), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 23 (ZDHHC23), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 24 (ZDHHC24), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 3 (ZDHHC3), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 4 (ZDHHC4), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 5 (ZDHHC5), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 6 (ZDHHC6), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 7 (ZDHHC7), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 8 (ZDHHC8), mRNA."
"Homo sapiens zinc finger, DHHC-type containing 8 pseudogene (ZDHHC8P), non-coding RNA.
"Homo sapiens zinc finger, DHHC-type containing 9 (ZDHHC9), transcript variant 2, mRNA."
"Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1), mRNA."
"Homo sapiens zinc finger E-box binding homeobox 2 (ZEB2), mRNA."
"Homo sapiens zer-1 homolog (C. elegans) (ZER1), mRNA."
"Homo sapiens zinc finger, AN1-type domain 1 (ZFAND1), mRNA."
"Homo sapiens zinc finger, AN1-type domain 2A (ZFAND2A), mRNA."
"Homo sapiens zinc finger, AN1-type domain 2B (ZFAND2B), mRNA."
"Homo sapiens zinc finger, AN1-type domain 3 (ZFAND3), mRNA."
"Homo sapiens zinc finger, AN1-type domain 5 (ZFAND5), mRNA."
"Homo sapiens zinc finger, AN1-type domain 6 (ZFAND6), mRNA."
"Homo sapiens zinc finger, C3H1-type containing (ZFC3H1), mRNA."
"Homo sapiens zinc finger homeobox 2 (ZFHX2), mRNA."
"Homo sapiens zinc finger homeobox 3 (ZFHX3), transcript variant A, mRNA."
"Homo sapiens zinc finger protein 1 homolog (mouse) (ZFP1), mRNA."
"Homo sapiens zinc finger protein 106 homolog (mouse) (ZFP106), mRNA."
"Homo sapiens zinc finger protein 14 homolog (mouse) (ZFP14), mRNA."
"Homo sapiens zinc finger protein 161 homolog (mouse) (ZFP161), mRNA."
"Homo sapiens zinc finger protein 3 homolog (mouse) (ZFP3), mRNA."
"Homo sapiens zinc finger protein 30 homolog (mouse) (ZFP30), mRNA."
"Homo sapiens zinc finger protein 36, C3H type, homolog (mouse) (ZFP36), mRNA."
"Homo sapiens zinc finger protein 36, C3H type-like 1 (ZFP36L1), mRNA."
"Homo sapiens zinc finger protein 36, C3H type-like 2 (ZFP36L2), mRNA."
"Homo sapiens zinc finger protein 37 homolog (mouse) (ZFP37), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 57 homolog (mouse) (ZFP57), mRNA."
"Homo sapiens zinc finger protein 62 homolog (mouse) (ZFP62), mRNA."

"Homo sapiens zinc finger protein 64 homolog (mouse) (ZFP64), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 82 homolog (mouse) (ZFP82), mRNA."
"Homo sapiens zinc finger protein 90 homolog (mouse) (ZFP90), mRNA."
"Homo sapiens zinc finger protein 91 homolog (mouse) (ZFP91), mRNA."
"Homo sapiens zinc finger protein 92 homolog (mouse) (ZFP92), mRNA."
"Homo sapiens zinc finger protein-like 1 (ZFPL1), mRNA."
"Homo sapiens zinc finger protein, multitype 1 (ZFPM1), mRNA."
"Homo sapiens zinc finger RNA binding protein (ZFR), mRNA."
"Homo sapiens zinc finger protein, X-linked (ZFX), mRNA."
"Homo sapiens zinc finger protein, Y-linked (ZFY), mRNA."
"Homo sapiens zinc finger, FYVE domain containing 1 (ZFYVE1), transcript variant 1, mRNA."
"Homo sapiens zinc finger, FYVE domain containing 16 (ZFYVE16), mRNA."
"Homo sapiens zinc finger, FYVE domain containing 19 (ZFYVE19), mRNA."
"Homo sapiens zinc finger, FYVE domain containing 20 (ZFYVE20), mRNA."
"Homo sapiens zinc finger, FYVE domain containing 21 (ZFYVE21), mRNA."
"Homo sapiens zinc finger, FYVE domain containing 26 (ZFYVE26), mRNA."
"Homo sapiens zinc fingers and homeoboxes 1 (ZHX1), transcript variant 2, mRNA."
"Homo sapiens zinc fingers and homeoboxes 2 (ZHX2), mRNA."
"Homo sapiens zinc fingers and homeoboxes 3 (ZHX3), mRNA."
"Homo sapiens Zic family member 1 (odd-paired homolog, Drosophila) (ZIC1), mRNA."
"Homo sapiens Zic family member 2 (odd-paired homolog, Drosophila) (ZIC2), mRNA."
"Homo sapiens Zic family member 5 (odd-paired homolog, Drosophila) (ZIC5), mRNA."
"Homo sapiens zinc finger protein interacting with K protein 1 homolog (mouse) (ZIK1), mRNA."
"Homo sapiens zinc finger, imprinted 2 (ZIM2), mRNA."
"Homo sapiens zinc finger, imprinted 3 (ZIM3), mRNA."
"Homo sapiens zinc finger with KRAB and SCAN domains 1 (ZKSCAN1), mRNA."
"Homo sapiens zinc finger with KRAB and SCAN domains 2 (ZKSCAN2), mRNA."
"Homo sapiens zinc finger with KRAB and SCAN domains 3 (ZKSCAN3), mRNA."
"Homo sapiens zinc finger with KRAB and SCAN domains 4 (ZKSCAN4), mRNA."
"Homo sapiens zinc finger with KRAB and SCAN domains 5 (ZKSCAN5), transcript variant 2, m
"Homo sapiens zinc finger, matrin type 2 (ZMAT2), mRNA."
"Homo sapiens zinc finger, matrin type 3 (ZMAT3), transcript variant 2, mRNA."
"Homo sapiens zinc finger, matrin type 5 (ZMAT5), transcript variant 1, mRNA."
"Homo sapiens zinc finger, MIZ-type containing 1 (ZMIZ1), mRNA."
"Homo sapiens zinc finger, MIZ-type containing 2 (ZMIZ2), transcript variant 1, mRNA."
"Homo sapiens zinc metallopeptidase (STE24 homolog, S. cerevisiae) (ZMPSTE24), mRNA."
"Homo sapiens zinc finger, MYM-type 1 (ZMYM1), mRNA."
"Homo sapiens zinc finger, MYM-type 3 (ZMYM3), transcript variant 2, mRNA."
"Homo sapiens zinc finger, MYM-type 4 (ZMYM4), mRNA."
"Homo sapiens zinc finger, MYM-type 5 (ZMYM5), transcript variant 1, mRNA."
"Homo sapiens zinc finger, MYM-type 6 (ZMYM6), mRNA."
"Homo sapiens zinc finger, MYND domain containing 11 (ZMYND11), transcript variant 2, mRN
"Homo sapiens zinc finger, MYND-type containing 12 (ZMYND12), mRNA."
"Homo sapiens zinc finger, MYND-type containing 19 (ZMYND19), mRNA."

"Homo sapiens zinc finger, MYND-type containing 8 (ZMYND8), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 10 (ZNF10), mRNA."
"Homo sapiens zinc finger protein 101 (ZNF101), mRNA."
"Homo sapiens zinc finger protein 107 (ZNF107), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 114 (ZNF114), mRNA."
"Homo sapiens zinc finger protein 121 (ZNF121), mRNA."
"Homo sapiens zinc finger protein 124 (ZNF124), mRNA."
"Homo sapiens zinc finger protein 131 (ZNF131), mRNA."
"Homo sapiens zinc finger protein 133 (ZNF133), mRNA."
"Homo sapiens zinc finger protein 134 (ZNF134), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 136 (clone pHZ-20) (ZNF136), mRNA."
"Homo sapiens zinc finger protein 137 (ZNF137), mRNA."
"Homo sapiens zinc finger protein 138 (ZNF138), mRNA."
"Homo sapiens zinc finger protein 14 (ZNF14), mRNA."
"Homo sapiens zinc finger protein 140 (ZNF140), mRNA."
"Homo sapiens zinc finger protein 142 (ZNF142), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 143 (ZNF143), mRNA."
"Homo sapiens zinc finger protein 146 (ZNF146), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 148 (ZNF148), mRNA."
"Homo sapiens zinc finger protein 154 (pHZ-92) (ZNF154), mRNA."
"Homo sapiens zinc finger protein 16 (ZNF16), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 160 (ZNF160), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 165 (ZNF165), mRNA."
"Homo sapiens zinc finger protein 17 (ZNF17), mRNA."
"Homo sapiens zinc finger protein 174 (ZNF174), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 175 (ZNF175), mRNA."
"Homo sapiens zinc finger protein 177 (ZNF177), mRNA."
"Homo sapiens zinc finger protein 18 (ZNF18), mRNA."
"Homo sapiens zinc finger protein 181 (ZNF181), mRNA."
"Homo sapiens zinc finger protein 184 (ZNF184), mRNA."
"Homo sapiens zinc finger protein 185 (LIM domain) (ZNF185), mRNA."
"Homo sapiens zinc finger protein 187 (ZNF187), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 193 (ZNF193), mRNA."
"Homo sapiens zinc finger protein 195 (ZNF195), mRNA."
"Homo sapiens zinc finger protein 197 (ZNF197), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 20 (ZNF20), mRNA."
"Homo sapiens zinc finger protein 200 (ZNF200), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 202 (ZNF202), mRNA."
"Homo sapiens zinc finger protein 205 (ZNF205), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 207 (ZNF207), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 211 (ZNF211), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 212 (ZNF212), mRNA."
"Homo sapiens zinc finger protein 213 (ZNF213), mRNA."
"Homo sapiens zinc finger protein 214 (ZNF214), mRNA."

"Homo sapiens zinc finger protein 215 (ZNF215), mRNA."
"Homo sapiens zinc finger protein 217 (ZNF217), mRNA."
"Homo sapiens zinc finger protein 219 (ZNF219), mRNA."
"Homo sapiens zinc finger protein 22 (KOX 15) (ZNF22), mRNA."
"Homo sapiens zinc finger protein 223 (ZNF223), mRNA."
"Homo sapiens zinc finger protein 226 (ZNF226), transcript variant 4, mRNA."
"Homo sapiens zinc finger protein 227 (ZNF227), mRNA."
"Homo sapiens zinc finger protein 23 (KOX 16) (ZNF23), mRNA."
"Homo sapiens zinc finger protein 232 (ZNF232), mRNA."
"Homo sapiens zinc finger protein 234 (ZNF234), mRNA."
"Homo sapiens zinc finger protein 235 (ZNF235), mRNA."
"Homo sapiens zinc finger protein 236 (ZNF236), mRNA."
"Homo sapiens zinc finger protein 238 (ZNF238), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 239 (ZNF239), transcript variant 4, mRNA."
"Homo sapiens zinc finger protein 24 (ZNF24), mRNA."
"Homo sapiens zinc finger protein 248 (ZNF248), mRNA."
"Homo sapiens zinc finger protein 25 (ZNF25), mRNA."
"Homo sapiens zinc finger protein 250 (ZNF250), mRNA."
"Homo sapiens zinc finger protein 252 (ZNF252), non-coding RNA."
"Homo sapiens zinc finger protein 253 (ZNF253), mRNA."
"Homo sapiens zinc finger protein 254 (ZNF254), mRNA."
"Homo sapiens zinc finger protein 256 (ZNF256), mRNA."
"Homo sapiens zinc finger protein 259 (ZNF259), mRNA."
"Homo sapiens zinc finger protein 26 (ZNF26), mRNA."
"Homo sapiens zinc finger protein 260 (ZNF260), mRNA."
"Homo sapiens zinc finger protein 266 (ZNF266), mRNA."
"Homo sapiens zinc finger protein 271 (ZNF271), mRNA."
"Homo sapiens zinc finger protein 273 (ZNF273), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 274 (ZNF274), transcript variant ZNF274c, mRNA."
"Homo sapiens zinc finger protein 275 (ZNF275), mRNA."
"Homo sapiens zinc finger protein 276 (ZNF276), mRNA."
"Homo sapiens zinc finger protein 277 (ZNF277), mRNA."
"Homo sapiens zinc finger protein 280A (ZNF280A), mRNA."
"Homo sapiens zinc finger protein 280B (ZNF280B), mRNA."
"Homo sapiens zinc finger protein 280C (ZNF280C), mRNA."
"Homo sapiens zinc finger protein 280D (ZNF280D), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 281 (ZNF281), mRNA."
"Homo sapiens zinc finger protein 282 (ZNF282), mRNA."
"Homo sapiens zinc finger protein 285A (ZNF285A), mRNA."
"Homo sapiens zinc finger protein 286A (ZNF286A), mRNA."
"Homo sapiens zinc finger 286C pseudogene (ZNF286C), non-coding RNA."
"Homo sapiens zinc finger protein 292 (ZNF292), mRNA."
"Homo sapiens zinc finger protein 295 (ZNF295), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 296 (ZNF296), mRNA."

"Homo sapiens zinc finger protein 3 (ZNF3), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 30 (ZNF30), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 302 (ZNF302), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 318 (ZNF318), mRNA."
"Homo sapiens zinc finger protein 319 (ZNF319), mRNA."
"Homo sapiens zinc finger protein 322A (ZNF322A), mRNA."
"Homo sapiens zinc finger protein 323 (ZNF323), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 324 (ZNF324), mRNA."
"Homo sapiens zinc finger protein 326 (ZNF326), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 329 (ZNF329), mRNA."
"Homo sapiens zinc finger protein 330 (ZNF330), mRNA."
"Homo sapiens zinc finger protein 331 (ZNF331), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 333 (ZNF333), mRNA."
"Homo sapiens zinc finger protein 335 (ZNF335), mRNA."
"Homo sapiens zinc finger protein 337 (ZNF337), mRNA."
"Homo sapiens zinc finger protein 33A (ZNF33A), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 33B (ZNF33B), mRNA."
"Homo sapiens zinc finger protein 34 (ZNF34), mRNA."
"Homo sapiens zinc finger protein 341 (ZNF341), mRNA."
"Homo sapiens zinc finger protein 343 (ZNF343), mRNA."
"Homo sapiens zinc finger protein 345 (ZNF345), mRNA."
"Homo sapiens zinc finger protein 347 (ZNF347), mRNA."
"Homo sapiens zinc finger protein 35 (ZNF35), mRNA."
"Homo sapiens zinc finger protein 350 (ZNF350), mRNA."
"Homo sapiens zinc finger protein 354B (ZNF354B), mRNA."
"Homo sapiens zinc finger protein 358 (ZNF358), mRNA."
"Homo sapiens zinc finger protein 362 (ZNF362), mRNA."
"Homo sapiens zinc finger protein 364 (ZNF364), mRNA."
"Homo sapiens zinc finger protein 367 (ZNF367), mRNA."
"Homo sapiens zinc finger protein 37A (ZNF37A), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens misc_RNA (ZNF37B), miscRNA."
"Homo sapiens zinc finger protein 382 (ZNF382), mRNA."
"Homo sapiens zinc finger protein 383 (ZNF383), mRNA."
"Homo sapiens zinc finger protein 384 (ZNF384), transcript variant 5, mRNA."
"Homo sapiens zinc finger protein 385A (ZNF385A), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 385B (ZNF385B), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 385C (ZNF385C), mRNA."
"Homo sapiens zinc finger protein 394 (ZNF394), mRNA."
"Homo sapiens zinc finger protein 395 (ZNF395), mRNA."
"Homo sapiens zinc finger protein 396 (ZNF396), mRNA."
"Homo sapiens zinc finger protein 397 (ZNF397), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 397 opposite strand (ZNF397OS), mRNA."
"Homo sapiens zinc finger protein 398 (ZNF398), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 404 (ZNF404), mRNA."

"Homo sapiens zinc finger protein 407 (ZNF407), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 408 (ZNF408), mRNA."
"Homo sapiens zinc finger protein 410 (ZNF410), mRNA."
"Homo sapiens zinc finger protein 414 (ZNF414), mRNA."
"Homo sapiens zinc finger protein 416 (ZNF416), mRNA."
"Homo sapiens zinc finger protein 417 (ZNF417), mRNA."
"Homo sapiens zinc finger protein 419 (ZNF419), transcript variant 6, mRNA."
"Homo sapiens zinc finger protein 420 (ZNF420), mRNA."
"Homo sapiens zinc finger protein 425 (ZNF425), mRNA."
"Homo sapiens zinc finger protein 426 (ZNF426), mRNA."
"Homo sapiens zinc finger protein 428 (ZNF428), mRNA."
"Homo sapiens zinc finger protein 429 (ZNF429), mRNA."
"Homo sapiens zinc finger protein 430 (ZNF430), mRNA."
"Homo sapiens zinc finger protein 431 (ZNF431), mRNA."
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"Homo sapiens zinc finger protein 434 (ZNF434), mRNA."
"Homo sapiens zinc finger protein 436 (ZNF436), mRNA."
"Homo sapiens zinc finger protein 439 (ZNF439), mRNA."
"Homo sapiens zinc finger protein 442 (ZNF442), mRNA."
"Homo sapiens zinc finger protein 444 (ZNF444), mRNA."
"Homo sapiens zinc finger protein 446 (ZNF446), mRNA."
"Homo sapiens zinc finger protein 45 (ZNF45), mRNA."
"Homo sapiens zinc finger protein 454 (ZNF454), mRNA."
"Homo sapiens zinc finger protein 460 (ZNF460), mRNA."
"Homo sapiens zinc finger protein 461 (ZNF461), mRNA."
"Homo sapiens zinc finger protein 467 (ZNF467), mRNA."
"Homo sapiens zinc finger protein 468 (ZNF468), transcript variant 1, mRNA."
"PREDICTED: Homo sapiens zinc finger protein 469 (ZNF469), mRNA."
"Homo sapiens zinc finger protein 470 (ZNF470), mRNA."
"Homo sapiens zinc finger protein 473 (ZNF473), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 479 (ZNF479), mRNA."
"Homo sapiens zinc finger protein 480 (ZNF480), mRNA."
"Homo sapiens zinc finger protein 483 (ZNF483), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 485 (ZNF485), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 486 (ZNF486), mRNA."
"Homo sapiens zinc finger protein 490 (ZNF490), mRNA."
"Homo sapiens zinc finger protein 492 (ZNF492), mRNA."
"Homo sapiens zinc finger protein 493 (ZNF493), mRNA."
"Homo sapiens zinc finger protein 498 (ZNF498), mRNA."
"Homo sapiens zinc finger protein 500 (ZNF500), mRNA."
"Homo sapiens zinc finger protein 507 (ZNF507), mRNA."
"Homo sapiens zinc finger protein 509 (ZNF509), mRNA."
"Homo sapiens zinc finger protein 510 (ZNF510), mRNA."
"Homo sapiens zinc finger protein 511 (ZNF511), mRNA."

"Homo sapiens zinc finger protein 512 (ZNF512), mRNA."
"Homo sapiens zinc finger protein 513 (ZNF513), mRNA."
"Homo sapiens zinc finger protein 514 (ZNF514), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 516 (ZNF516), mRNA."
"Homo sapiens zinc finger protein 518A (ZNF518A), mRNA."
"Homo sapiens zinc finger protein 518B (ZNF518B), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 519 (ZNF519), mRNA."
"Homo sapiens zinc finger protein 521 (ZNF521), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 525 (ZNF525), mRNA."
"Homo sapiens zinc finger protein 526 (ZNF526), mRNA."
"Homo sapiens zinc finger protein 529 (ZNF529), mRNA."
"Homo sapiens zinc finger protein 530 (ZNF530), mRNA."
"Homo sapiens zinc finger protein 532 (ZNF532), mRNA."
"Homo sapiens zinc finger protein 533 (ZNF533), mRNA."
"Homo sapiens zinc finger protein 540 (ZNF540), mRNA."
"Homo sapiens zinc finger protein 541 (ZNF541), mRNA."
"Homo sapiens zinc finger protein 543 (ZNF543), mRNA."
"Homo sapiens zinc finger protein 547 (ZNF547), mRNA."
"Homo sapiens zinc finger protein 548 (ZNF548), mRNA."
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"Homo sapiens zinc finger protein 551 (ZNF551), mRNA."
"Homo sapiens zinc finger protein 555 (ZNF555), mRNA."
"Homo sapiens zinc finger protein 556 (ZNF556), mRNA."
"Homo sapiens zinc finger protein 557 (ZNF557), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 558 (ZNF558), mRNA."
"Homo sapiens zinc finger protein 559 (ZNF559), mRNA."
"Homo sapiens zinc finger protein 561 (ZNF561), mRNA."
"Homo sapiens zinc finger protein 562 (ZNF562), mRNA."
"Homo sapiens zinc finger protein 563 (ZNF563), mRNA."
"Homo sapiens zinc finger protein 564 (ZNF564), mRNA."
"Homo sapiens zinc finger protein 566 (ZNF566), mRNA."
"Homo sapiens zinc finger protein 57 (ZNF57), mRNA."
"Homo sapiens zinc finger protein 570 (ZNF570), mRNA."
"Homo sapiens zinc finger protein 571 (ZNF571), mRNA."
"Homo sapiens zinc finger protein 572 (ZNF572), mRNA."
"Homo sapiens zinc finger protein 573 (ZNF573), mRNA."
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"Homo sapiens zinc finger protein 576 (ZNF576), mRNA."
"Homo sapiens zinc finger protein 577 (ZNF577), mRNA."
"Homo sapiens zinc finger protein 579 (ZNF579), mRNA."
"Homo sapiens zinc finger protein 580 (ZNF580), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 581 (ZNF581), mRNA."
"Homo sapiens zinc finger protein 583 (ZNF583), mRNA."

"Homo sapiens zinc finger protein 584 (ZNF584), mRNA."
"Homo sapiens zinc finger protein 585A (ZNF585A), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 585B (ZNF585B), mRNA."
"Homo sapiens zinc finger protein 586 (ZNF586), mRNA."
"Homo sapiens zinc finger protein 587 (ZNF587), mRNA."
"Homo sapiens zinc finger protein 589 (ZNF589), mRNA."
"Homo sapiens zinc finger protein 592 (ZNF592), mRNA."
"Homo sapiens zinc finger protein 593 (ZNF593), mRNA."
"Homo sapiens zinc finger protein 594 (ZNF594), mRNA."
"Homo sapiens zinc finger protein 595 (ZNF595), mRNA."
"Homo sapiens zinc finger protein 596 (ZNF596), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 597 (ZNF597), mRNA."
"Homo sapiens zinc finger protein 598 (ZNF598), mRNA."
"Homo sapiens zinc finger protein 599 (ZNF599), mRNA."
"Homo sapiens zinc finger protein 605 (ZNF605), mRNA."
"Homo sapiens zinc finger protein 607 (ZNF607), mRNA."
"Homo sapiens zinc finger protein 608 (ZNF608), mRNA."
"Homo sapiens zinc finger protein 609 (ZNF609), mRNA."
"Homo sapiens zinc finger protein 611 (ZNF611), mRNA."
"Homo sapiens zinc finger protein 613 (ZNF613), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 614 (ZNF614), mRNA."
"Homo sapiens zinc finger protein 615 (ZNF615), mRNA."
"Homo sapiens zinc finger protein 616 (ZNF616), mRNA."
"Homo sapiens zinc finger protein 618 (ZNF618), mRNA."
"Homo sapiens zinc finger protein 619 (ZNF619), mRNA."
"Homo sapiens zinc finger protein 620 (ZNF620), mRNA."
"Homo sapiens zinc finger protein 621 (ZNF621), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 622 (ZNF622), mRNA."
"Homo sapiens zinc finger protein 626 (ZNF626), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 627 (ZNF627), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 629 (ZNF629), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 630, transcript variant 2 (ZNF630), mRNA."
"Homo sapiens zinc finger protein 642 (ZNF642), mRNA."
"Homo sapiens zinc finger protein 643 (ZNF643), mRNA."
"Homo sapiens zinc finger protein 644 (ZNF644), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 650 (ZNF650), mRNA."
"Homo sapiens zinc finger protein 652 (ZNF652), mRNA."
"Homo sapiens zinc finger protein 653 (ZNF653), mRNA."
"Homo sapiens zinc finger protein 654 (ZNF654), mRNA."
"Homo sapiens zinc finger protein 655 (ZNF655), transcript variant 5, mRNA."
"PREDICTED: Homo sapiens zinc finger protein 658 (ZNF658), mRNA."
"Homo sapiens zinc finger protein 658B (ZNF658B), mRNA."
"Homo sapiens zinc finger protein 664 (ZNF664), mRNA."
"Homo sapiens zinc finger protein 668 (ZNF668), mRNA."

"Homo sapiens zinc finger protein 669 (ZNF669), mRNA."
"Homo sapiens zinc finger protein 672 (ZNF672), mRNA."
"Homo sapiens zinc finger family member 674 (ZNF674), mRNA."
"Homo sapiens zinc finger protein 676 (ZNF676), mRNA."
"Homo sapiens zinc finger protein 679 (ZNF679), mRNA."
"Homo sapiens zinc finger protein 680 (ZNF680), mRNA."
"Homo sapiens zinc finger protein 681 (ZNF681), mRNA."
"Homo sapiens zinc finger protein 682 (ZNF682), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 684 (ZNF684), mRNA."
"Homo sapiens zinc finger protein 687 (ZNF687), mRNA."
"Homo sapiens zinc finger protein 688 (ZNF688), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 689 (ZNF689), mRNA."
"Homo sapiens zinc finger protein 69 (ZNF69), mRNA."
"Homo sapiens zinc finger protein 692 (ZNF692), transcript variant 2, mRNA."
"Homo sapiens zinc finger protein 695 (ZNF695), mRNA."
"Homo sapiens zinc finger protein 696 (ZNF696), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 699 (ZNF699), mRNA."
"Homo sapiens zinc finger protein 7 (ZNF7), mRNA."
"Homo sapiens zinc finger protein 700 (ZNF700), mRNA."
"Homo sapiens zinc finger protein 701 (ZNF701), mRNA."
"Homo sapiens zinc finger protein 705A (ZNF705A), mRNA."
"Homo sapiens zinc finger protein 705D (ZNF705D), mRNA."
"Homo sapiens zinc finger protein 706 (ZNF706), transcript variant 3, mRNA."
"Homo sapiens zinc finger protein 707 (ZNF707), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 708 (ZNF708), mRNA."
"Homo sapiens zinc finger protein 71 (ZNF71), mRNA."
"Homo sapiens zinc finger protein 713 (ZNF713), mRNA."
"Homo sapiens zinc finger protein 714 (ZNF714), mRNA."
"PREDICTED: Homo sapiens zinc finger protein 717, transcript variant 3 (ZNF717), mRNA."
"Homo sapiens zinc finger protein 721 (ZNF721), mRNA."
"PREDICTED: Homo sapiens misc_RNA (ZNF738), partial miscRNA."
"Homo sapiens zinc finger protein 740 (ZNF740), mRNA."
"Homo sapiens zinc finger protein 746 (ZNF746), mRNA."
"Homo sapiens zinc finger protein 747 (ZNF747), mRNA."
"Homo sapiens zinc finger protein 749 (ZNF749), mRNA."
"Homo sapiens zinc finger protein 75a (ZNF75A), mRNA."
"Homo sapiens zinc finger protein 75D (ZNF75D), mRNA."
"Homo sapiens zinc finger protein 76 (expressed in testis) (ZNF76), mRNA."
"Homo sapiens zinc finger protein 763 (ZNF763), mRNA."
"Homo sapiens zinc finger protein 764 (ZNF764), mRNA."
"Homo sapiens zinc finger protein 765 (ZNF765), mRNA."
"Homo sapiens zinc finger protein 768 (ZNF768), mRNA."
"Homo sapiens zinc finger protein 77 (ZNF77), mRNA."
"Homo sapiens zinc finger protein 770 (ZNF770), mRNA."

"Homo sapiens zinc finger protein 772 (ZNF772), mRNA."
"Homo sapiens zinc finger protein 774 (ZNF774), mRNA."
"Homo sapiens zinc finger protein 775 (ZNF775), mRNA."
"Homo sapiens zinc finger protein 776 (ZNF776), mRNA."
"Homo sapiens zinc finger protein 777 (ZNF777), mRNA."
"Homo sapiens zinc finger protein 778 (ZNF778), mRNA."
"Homo sapiens zinc finger protein 780B (ZNF780B), mRNA."
"Homo sapiens zinc finger protein 781 (ZNF781), mRNA."
"Homo sapiens zinc finger family member 783 (ZNF783), mRNA."
"Homo sapiens zinc finger protein 784 (ZNF784), mRNA."
"Homo sapiens zinc finger protein 786 (ZNF786), mRNA."
"Homo sapiens zinc finger protein 787 (ZNF787), mRNA."
"PREDICTED: Homo sapiens misc_RNA (ZNF788), miscRNA."
"Homo sapiens zinc finger protein 789 (ZNF789), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 79 (ZNF79), mRNA."
"Homo sapiens zinc finger protein 791 (ZNF791), mRNA."
"Homo sapiens zinc finger protein 792 (ZNF792), mRNA."
"Homo sapiens zinc finger protein 800 (ZNF800), mRNA."
"Homo sapiens zinc finger protein 804A (ZNF804A), mRNA."
"Homo sapiens zinc finger protein 805 (ZNF805), mRNA."
"Homo sapiens zinc finger protein 813 (ZNF813), mRNA."
"Homo sapiens zinc finger protein 816A (ZNF816A), mRNA."
"Homo sapiens zinc finger protein 821 (ZNF821), mRNA."
"Homo sapiens zinc finger protein 823 (ZNF823), mRNA."
"Homo sapiens zinc finger protein 827 (ZNF827), mRNA."
"Homo sapiens zinc finger protein 828 (ZNF828), mRNA."
"Homo sapiens zinc finger protein 830 (ZNF830), mRNA."
"Homo sapiens zinc finger protein 831 (ZNF831), mRNA."
"Homo sapiens zinc finger protein 836 (ZNF836), mRNA."
"Homo sapiens zinc finger protein 839 (ZNF839), mRNA."
"Homo sapiens zinc finger protein 84 (ZNF84), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 843 (ZNF843), mRNA."
"Homo sapiens zinc finger protein 844 (ZNF844), mRNA."
"Homo sapiens zinc finger protein 845 (ZNF845), mRNA. XM_039908"
"Homo sapiens zinc finger protein 846 (ZNF846), mRNA."
"Homo sapiens zinc finger protein 860 (ZNF860), mRNA. XM_001725699 XM_496634"
"Homo sapiens zinc finger protein 878 (ZNF878), mRNA."
"Homo sapiens zinc finger protein 91 (ZNF91), mRNA."
"Homo sapiens zinc finger protein 92 (ZNF92), transcript variant 1, mRNA."
"Homo sapiens zinc finger protein 93 (ZNF93), mRNA."
"Homo sapiens zinc finger protein 99 (ZNF99), mRNA."
"Homo sapiens zinc finger, NFX1-type containing 1 (ZNFX1), mRNA."
"Homo sapiens zinc finger, HIT type 1 (ZNHIT1), mRNA."
"Homo sapiens zinc finger, HIT type 2 (ZNHIT2), mRNA."

"Homo sapiens zinc finger, HIT type 3 (ZNHIT3), transcript variant 1, mRNA."
"Homo sapiens zinc finger, HIT type 6 (ZNHIT6), mRNA."
"Homo sapiens zinc ribbon domain containing 1 (ZNRD1), transcript variant b, mRNA."
"Homo sapiens zinc and ring finger 3 (ZNRF3), mRNA."
"Homo sapiens zona pellucida glycoprotein 3 (sperm receptor) (ZP3), mRNA."
"Homo sapiens zona pellucida binding protein (ZPBP), mRNA."
"Homo sapiens zona pellucida binding protein 2 (ZPBP2), transcript variant 1, mRNA."
"Homo sapiens zinc finger, RAN-binding domain containing 1 (ZRANB1), mRNA."
"Homo sapiens zinc finger, RAN-binding domain containing 2 (ZRANB2), transcript variant 2, mI
"Homo sapiens zinc finger, RAN-binding domain containing 3 (ZRANB3), mRNA."
"Homo sapiens zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2 (ZRSR2),
"Homo sapiens zinc finger and SCAN domain containing 12-like 1 (ZSCAN12L1), non-coding RI
"Homo sapiens zinc finger and SCAN domain containing 16 (ZSCAN16), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 18 (ZSCAN18), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 2 (ZSCAN2), transcript variant 1, mRN
"Homo sapiens zinc finger and SCAN domain containing 20 (ZSCAN20), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 21 (ZSCAN21), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 22 (ZSCAN22), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 29 (ZSCAN29), mRNA."
"Homo sapiens zinc finger and SCAN domain containing 5A (ZSCAN5A), mRNA."
"Homo sapiens zinc finger, SWIM-type containing 1 (ZSWIM1), mRNA."
"PREDICTED: Homo sapiens zinc finger, SWIM-type containing 3 (ZSWIM3), mRNA."
"Homo sapiens zinc finger, SWIM-type containing 4 (ZSWIM4), mRNA."
"Homo sapiens zinc finger, SWIM-type containing 5 (ZSWIM5), mRNA."
"PREDICTED: Homo sapiens zinc finger, SWIM-type containing 6 (ZSWIM6), mRNA."
"Homo sapiens zinc finger, SWIM-type containing 7 (ZSWIM7), transcript variant 1, mRNA."
"Homo sapiens zinc finger with UFM1-specific peptidase domain (ZUFSP), mRNA."
"Homo sapiens ZW10, kinetochore associated, homolog (Drosophila) (ZW10), mRNA."
"Homo sapiens Zwilch, kinetochore associated, homolog (Drosophila) (ZWILCH), transcript varia
"Homo sapiens ZW10 interactor (ZWINT), transcript variant 4, mRNA."
"Homo sapiens zinc finger, X-linked, duplicated A (ZXDA), mRNA."
"Homo sapiens zinc finger, X-linked, duplicated B (ZXDB), mRNA."
"Homo sapiens ZXD family zinc finger C (ZXDC), transcript variant 2, mRNA."
"Homo sapiens zyg-11 homolog B (C. elegans) (ZYG11B), mRNA."
"Homo sapiens zyxin (ZYX), transcript variant 1, mRNA."
"Homo sapiens zinc finger, ZZ-type with EF-hand domain 1 (ZZEF1), mRNA."
"Homo sapiens zinc finger, ZZ-type containing 3 (ZZZ3), mRNA."

ONTOLOGY_PROCESS
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
The process of assisting in the correct noncovalent folding of newly formed polypeptides or foldi
"The chemical reactions and pathways resulting in the formation of glycosphingolipid, a compou
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process in an organism in which a relatively long-lasting adaptive behavioral change occur
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of a macromolecule, any molec
"The chemical reactions and pathways resulting in the breakdown of lysine, 2,6-diaminohexanoi
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A forr
"The specific actions or reactions of an organism in response to external or internal stimuli. Patte
"The regulated release of a peptide from a cell or group of cells [goid 2790] [evidence IEA]; The
1) on chromosome 4."
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of oligopeptides into, out of, within or between cells. Oligopeptides are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
coding RNA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the breakdown of RNA, ribonucleic acid, one
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The seri

"The series of molecular signals generated as a consequence of a transmembrane receptor tyro
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 11516653] [eviden
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 11956071] [eviden
"A cell cycle process that regulates transcription such that the target genes are transcribed durir
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"A process that is carried out at the cellular level which results in the formation, arrangement of

"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence N
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of removal or addition of one or more electrons with or without the concomitant re
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of steroids, compounds with a

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
The chemical reactions and pathways resulting in the formation of substances; typically the ene
Any process that contributes to the maintenance of proper telomeric length and structure by affe

"The chemical reactions and pathways resulting in the breakdown of acetylcholine that occurs ir
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways involving citrate, 2-hydroxy-1,2,3-propanetricarboyxlate.
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greate
"The chemical reactions and pathways involving acetyl-CoA, a derivative of coenzyme A in whic
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greate
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greate
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving acyl-CoA, any derivative of coenzyme A in whic
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The proteolytic digestion of components in the acrosomal matrix that allows for their release int
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of acetyl-CoA, a derivative of c
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo

"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden

"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [pmi
"Any process that activates or increases the activity of a sodium:hydrogen antiporter, which cata
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
NA."
Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidence
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidenc
"Any process that modulates the frequency, rate or extent of the assembly of actin filaments by
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 9884026] [evide
"A complex and coordinated series of cellular movements that occurs at the end of cleavage du
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The proc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any serie
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The serie
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The atta
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The proc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The attac
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A series
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr

"Any process that activates or increases the frequency, rate or extent of cell death by apoptosis

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of one or more primary RNA transcripts into one or more
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The chemical reactions and pathways involving ornithine, an amino acid only rarely found in pro

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of the nucleotide cAMP (cyclic
"The chemical reactions and pathways resulting in the formation of the nucleotide cAMP (cyclic
"The chemical reactions and pathways resulting in the formation of the nucleotide cAMP (cyclic

"The process of removal or addition of one or more electrons with or without the concomitant re
"The process of removal or addition of one or more electrons with or without the concomitant re
"The directed movement of molecular hydrogen (H2) into, out of, within or between cells [goid 1
"The chemical reactions and pathways resulting in the formation of amino acids, organic acids c
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process which produces a purine nucleoside from derivatives of it, without de novo synthes
"The chemical reactions and pathways resulting in the formation of the nucleotide cAMP (cyclic

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the formation of the nucleotide cAMP (cyclic
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The process of removing one or more ADP-ribose residues from a protein [goid 51725] [evidenc

"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any process that modulates the extent of heart contraction, changing the force with which blood
"The extension of an RNA molecule after transcription initiation at an RNA polymerase II-specifi
"The chemical reactions and pathways resulting in the formation of AMP, adenosine monophosp
"Any process involved in the development or functioning of the immune system, an organismal s
"Any process involved in the development or functioning of the immune system, an organismal s
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

"Any process that activates or increases the frequency, rate or extent of DNA-dependent transcr
"The process whose specific outcome is the progression of the brain over time, from its formatio
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
, non-coding RNA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the breakdown of tryptophan, the chiral amin
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
The removal of sugar residues from a glycosylated protein [goid 6517] [pmid 2775174] [evidenc
cript variant 2, mRNA."
A."
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"The initiation of the activity of the inactive enzyme protein kinase C as the result of a series of r
"The chemical reactions and pathways resulting in the formation of spermidine, N-(3-aminoprop
"The chemical reactions and pathways resulting in the formation of phosphatidic acid, any deriva

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The developmental process, independent of morphogenetic (shape) change, that is required fo
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"A process that is carried out at the cellular level which results in the formation, arrangement of
The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
A."

The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The chemical reactions and pathways involving compounds containing a single carbon atom [g
"The chemical reactions and pathways involving compounds containing a single carbon atom [g
"The chemical reactions and pathways involving compounds containing a single carbon atom [g

"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any immune system process that functions in the calibrated response of an organism to a pote
2), mRNA."
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
al protein, transcript variant 2, mRNA."
"A series of reactions, mediated by protein kinases, which occurs as a result of a single trigger r
"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughte
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the formation of L-ascorbic acid; L-ascorbic a
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving prostaglandins, any of a group of biologically ac
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving aldehydes, any organic compound with the forr
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"Any process that modulates the occurrence or rate of cell death by apoptosis in the nervous sys
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"Any process that activates or increases the frequency, rate or extent of addition of phosphate g
"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The process by which the migration of an axon growth cone of a motor neuron is directed to a s
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of proline (pyrrolidine-2-carboxy
"The chemical reactions and pathways involving aldehydes, any organic compound with the forr
"The chemical reactions and pathways involving alcohols, any of a class of compounds containi
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving compounds containing a single carbon atom [g
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving aldehydes, any organic compound with the forr
"The chemical reactions and pathways involving alcohols, any of a class of compounds containi
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving glycerophospholipids, any derivative of glycerop
"The chemical reactions and pathways involving valine, 2-amino-3-methylbutanoic acid [goid 65
"The chemical reactions and pathways involving aldehydes, any organic compound with the forr
"The chemical reactions and pathways involving aldehydes, any organic compound with the forr
"The chemical reactions and pathways involving fructose, the ketohexose arabino-2-hexulose. F
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
ɔombe) (ALG10), mRNA."
ɛast) (ALG10B), mRNA."
The chemical reactions and pathways resulting in the formation of substances; typically the ener
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways resulting in the formation of dolichol-linked oligosacchari
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1' a
The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1' a
erevisiae) (ALG9), transcript variant 4, mRNA."
"The repair of alkylation damage, e.g. the removal of the alkyl group at the O6-position of guanir
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

."

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"An acute behavioral change resulting from a perceived external threat [goid 1662] [evidence IE
Any process that modulates the rate of GTP hydrolysis by a GTPase [goid 43087] [pmid 115862
S2CR14), mRNA."
didate 16 (ALS2CR16), mRNA."
2CR4), transcript variant 1, mRNA."
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac
"The chemical reactions and pathways resulting in the formation of spermine, a polybasic amine
"The chemical reactions and pathways involving histidine, 2-amino-3-(1H-imidazol-4-yl)propanoi
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 17
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The biological process whose specific outcome is the progression of a multicellular organism ov

"The aggregation, arrangement and bonding together of a set of components to form a junction

"The chemical reactions and pathways resulting in the breakdown of AMP, adenosine monopho
"The chemical reactions and pathways resulting in the breakdown of glycine, aminoethanoic aci
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 10318877] [evid
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 94698
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 9469815] [evide
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process by which the migration of an axon growth cone is directed to a specific target site i
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
RNA."
NA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

ANKRD13D), mRNA."

"A system for the correction of errors introduced during DNA replication when an incorrect base,

"The directed movement of substances, in membrane-bounded vesicles, from the early sorting e

RNA."

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The process whose specific outcome is the progression of the male gonad over time, from its fo

2, mRNA."
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
RNA."
RNA."
RNA."

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The progression of biochemical and morphological phases and events that occur in a cell durin
Any immune system process that functions in the calibrated response of an organism to a poter
"The process whose specific outcome is the progression of the skeleton over time, from its form

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"Any process that stops, prevents or reduces the frequency, rate or extent of coagulation [goid 5

"The regulation of the levels, transport, and metabolism of calcium ions within a cell or between
"The chemical reactions and pathways involving any of a group of physiologically important biog
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The chemical reactions and pathways involving dioxygen (O2), or any of the reactive oxygen sp

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The process of directing proteins towards the lysosome using signals contained within the prote
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways resulting in the formation of eye pigments, any general o
"The process of directing proteins towards the lysosome using signals contained within the prote
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
(APBA2BP), transcript variant 2, mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g
script variant 3, mRNA."
"The aggregation, arrangement and bonding together of a set of components to form a protein c

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The series of molecular signals initiated by binding of an extracellular ligand to a Notch recepto
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any process that stops, prevents or reduces the frequency, rate or extent of cell death by apopt

"The enzymatic addition of a sequence of 40-200 adenylyl residues at the 3' end of a eukaryotic
"Specific actions of a newborn or infant mammal that result in the derivation of nourishment fron

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any host process that results in the promotion of antiviral immune response mechanisms, there
"Any host process that results in the promotion of antiviral immune response mechanisms, there
3H), mRNA."
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process which produces a purine nucleoside from derivatives of it, without de novo synthes
"The repair of single strand breaks in DNA. Repair of such breaks is mediated by the same enzy
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Any process that activates or increases the frequency, rate, or extent of an immune system pro

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
cript variant 3, mRNA."
A."
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the

"The process whose specific outcome is the progression of the liver over time, from its formatior
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins in a cell, including the movement of proteins between speci
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 8670882] [evidenc
"A cyclic metabolic pathway that converts waste nitrogen in the form of ammonium to urea [goid

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"The developmental process by which the size or shape of a cell is generated and organized. M
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A form of programmed cell death induced by external or internal signals that trigger the activity

"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The establishment of an organism's body plan or part of an organism with respect to the left an

The aggregation and bonding together of alpha- and beta-tubulin to form a tubulin heterodimer [
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"The targeting of proteins to a membrane that occurs during translation. The transport of most s
The process of removing sections of the primary RNA transcript to remove sequences not prese
"The directed movement of L-glutamate, the L enantiomer anion of 2-aminopentanedioic acid, ir

"The process by which genetic material, in the form of chromosomes, is organized and then phy
"The process by which genetic material, in the form of chromosomes, is organized and then phy
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The embryonically driven process whose specific outcome is the progression of the placenta ov
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of the assembly of actin filaments by
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidenc
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidenc
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidenc
"Assembly of actin filaments by the addition of actin monomers to a filament [goid 30041] [evide
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9230079] [evidenc
"Any process that modulates the frequency, rate or extent of the assembly of actin filaments by

"Any process that activates or increases the frequency, rate or extent of gluconeogenesis [goid
RNA."
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a

"The process by which the sperm binds to the zona pellucida glycoprotein layer of the egg. The
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The transfer, from NAD, of ADP-ribose to protein amino acids [goid 6471] [evidence IEA]; The t
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

variant 1, mRNA."

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The aggregatic
n-coding RNA."
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"Any process by which DNA and associated proteins are formed into a compact, orderly structur
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"A cyclic metabolic pathway that converts waste nitrogen in the form of ammonium to urea [goid
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of melatonin (N-acetyl-5-methox
"The chemical reactions and pathways resulting in the formation of asparagine, 2-amino-3-carba
"The chemical reactions and pathways resulting in the formation of asparagine, 2-amino-3-carba
"The chemical reactions and pathways resulting in the breakdown of aspartate, the anion derive

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The alteration of an amino acid residue in a peptide [goid 18193] [evidence IEA]; The process of
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The process whose specific outcome is the progression of the skin over time, from its formation
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the breakdown of glutamate, via the intermed
"A cyclic metabolic pathway that converts waste nitrogen in the form of ammonium to urea [goid
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The posttranslational conjugation of arginine to the N-terminal aspartate or glutamate of a prote
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The covalent or non-covalent attachment of lipid moieties to an amino acid in a protein [goid 64
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The covalent or non-covalent attachment of lipid moieties to an amino acid in a protein [goid 64
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that modulates the extent of heart contraction, changing the force with which blood
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
, mRNA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"Any process that stops, prevents, or reduces the rate or extent of endothelial cell proliferation [g
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the breakdown of ATP, adenosine 5'-triphosp
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The transport of protons across a membrane to generate an electrochemical gradient (proton-n
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The transport of protons across a membrane to generate an electrochemical gradient (proton-n
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The transport of protons across a membrane to generate an electrochemical gradient (proton-n
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the breakdown of ATP, adenosine 5'-triphosp
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The transport of protons across a membrane to generate an electrochemical gradient (proton-n
IA."
"The process leading to the attainment of the full functional capacity of angiotensin by conversio
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
A."
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of copper (Cu) ions into, out of, within or between cells [goid 6825] [evi
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The aggregation, arrangement and bonding together of a proton-transporting ATP synthase (al

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"The process whose specific outcome is the progression of nervous tissue over time, from its fo

"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr

"The chemical reactions and pathways resulting in the breakdown of mRNA, messenger RNA, w

"Progression through the phases of the mitotic cell cycle, the most common eukaryotic cell cycle
"Any process that stops, prevents or reduces the rate or extent of mitosis. Mitosis is the division

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The process of renal water excretion [goid 30146] [evidence IEA]; Any process that activates o
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteric
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any immune system process that functions in the calibrated response of an organism to a pote
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa
"The chemical reactions and pathways resulting in the formation of polyamines, any organic com
The process by which an antigen-presenting cell expresses a peptide antigen on its cell surface
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways resulting in the formation of glycosaminoglycans, any of
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of glycosaminoglycans, any of
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

.1), mRNA."
"The chemical reactions and pathways resulting in the formation of ceramide oligosaccharides c

"The process whose specific outcome is the progression of an epithelial cell over time, from its f
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways resulting in the breakdown of glucose, the aldohexose gl
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"A form of programmed cell death induced by external or internal signals that trigger the activity
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The regulated release of neurotransmitter into the synaptic cleft. A neurotransmitter is any of a
mRNA."
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The change in morphology and behavior of a mature or immature B cell resulting from exposure
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"A homeostatic process involved in the maintenance of an internal equilibrium within a defined ti
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [evic
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Dynamic struc
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process by which cytochrome c is enabled to move from the mitochondrial intermembrane
"The chemical reactions and pathways resulting in the formation of carnitine (hydroxy-trimethyl a
"A tissue homeostatic process involved in the maintenance of an internal equilibrium within the r
"A tissue homeostatic process involved in the maintenance of an internal equilibrium within the r
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The assembly and organization of the sperm flagellar axoneme, the bundle of microtubules and
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The characteristic morphogenetic movements where the primitive heart tube loops asymmetrica
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwork
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8692959] [evide
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 10878

"The chemical reactions and pathways involving cocaine, an alkaloid obtained from the dried lea
"The chemical reactions and pathways resulting in the breakdown of amino acids containing a b
"The chemical reactions and pathways resulting in the breakdown of amino acids containing a b
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process by which cytochrome c is enabled to move from the mitochondrial intermembrane
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription [goid
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A form of programmed cell death induced by external or internal signals that trigger the activity
The series of molecular signals initiated by binding of Wnt protein to a frizzled family receptor or
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"A process whereby force is generated within smooth muscle tissue, resulting in a change in mu

"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"A form of programmed cell death induced by external or internal signals that trigger the activity
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor

"Any process that activates or increases the frequency, rate or extent of cell death by apoptosis
A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two

"The process whose specific outcome is the progression of the placenta over time, from its form
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 9859993] [evide

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A ser
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 15604
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9546396] [evidenc
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
variant 2, mRNA."
eptor 5) (BLR1), transcript variant 1, mRNA."
"The chemical reactions and pathways resulting in the breakdown of heme, any compound of iro
The chemical reactions and pathways by which individual cells transform chemical substances [
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 9129
Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [evid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The increase in size or mass of an entire organism, a part of an organism or a cell [goid 40007]
"The increase in size or mass of an entire organism, a part of an organism or a cell [goid 40007]
"The process by which the Mullerian ducts, primordia of the oviducts, uterus and upper vagina, u
"The process that gives rise to the mesoderm. This process pertains to the initial formation of th

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7970727] [evid
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A process that directly activates any of the steps required for cell death by apoptosis [goid 691

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo
"The chemical reactions and pathways involving amino acids, organic acids containing one or m

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 2284096] [evid
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process involved in the assembly of the RNA polymerase complex at the promoter region c

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 15150265] [evi
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
A."
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"An immune response mediated through a body fluid [goid 6959] [pmid 7607676] [evidence TAS
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription [goid
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The addition of a methyl group to a protein amino acid. A methyl group is derived from methane
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
Any immune system process that functions in the calibrated response of an organism to a poter

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughter

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The biological process whose specific outcome is the progression of a multicellular organism ov

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
Dorf128), mRNA."

The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
orf18), mRNA."

"

The process of removal or addition of one or more electrons with or without the concomitant rem

"

"The chemical reactions and pathways involving aromatic compounds, any organic compound c

"

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"

orf93), mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

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"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

The biological process whose specific outcome is the progression of a multicellular organism ov

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

"The deposition or aggregation of coloring matter in an organism, tissue or cell [goid 43473] [pm

"

"

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The process resulting in the release of a polypeptide chain from the ribosome, usually in respor

"

A."
A."

A."

A."

"The chemical reactions and pathways resulting in the breakdown of D-amino acids, the dextror
"

A."

Any process induced by intracellular signals that directly activates any of the steps required for c

coding RNA."

A."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"

"

"

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r

"

"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
orf50), mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

The transport of protons across a membrane to generate an electrochemical gradient (proton-m

The biological process whose specific outcome is the progression of a multicellular organism ov

A."

Any process that maintains the redox environment of a cell or compartment within a cell [goid 45

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"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [evidenc

"

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"The biological process whose specific outcome is the progression of a multicellular organism ov

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r

9OS), mRNA."

"

"

"

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

"

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

20763"

"

The covalent alteration of one or more nucleotides within an rRNA molecule to produce an rRNA
"The chemical reactions and pathways resulting in the breakdown of glycine, aminoethanoic aci

The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev

"Any process involved in the activation of any of the steps of the classical pathway of the comple
Any immune system process that functions in the calibrated response of an organism to a poten
The specific movement from place to place of an organism in response to external or internal sti

"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
, mRNA."
, mRNA."
"The process of creating protein oligomers, compounds composed of a small number, usually be

A."

coding RNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

The chemical reactions and pathways resulting in the formation of substances; typically the ener

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

ochondrial protein, transcript variant 2, mRNA."

"

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

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"

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"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

A."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process involved in the activation of any of the steps of the classical pathway of the comple

"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any process that modulates the frequency, rate or extent of activity of any TGF-beta receptor s

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process involved in the activation of any of the steps of the classical pathway of the comple

"

"

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that mediates interactions between a cell and its surroundings. Encompasses inte

f160), mRNA."
"

Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
f184), mRNA."

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The directed movement of metal ions, any metal ion with an electric charge, into, out of, within
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

ıondrial protein, mRNA."

"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

Any process by which an organism has an effect on an organism of a different species [goid 44
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The process of assisting in the correct noncovalent assembly of posttranslational proteins and is

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that stops, prevents or reduces the frequency, rate or extent of an I-kappaB kinase

"The chemical reactions and pathways involving compounds containing a single carbon atom [g
The chemical reactions and pathways involving compounds containing a single carbon atom [go
The chemical reactions and pathways involving compounds containing a single carbon atom [go
"The process by which the anatomical structures of epithelia are generated and organized. Morp
The chemical reactions and pathways involving compounds containing a single carbon atom [go
The chemical reactions and pathways involving compounds containing a single carbon atom [go

"The specific activation or halting of processes within a cell so that its vital functions markedly ce
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"Any process that modulates the frequency, rate or extent of the physical partitioning and separa
"Cell motility due to movement of cilia or flagella [goid 1539] [evidence IEA]; The cascade of pro

"The directed movement of calcium (Ca) ions into, out of, within or between cells [goid 6816] [ev
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of calcium (Ca) ions into, out of, within or between cells [goid 6816] [ev
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The directed killing of a target cell by a T cell through the release of granules containing cytotox
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Attachment of the blastocyst to the uterine lining [goid 7566] [pmid 17983652] [evidence IDA]; A
"The regulation of the levels, transport, and metabolism of calcium ions within a cell or between
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process by which a virus reproduces. Usually, this is by infection of a host cell, replication o
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden

"The progression of biochemical and morphological phases and events that occur in a cell durin

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The series of molecular signals generated as a consequence of a dopamine receptor binding to
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9395448] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Progr
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8089075] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process by which receptor molecules are returned to an active state and in an active cellul
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
."
"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The developmental process by which the size or shape of a cell is generated and organized. M
"Formation of a prolongation or process extending from a cell, e.g. a flagellum or axon [goid 300
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proce
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Dynamic
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The case
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid 8

"Any process that stops, prevents or reduces the frequency, rate or extent of cell growth [goid 30
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun

"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of

"A process that is carried out at the cellular level which results in the formation, arrangement of
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"Any process that activates or increases the frequency, rate or extent of production of a cytokine
mRNA."
Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [evid
"Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [evic
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of coupling cysteine to cysteinyl-tRNA, catalyzed by cysteinyl-tRNA synthetase. In
"The process of coupling cysteine to cysteinyl-tRNA, catalyzed by cysteinyl-tRNA synthetase. In

The formation of the acrosome from the spermatid Golgi [goid 1675] [pmid 15579588] [evidence

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The a
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proce
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A process
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 7797510] [evidence
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 12888622] [evider
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Cell motility due to movement of cilia or flagella [goid 1539] [evidence IEA]; The directed mover
RNA."
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [evidence
"Fusion of the membrane of a transport vesicle with its target membrane [goid 6906] [pmid 1274
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"The process whereby a relatively unspecialized cell acquires specialized features of an epitheli
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the formation of cysteine from other compou

The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The formation c
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Dynamic struc
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The formation
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The formation
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis
"Any process by which a protein is transported to, or maintained in, a specific location [goid 810

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The chemical reactions and pathways resulting in the formation of substances; typically the ene
The chemical reactions and pathways resulting in the formation of substances; typically the ene
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process whereby new strands of DNA are synthesized. The template for replication can eit

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process by which an organism has an effect on an organism of a different species [goid 44

"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The directed movement of a protein from the nucleus into the cytoplasm [goid 6611] [evidence
"The regulation of the levels, transport, and metabolism of calcium ions within a cell or between
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The regulation of the levels, transport, and metabolism of calcium ions within a cell or between
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a

"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a

Any immune system process that functions in the calibrated response of an organism to a poten
"The regulation of the levels, transport, and metabolism of calcium ions within a cell or between
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [evidence NAS]; The p
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence NAS]; The r
"Any process that activates or increases the frequency, rate or extent of addition of phosphate g
"Any process that activates or increases the frequency, rate or extent of addition of phosphate g
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8207080] [evide
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 86263
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis

"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 96328
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 94994

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9186513] [evidenc
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The chemical reactions and pathways involving superoxide, the superoxide anion O2- (superox
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
ding RNA."

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A change in state or activity of an organism (in terms of movement, secretion, enzyme producti
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
A defense response that is mediated by cells [goid 6968] [pmid 1373518] [evidence TAS]; Any s
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
"The series of events in which a stimulus from a bacterium is received and converted into a mol
Any immune system process that functions in the calibrated response of an organism to a poten
"The clustering and aggregation of membrane rafts at a single cellular pole during activation of p
Any process by which an organism has an effect on an organism of a different species [goid 44
Any immune system process that functions in the calibrated response of an organism to a poten
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any immune system process that functions in the calibrated response of an organism to a pote
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"Any process that activates or increases the frequency, rate, or extent of an inflammatory respor
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any immune system process that functions in the calibrated response of an organism to a poten

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1072
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1' a
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process involved in the activation of any of the steps of the classical pathway of the comple
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Any process that increases the concentration of calcium ions in the cytosol [goid 7204] [pmid 82
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process involved in the activation of any of the steps of the classical pathway of the comple
The attachment of one cell to another cell via adhesion molecules [goid 16337] [pmid 7544493]

"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o

"Any immune system process that functions in the calibrated response of an organism to a pote
"A process that directly activates any of the steps required for cell death by apoptosis [goid 691
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways resulting in the formation of prostaglandins, any of a grou
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process involved in the carrying out of an immune response by a T cell [goid 2456] [eviden
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 8478605] [evidenc
"Any immune system process that functions in the calibrated response of an organism to a pote
"The series of molecular signals generated as a consequence of a peptide neurotransmitter binc
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o

"The progression of biochemical and morphological phases and events that occur in a cell durin
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 936
"The process resulting in the physical partitioning and separation of a cell into daughter cells [go
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A pro
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 11139
"Progression through M phase, the part of the mitotic cell cycle during which mitosis takes place
"Progression through M phase, the part of the mitotic cell cycle during which mitosis takes place
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1088
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8248134] [evide
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 86662
The process resulting in the physical partitioning and separation of a cell into daughter cells [goi
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The directed movement of the nucleus [goid 7097] [evidence IEA]; Any series of molecular sign
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; A pro

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 15194684] [evi
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwor
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A series of molecular signals within the cell that are mediated by a member of the Rho family o
"A cascade of protein kinase activities, culminating in the phosphorylation and activation of a me
"The process whereby phagocytes engulf external particulate material. The particles are initially
"The process whereby phagocytes engulf external particulate material. The particles are initially
"A signal transduction based surveillance mechanism that prevents the initiation of mitosis until
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A signal transduction based surveillance mechanism that prevents the initiation of mitosis until
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 15837422] [evid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The progression of biochemical and morphological phases and events that occur in a cell durin

The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 1653904] [evide
"Progression through S phase, the part of the mitotic cell cycle during which DNA synthesis take

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Progr
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 75929
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 75929
mRNA."
"The process whose specific outcome is the progression of the brain over time, from its formatio
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [evidence IS
"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 75338

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 1639063] [evide
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 10208428] [evid
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm

"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 80785
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 80018
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 87418
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 82427

"The chemical reactions and pathways resulting in the formation of amino acids containing sulfu

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"A signal transduction based surveillance mechanism that prevents the initiation of mitosis until
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The process o
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
script variant 1, mRNA."
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The embryonically driven process whose specific outcome is the progression of the placenta ov
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the liver over time, from its formation
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

RNA."
"The chemical reactions and pathways resulting in the breakdown of cholesterol, cholest-5-en-3
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Coordinated organization of groups of cells in the plane of an epithelium, such that they all orie
"The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

"Progression through metaphase, the stage of mitosis at which chromosomes are firmly attache
"Progression through G2 phase, one of two 'gap' phases in the mitotic cell cycle; G2 is the interv
"A process that is carried out at the cellular level which results in the formation, arrangement of
The establishment of the sex of an organism by physical differentiation [goid 7548] [pmid 89213
"The 'de novo' formation of a microtubule, in which tubulin heterodimers form metastable oligom
"Any process that activates or increases the frequency, rate or extent of transcription from the R

Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The progression of biochemical and morphological phases and events that occur in a cell durin

"Progression through the phases of the mitotic cell cycle, the most common eukaryotic cell cycle
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10608765] [eviden
"The chemical reactions and pathways involving ceramides, any N-acylated sphingoid [goid 667
"The initiation of the activity of the inactive enzyme protein kinase C as the result of a series of r
"The chemical reactions and pathways resulting in the breakdown of substances, including the b

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proce
"The biological process whose specific outcome is the progression of a multicellular organism ov
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 1374388] [evidence
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
Any process involved in the activation of any of the steps of the alternative pathway of the comp
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two c

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A proces
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

ınt 5, mRNA."

mRNA."
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th

"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Dynamic struct
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis

"The chemical reactions and pathways involving alcohols, any of a class of compounds containi
"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in
"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor

The process that modulates the force with which blood travels through the circulatory system. Tl

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of phosphatidylcholines, any of
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any process that modulates the frequency, rate, or extent of receptor recyling [goid 1919] [evid
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The process whose specific outcome is the progression of the muscle over time, from its forma
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1089
Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle.
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Any process that activates, maintains or increases the frequency, rate or extent of heart contra
"The maintenance of membrane composition in a postsynaptic membrane, the specialized area
"The chemical reactions and pathways involving polysaccharides, a polymer of more than 10 m
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

15), mRNA."
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving polysaccharides, a polymer of more than 10 m
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
Any immune system process that functions in the calibrated response of an organism to a poter
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The repair of double-strand breaks in DNA via homologous and nonhomologous mechanisms t
Any series of molecular signals generated as a consequence of an integrin binding to one of its
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
RNA."
"A form of programmed cell death induced by external or internal signals that trigger the activity
A."
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that stops, prevents or reduces the frequency, rate or extent of insulin-like growth
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of cellular respiration, the enzymatic r
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 9465
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any cellular process that results in the specification, formation or maintenance of polarized mic
"The chemical reactions and pathways involving creatine (N-(aminoiminomethyl)-N-methylglycin
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The chemical reactions and pathways involving creatine (N-(aminoiminomethyl)-N-methylglycin
rial protein, mRNA."
"The chemical reactions and pathways involving creatine (N-(aminoiminomethyl)-N-methylglycin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 22274
"A process that results in a parallel arrangement of microtubules [goid 1578] [pmid 12837247] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of microtubule depoly

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process by which STAT proteins (Signal Transducers and Activators of Transcription) are a
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of chloride into, out of, within or between cells [goid 6821] [evidence IE
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of chloride into, out of, within or between cells [goid 6821] [evidence IE
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of chloride into, out of, within or between cells [goid 6821] [evidence IE
"The directed movement of chloride into, out of, within or between cells [goid 6821] [evidence IE
"The directed movement of chloride into, out of, within or between cells [goid 6821] [evidence IE
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The attachment of one cell to another cell via adhesion molecules that do not require the preser
"The aggregation, arrangement and bonding together of a set of components to form a protein c
The attachment of one cell to another cell via adhesion molecules that do not require the preser
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
The attachment of one cell to another cell via adhesion molecules that do not require the preser
The attachment of one cell to another cell via adhesion molecules that do not require the preser
The attachment of one cell to another cell via adhesion molecules that do not require the preser

The set of specific processes that generate the ability of an organism to cause disease in anothe
The attachment of one cell to another cell via adhesion molecules that do not require the preser
The attachment of one cell to another cell via adhesion molecules that do not require the preser

A type of vesicle-mediated transport in which cells take up external materials or membrane cons
Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid 1

Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on

"Any immune system process that functions in the calibrated response of an organism to a pote
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
A type of vesicle-mediated transport in which cells take up external materials or membrane cons

Any immune system process that functions in the calibrated response of an organism to a poten
"The series of events in which a stimulus from a yeast is received and converted into a molecula

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
A type of vesicle-mediated transport in which cells take up external materials or membrane cons
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughte
\."

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

"The fusion of an autophagic vacuole with a vacuole (yeast) or lysosome (e.g. mammals and ins
"Any process that reduces the pH of the lysosomal lumen, measured by the concentration of the
"The chemical reactions and pathways involving ceramide oligosaccharides carrying in addition
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci

"The chemical reactions and pathways involving aromatic compounds, any organic compound c
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of lipopolysaccharides, any of a

ɹene encoding mitochondrial protein, mRNA."

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a

"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"Any process that modulates the frequency, rate or extent of signal transduction [goid 9966] [evi
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any immune system process that functions in the calibrated response of an organism to a pote
mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways resulting in the formation of substances; typically the ene

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"The directed movement of substances within the Golgi, mediated by small transport vesicles. T
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances within the Golgi, mediated by small transport vesicles. T
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

The attachment of one cell to another cell via adhesion molecules [goid 16337] [pmid 9427527]
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of the skeleton over time, from its form

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"A process that directly activates any of the steps required for cell death by apoptosis [goid 691
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that determines the size and arrangement of collagen fibrils within an extracellular
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of one cell to another cell via adhesion molecules [goid 16337] [pmid 2019595]
"The process whose specific outcome is the progression of the skeleton over time, from its form

"The chemical reactions and pathways resulting in the breakdown of acetylcholine that occurs in

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription [goid

"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways involving any of a group of physiologically important biog

"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
), mRNA."
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
Any process by which an organism has an effect on an organism of a different species [goid 44

7A), mRNA."
7B), mRNA."
), transcript variant 1, mRNA."
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
A."

"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The chemical reactions and pathways resulting in the formation of ubiquinone, a lipid-soluble el
"The chemical reactions and pathways involving aromatic compounds, any organic compound c
"The chemical reactions and pathways resulting in the formation of ubiquinone, a lipid-soluble el
"The chemical reactions and pathways resulting in the formation of ubiquinone, a lipid-soluble el
"The process by which a phagosome, a vesicle formed by phagocytosis, fuses with a lysosome

"The process whereby phagocytes engulf external particulate material. The particles are initially
"The chemical reactions and pathways resulting in the formation of glutamine, 2-amino-4-carbar
"A process that is carried out at the cellular level which results in the formation, arrangement of

"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The division of a mitochondrion within a cell to form two or more separate mitochondrial compa
"The process of gaseous exchange between an organism and its environment. In plants, microc
COX11P) on chromosome 6."
JA."
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
JA."
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst

al protein, mRNA."
"The process of gaseous exchange between an organism and its environment. In plants, microc
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
encoding mitochondrial protein, mRNA."
rial protein, mRNA."
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The chei
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 2708524] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence NAS]; The moc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa

"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
Any process involved in maintaining the structure and integrity of a protein and preventing it fron
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
ant 1, mRNA."
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary small nuclear RNA (snRNA) transcript into a
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The atta
"Any process that stops, prevents or reduces the frequency, rate or extent of complement activa
"Any process involved in the activation of any of the steps of the classical pathway of the comple
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The case

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of A
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that activates or increases the frequency, rate or extent of BMP signaling pathway
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [evide
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The phosphorylation by a protein of one or more of its own amino acid residues, or residues on

"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein ap
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
nRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The series of events required for an organism to receive a visual stimulus, convert it to a molec

"The chemical reactions and pathways involving fatty acids, aliphatic monocarboxylic acids liber
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"The chemical reactions and pathways involving carboxylic acids, any organic acid containing or

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
e) (CSF2RA), transcript variant 6, mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The elongation of dermatan sulfate proteoglycan chains by alternate addition of N-acetylhexosa
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 1945408] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9403068] [evid
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
non-coding RNA."
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The reorganization or renovation of existing blood vessels [goid 1974] [pmid 10545518] [eviden
"The process whose specific outcome is the progression of the epidermis over time, from its forn
Any immune system process that functions in the calibrated response of an organism to a poten

"Any process that stops or reduces the rate of peptidase activity, the hydrolysis of peptide bonds
"Locomotory behavior in a fully developed and mature organism [goid 8344] [evidence IEA]; Any
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 976
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
natase 2 (CTDSP2), mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
natase like 2 (CTDSPL2), mRNA."
"The condensation of mesenchymal cells that have been committed to differentiate into chondrc
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]
"The chemical reactions and pathways resulting in the formation of amino acids, organic acids c

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways resulting in the formation of a pyrimidine nucleotide, a cc
R9), mRNA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9065485] [evidenc
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 3463996] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any immu
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9822672] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 2569462] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 2849458] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 1373132] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any immu
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9642240] [evidence

2, mRNA."

"A homeostatic process involved in the maintenance of an internal equilibrium within a defined ti

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Selection of a splice site by components of the assembling spliceosome [goid 6376] [evidence
"Selection of a splice site by components of the assembling spliceosome [goid 6376] [evidence

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8681378] [evide
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8681378] [evide
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 8681378] [evide

NA."
"The regulation of the levels, transport, and metabolism of copper ions [goid 55070] [evidence IE
1, mRNA."
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
NA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"A process that is carried out at the cellular level which results in the formation, arrangement of
g RNA."
"Any immune system process that functions in the calibrated response of an organism to a pote
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10741397] [eviden
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 1425907] [evidenc
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of Wnt receptor signa

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The chemical reactions and pathways resulting in the formation of sterols, steroids with one or
"The chemical reactions and pathways resulting in the formation of sterols, steroids with one or
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The series of events in which an oxygen stimulus is received by a cell and converted into a mol

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome

"The chemical reactions and pathways resulting in the formation of C21-steroid hormones, sterc
"The process of removal or addition of one or more electrons with or without the concomitant re
The process of removal or addition of one or more electrons with or without the concomitant rem
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
The process of removal or addition of one or more electrons with or without the concomitant rem
"The process whose specific outcome is the progression of the central nervous system over time
"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem

"The chemical reactions and pathways involving vitamin D, a fat soluble vitamin that contributes
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The process of removal or addition of one or more electrons with or without the concomitant rem
"The process of removal or addition of one or more electrons with or without the concomitant rem
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
The process of removal or addition of one or more electrons with or without the concomitant rem
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

56E), mRNA."
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
, transcript variant 2, mRNA."
"A process that is carried out at the cellular level which results in the formation, arrangement of
The biological process whose specific outcome is the progression of a multicellular organism ov
A."
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The process by which the anatomical structures of an epithelial sheet are generated and organ
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The synthesis of aminoacyl tRNA by the formation of an ester bond between the 3'-hydroxyl gro
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10629061] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10376525] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10356987] [evi
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 10
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The process of coupling aspartate to aspartyl-tRNA, catalyzed by aspartyl-tRNA synthetase. In
"The process of coupling aspartate to aspartyl-tRNA, catalyzed by aspartyl-tRNA synthetase. In
"A cell cycle process that results in the division of the cytoplasm of a cell after mitosis, resulting
"The biological process whose specific outcome is the progression of a multicellular organism ov

"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 10373557] [evid
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshworl
cript variant 1, mRNA."
cript variant 3, mRNA."
A type of vesicle-mediated transport in which cells take up external materials or membrane cons
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Splicing of RNA via a series of two transesterification reactions [goid 375] [pmid 10982890] [evi
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A seri
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The chemical reactions and pathways involving a pyrimidine nucleotide, a compound consisting
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughter
"Any cellular process that depends upon or alters the microtubule cytoskeleton, that part of the c
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two c

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
UN1D3), mRNA."
UN1D4), mRNA."
UN1D5), mRNA."
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of arginine, 2-amino-5-(carba

"The chemical reactions and pathways resulting in the breakdown of arginine, 2-amino-5-(carba
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 12
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble i
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction

"The glycosylation of a nitrogen atom of a free alpha amino terminal of a peptide [goid 6496] [pm
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The chemical reactions and pathways resulting in the formation of melanin from other compour

"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein ap

"The cell cycle process whereby replicated homologous chromosomes are organized and then p
Any process involved in the conversion of one or more primary RNA transcripts into one or more

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 104289

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"Assembly of a spliceosomal complex containing the intact pre-mRNA and all of the spliceosom
"The chemical reactions and pathways involving RNA, ribonucleic acid, one of the two main type

nitochondrial protein, mRNA."
JA."
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process by which an organism has an effect on an organism of a different species [goid 44

The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
JA."

JA."

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r

JA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
NA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

A series of reactions within the cell that occur as a result of a single trigger reaction or compoun

Reactions triggered in response to the presence of a bacterium that act to protect the cell or org

Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process preceding formation of the peptide bond between the first two amino acids of a pro
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The chemical reactions and pathways resulting in the breakdown of unfolded or misfolded prote
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm
"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

"The chemical reactions and pathways involving triacylglycerol, any triester of glycerol. The thre
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

Any process involved in the conversion of a primary microRNA transcript into a pre-microRNA m
The initiation of the activity of the inactive enzyme protein kinase C as the result of a series of m
"The series of molecular signals generated as a consequence of an epidermal growth factor rec
"The initiation of the activity of the inactive enzyme protein kinase C as the result of a series of r
The initiation of the activity of the inactive enzyme protein kinase C as the result of a series of m
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of glycine, aminoethanoic acid
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc
"The chemical reactions and pathways resulting in the formation of pyrimidine bases, 1,3-diazine
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
"The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

A."

A."
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
DHX40), mRNA."
Innate immune responses are defense responses mediated by germline encoded components t
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

The covalent alteration of one or more nucleotides within an rRNA molecule to produce an rRNA
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 98747

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

The biological process whose specific outcome is the progression of a multicellular organism ov

The biological process whose specific outcome is the progression of a multicellular organism ov

"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra

'

P686C2281), mRNA."

RNA."
6O1327), mRNA."

."
."
1), mRNA."
."
The process by which anatomical structures are generated and organized. Morphogenesis perta
"The chemical reactions and pathways resulting in the formation of acetyl-CoA, a derivative of c
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c

"Any process by which a protein is transported to, or maintained in, a specific location [goid 810

"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"Steps required to form an initiated synaptic vesicle into a fully formed and transmissible synapti
iant 3, mRNA."
"Progression through M phase, the part of the mitotic cell cycle during which mitosis takes place

"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
"The process whose specific outcome is the progression of the skeleton over time, from its form
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving DNA, deoxyribonucleic acid, one of the two ma

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

The process whereby new strands of DNA are synthesized. The template for replication can eith
"Cell motility due to movement of cilia or flagella [goid 1539] [pmid 9256245] [evidence NAS]; M
"Cell motility due to movement of cilia or flagella [goid 1539] [pmid 9256245] [evidence NAS]; M
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
mRNA."
1, mRNA."

2, mRNA."
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
Any process involved in the controlled movement of a cell [goid 6928] [pmid 9284741] [evidence
"The chemical reactions and pathways resulting in the breakdown of DNA, deoxyribonucleic acid
"The chemical reactions and pathways resulting in the breakdown of DNA, deoxyribonucleic acid
"The chemical reactions and pathways resulting in the breakdown of DNA, deoxyribonucleic acid

"The cleavage of DNA during apoptosis, which usually occurs in two stages: cleavage into fragm
"The chemical reactions and pathways resulting in the breakdown of DNA, deoxyribonucleic acic

"The characteristic movement of immature neurons from germinal zones to specific positions wh
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b

"A process that is carried out at the cellular level which results in the formation, arrangement of
"Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 7590285] [evide
A type of vesicle-mediated transport in which cells take up external materials or membrane cons
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid 6
"The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The cher
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The clustering and aggregation of membrane rafts at a single cellular pole during activation of p

"A process that is carried out at the cellular level which results in the formation, arrangement of

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The posttranslational modification of peptidyl-lysine to form hypusine, N6-(4-amino-2-hydroxybu
A series of molecular signals within the cell that are mediated by a member of the Ras superfam
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa

The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1' a

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of substances from the Golgi to early sorting endosomes. Clathrin vesi
"The directed movement of substances from the Golgi to early sorting endosomes. Clathrin vesi
"The alteration of DNA or protein in chromatin, which may result in changing the chromatin struc
"The chemical reactions and pathways resulting in the formation of dolichols, any 2,3-dihydropol

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome

"The posttranslational modification of peptidyl-histidine to 2'-(3-carboxamido-3-(trimethylammon
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of a glycosylphosphatidylinositc
"The chemical reactions and pathways resulting in the formation of a macromolecule, any molec
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10387075] [evidenc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 11012666] [evidenc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"

"The chemical reactions and pathways resulting in the breakdown of purine bases, one of the tw
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [pr
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The directed movement of substances into, out of or within a vacuole [goid 7034] [evidence IEA
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two d
mRNA."
"The chemical reactions and pathways resulting in the breakdown of D-amino acids, the dextror
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu

"A process that is carried out at the cellular level which results in the formation, arrangement of

"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
The series of molecular signals initiated by binding of an extracellular ligand to a Notch receptor
The series of molecular signals initiated by binding of an extracellular ligand to a Notch receptor

The series of molecular signals initiated by binding of an extracellular ligand to a Notch receptor
"The chemical reactions and pathways resulting in the formation of dTDP, deoxyribosylthymine
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 10
Any process involved in the conversion of one or more primary RNA transcripts into one or more
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 1148
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [evidence
Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 8107
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 920
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 796
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 7561
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 903
"The chemical reactions and pathways involving dUTP, deoxyuridine (5'-)triphosphate [goid 460
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The directed movement of a vesicle along a microtubule, mediated by motor proteins [goid 474
"Movement of organelles, other microtubules and other particles along microtubules, mediated b

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any cellular process that depends upon or alters the microtubule cytoskeleton, that part of the

"Any cellular process that depends upon or alters the microtubule cytoskeleton, that part of the c
"Movement of organelles, other microtubules and other particles along microtubules, mediated b

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 11980910] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 11311121] [evi
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]

"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that regulates transcription such that the target genes are transcribed during the G
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that regulates transcription such that the target genes are transcribed during the G
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process of coupling glutamate to glutamyl-tRNA, catalyzed by glutamyl-tRNA synthetase. I
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1042
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any immune system process that functions in the calibrated response of an organism to a pote
"An immune response mediated through a body fluid [goid 6959] [pmid 8551575] [evidence TAS
"The process of the formation of the constituents of the ribosome subunits, their assembly, and
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways involving sterols, steroids with one or more hydroxyl grou

"Any process that modulates the frequency, rate or extent of glycolysis [goid 6110] [pmid 99289
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc

"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process that gives rise to the mesoderm. This process pertains to the initial formation of th
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"A form of programmed cell death induced by external or internal signals that trigger the activity

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
RNA."
EDG4), mRNA."
"The process by which the hormones modulates the force of heart muscle contraction. A hormo
"Fusion of the membrane of a transport vesicle with its target membrane [goid 6906] [pmid 9697
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
NA."
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The successive addition of amino acid residues to a nascent polypeptide chain during protein b
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The incorporation of selenocysteine into a peptide; uses a special tRNA that recognizes the UG
mRNA."

"The sequential process by which the multiple coagulation factors of the blood interact, ultimatel

"The process whose specific outcome is the progression of the neurite over time, from its forma

"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
Any process that mediates the transfer of information from one cell to another [goid 7267] [pmid
Any process that mediates the transfer of information from one cell to another [goid 7267] [pmid
"The characteristic movement of cells from the dorsal ridge of the neural tube to a variety of loca
"The process whose specific outcome is the progression of the lymphatic vasculature over time,
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
RNA."
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"A type of vesicle-mediated transport in which cells take up external materials or membrane con

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
A process that directly activates any of the steps required for cell death by apoptosis [goid 6917]
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The synthesis of aminoacyl tRNA by the formation of an ester bond between the 3'-hydroxyl gro
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The process whose specific outcome is the progression of the ovarian follicle over time, from its
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The process whose specific outcome is the progression of the ovarian follicle over time, from its
"The process whose specific outcome is the progression of the ovarian follicle over time, from its
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The process preceding formation of the peptide bond between the first two amino acids of a pro
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p

"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome

"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [e

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"The series of molecular signals generated as a consequence of the insulin receptor binding to i
"The series of molecular signals generated as a consequence of the insulin receptor binding to i
"Any process that stops, prevents or reduces the frequency, rate or extent of translational initiati
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The chemical reactions and pathways involving RNA, ribonucleic acid, one of the two main type
"The chemical reactions and pathways involving RNA, ribonucleic acid, one of the two main type
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 946506
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process that modulates the frequency, rate, or extent of production of a cytokine [goid 181
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The expansion of a natural killer cell population by cell division [goid 1787] [evidence ISS]; The
FN2), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The internalization of bacteria, immune complexes and other particulate matter or of an apopto
"The process whereby phagocytes engulf external particulate material. The particles are initially
"The process whereby phagocytes engulf external particulate material. The particles are initially
"The process whereby phagocytes engulf external particulate material. The particles are initially
"The process whereby phagocytes engulf external particulate material. The particles are initially

"The developmental sequence of events leading to the formation of adult muscle that occurs in t
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greater
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
The elongation of a fatty acid chain by the sequential addition of two-carbon units [goid 30497] [
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
ıRNA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The seri

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any cellu
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process whose specific outcome is the progression of the brain over time, from its formatio

The directed movement of substances within a cell [goid 46907] [evidence IEA]
"The deposition of calcium phosphate in bone tissue [goid 30282] [evidence NAS]; The process
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

A."

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The chemical reactions and pathways resulting in the breakdown of ATP, adenosine 5'-triphosp
: 2, mRNA."
"The chemical reactions and pathways resulting in the breakdown of UDP, uridine (5'-)diphospha
), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the blastocyst over time, from its for
"The alteration of DNA or protein in chromatin, which may result in changing the chromatin struc
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
, mRNA."
"The process whose specific outcome is the progression of the axial mesoderm over time, from
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

The binding of a cell to the extracellular matrix via adhesion molecules [goid 7160] [evidence IEA
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways involving dioxygen (O2), or any of the reactive oxygen sp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo

A type of vesicle-mediated transport in which cells take up external materials or membrane cons
A type of vesicle-mediated transport in which cells take up external materials or membrane cons
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

."
"The process of coupling glutamate to glutamyl-tRNA, catalyzed by glutamyl-tRNA synthetase. I
"The series of molecular signals generated as a consequence of an epidermal growth factor rec
A type of vesicle-mediated transport in which cells take up external materials or membrane cons
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The prot

"Any immune system process that functions in the calibrated response of an organism to a pote
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 12
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
nscript variant 1, mRNA."
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Oxidation of two organic sulfhydryl groups (thiols) by a disulfide compound to form a disulfide b

"The regulated release of proteins from a cell or group of cells [goid 9306] [evidence IEA]; The p

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of translational termination [goid 6449
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
protein, mRNA."
"The chemical reactions and pathways resulting in the formation of phosphatidylethanolamine, a
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the embryo in the uterus over time, f

"The progression of biochemical and morphological phases and events that occur in a cell durin
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwork
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr

"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one c
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one c
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"The chemical reactions and pathways involving N-acetylglucosamine. The D isomer is a comm
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Process by which cytoskeletal filaments are directly or indirectly linked to the plasma membran
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The seq
"The series of events leading to growth of connective tissue when loss of tissues that are incapa
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways involving fatty acids, aliphatic monocarboxylic acids liber
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The selective interaction of the transcription factor NF-kappaB with specific molecules in the cy

"The chemical reactions and pathways resulting in the breakdown of arginine, 2-amino-5-(carba
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that stops, prevents or reduces the frequency, rate or extent of cell death by apopt
"A form of programmed cell death induced by external or internal signals that trigger the activity
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916

mRNA."

RNA."

1, mRNA."

ding RNA."
coding RNA."
mRNA."
mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

A."

mRNA."
mRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

mRNA."

mRNA."
mRNA."

RNA."
RNA."

2, mRNA."
1, mRNA."

XM_934541 XM_934544 XM_942148 XM_945748 XM_945749 XM_945750 XM_945751 XM_9

mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

1, mRNA."

mRNA."

mRNA."

mRNA."

mRNA. XM_944464 XM_944467 XM_944470"

mRNA."
ıg RNA."
M19A5), transcript variant 1, mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The regulated release of proinsulin from secretory granules (B granules) in the B cells of the pan
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

RNA."
RNA."

RNA."
, mRNA."
), mRNA."
RNA."

"The biological process whose specific outcome is the progression of a multicellular organism ov

'

(FAM7A1), mRNA."
(FAM7A3), mRNA."
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage

RNA."
mRNA."
RNA."

RNA."

RNA."
RNA."
RNA."
l90A2P), misc RNA."
l90A6P), mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"The developmentally regulated remodeling of neuronal projections such as pruning to eliminate
"The process of coupling phenylalanine to phenylalanyl-tRNA, catalyzed by phenylalanyl-tRNA s
"The process of coupling phenylalanine to phenylalanyl-tRNA, catalyzed by phenylalanyl-tRNA s

"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any immune system process that functions in the calibrated response of an organism to a pote
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity

"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
Any process by which an organism has an effect on an organism of a different species [goid 44

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10531035] [evider
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10531035] [evider
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 16
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10531035] [evider
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
Any immune system process that functions in the calibrated response of an organism to a poten
"Any process that activates or increases the frequency, rate or extent of type IIa hypersensitivity
"Any process that activates or increases the activity of the enzyme nitric-oxide synthase [goid 51
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Any immune system process that functions in the calibrated response of an organism to a pote
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

Any process that mediates the transfer of information from one cell to another [goid 7267] [pmid

Any immune system process that functions in the calibrated response of an organism to a poten

"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir

"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 6183005] [evid
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The initiation of the activity of the inactive enzyme MAP kinase kinase by phosphorylation by a
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid 9

"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The close range interaction of two or more cells or tissues that causes them to change their fat
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence N
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the muscle over time, from its forma
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

The series of molecular signals generated as a consequence of a fibroblast growth factor recept

"The chemical reactions and pathways involving ATP, adenosine triphosphate, a universally imp

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The division of a mitochondrion within a cell to form two or more separate mitochondrial compa

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The chemical reactions and pathways resulting in the formation of glycoproteins, any protein th

"The process whose specific outcome is the progression of nervous tissue over time, from its for
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

M_934544 XM_942148 XM_945748 XM_945749 XM_945750 XM_945751 XM_945752 XM_945

RNA."

RNA."

LJ22447), mRNA."
RNA."

RNA."

55759, transcript variant 1 (FLJ30428), mRNA."

RNA."

isc RNA."

NA."
RNA."
M_935547 XM_935835 XM_935837 XM_935840 XM_935841 XM_935843 XM_935844 XM_937

dies (FLJ40330), misc RNA."

RNA."
Calcium transport inhibitor) (FLJ41047), mRNA."

cript variant 2 (FLJ42562), mRNA."

RNA."

Any immune system process that functions in the calibrated response of an organism to a poten

), mRNA."
7644), mRNA."

"The process whose specific outcome is the progression of nervous tissue over time, from its fo
"Process by which cytoskeletal filaments are directly or indirectly linked to the plasma membran

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving a xenobiotic compound, a compound foreign to
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The aggregation, arrangement and bonding together of a ligand-bound type II transforming gro

"A type of vesicle-mediated transport in which cells take up external materials or membrane con
A type of vesicle-mediated transport in which cells take up external materials or membrane cons

"Any process that activates or increases the frequency, rate or extent of adipocyte differentiation

The covalent attachment of a prenyl moiety to a protein amino acid [goid 18346] [evidence IEA];
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [e
"The directed movement of folic acid (pteroylglutamic acid) into, out of, within or between cells. I
"The directed movement of folic acid (pteroylglutamic acid) into, out of, within or between cells. I
"The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A cellular homeostatic process involved in the maintenance of an internal equilibrium of glucose
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Tolerance induction in the central lymphoid organs: the thymus and bone marrow [goid 2508] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1052
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents, or reduces the frequency, rate, or extent of T cell cytokine pr
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The process of removal or addition of one or more electrons with or without the concomitant rem
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The series of molecular signals initiated by binding of Wnt protein to a frizzled family receptor or
"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7696183] [evid

"The chemical reactions and pathways resulting in the breakdown of histidine, 2-amino-3-(1H-im
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep

"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
us) (FSCN3), mRNA."
"The progression of biochemical and morphological phases and events that occur in a cell durin

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of BMP signaling pat

"The directed movement of iron (Fe) ions into, out of, within or between cells [goid 6826] [evider

"The directed movement of iron (Fe) ions into, out of, within or between cells [goid 6826] [evider
"The establishment of an organism's body plan or part of an organism with respect to the left an
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
JA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The proteolytic removal of a signal peptide from a protein during or after transport to a specific
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The regulation of the levels, transport, and metabolism of iron ions within a cell or between a ce
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"Coordinated organization of groups of cells in a tissue, such that they all orient to similar coordi
"Coordinated organization of groups of cells in the plane of an epithelium, such that they all orie
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
"Coordinated organization of groups of cells in a tissue, such that they all orient to similar coordi
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The decrease in blood vessel diameter as a result of the release of angiotensin into the blood s

"Any process that modulates the extent of heart contraction, changing the force with which bloo
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

The process whereby a relatively unspecialized monocyte acquires the specialized features of a
"A process that is carried out at the cellular level which results in the formation, arrangement of

"The directed movement of substances within the Golgi, mediated by small transport vesicles. T
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the formation of succinate from glutamate. A
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase acti
"Any process that initiates the activity of the inactive enzyme MAP kinase kinase kinase [goid 18
"Any process that initiates the activity of the inactive enzyme MAP kinase kinase kinase [goid 18
"The progression of biochemical and morphological phases and events that occur in a cell durin

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The chemical reactions and pathways involving the nonmetallic element sulfur or compounds th
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving galactose, the aldohexose galacto-hexose. D-g
"The chemical reactions and pathways involving galactose, the aldohexose galacto-hexose. D-g
"The chemical reactions and pathways involving galactose, the aldohexose galacto-hexose. D-g
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid
erase 11 (GalNAc-T11) (GALNT11), mRNA."
erase 12 (GalNAc-T12) (GALNT12), mRNA."
erase 14 (GalNAc-T14) (GALNT14), mRNA."
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid
erase-like 1 (GALNTL1), mRNA."
erase-like 4 (GALNTL4), mRNA."
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"The chemical reactions and pathways involving galactose, the aldohexose galacto-hexose. D-g
"The chemical reactions and pathways resulting in the formation of creatine (N-(aminoiminometh
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process that modulates the frequency, rate or extent of the growth of all or part of an orgar

"The chemical reactions and pathways involving glucose, the aldohexose gluco-hexose. D-glucc

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"Any process that modulates the frequency, rate or extent of small GTPase mediated signal trar
"The process of coupling glycine to glycyl-tRNA, catalyzed by glycyl-tRNA synthetase. In tRNA a
"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compc
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the ability of the translational apparatus to interpret the genetic coc
"The chemical reactions and pathways resulting in the formation of creatine (N-(aminoiminometh

"The chemical reactions and pathways involving carbohydrates, any of a group of organic compc
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving carbohydrates, any of a group of organic compc
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compc
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The joining of two lipid bilayers to form a single membrane [goid 6944] [pmid 1530588] [evidenc
"The chemical reactions and pathways involving amino acids, organic acids containing one or m

The process of removal or addition of one or more electrons with or without the concomitant rem

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways resulting in the breakdown of GTP, guanosine triphospha
"The chemical reactions and pathways resulting in the formation of nitric oxide, nitrogen monoxi
"The chemical reactions and pathways involving cysteine, 2-amino-3-mercaptopropanoic acid [g
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid

"The chemical reactions and pathways resulting in the formation of glycosaminoglycans, any of

"The chemical reactions and pathways resulting in the breakdown of glycine, aminoethanoic aci
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
iant 1, mRNA."

"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The process whose specific outcome is the progression of the skeleton over time, from its form

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
Any immune system process that functions in the calibrated response of an organism to a poten
The formation and assembly from one or more snRNA and multiple protein components of a rib
"The formation and assembly from one or more snRNA and multiple protein components of a rib
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
The formation and assembly from one or more snRNA and multiple protein components of a rib
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"Any process that regulates transcription such that the target genes are transcribed during the G
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways involving fructose 6-phosphate, also known as F6P. The
The series of molecular signals generated as a consequence of a transmembrane receptor tyros
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways involving glutamine, 2-amino-4-carbamoylbutanoic acid [
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways resulting in the formation of glutathione, the tripeptide glu

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The series of molecular signals generated as a consequence of the insulin-like growth factor rec

"The process by which a segment of DNA is incorporated into another, usually larger, DNA mole
The process whereby new strands of DNA are synthesized. The template for replication can eith
The process whereby new strands of DNA are synthesized. The template for replication can eith
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"Any process that modulates the frequency, rate or extent of G-protein coupled receptor protein
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
Any process that mediates the transfer of information from one cell to another [goid 7267] [evide
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways resulting in the formation of the heparan sulfate proteogl
"The chemical reactions and pathways resulting in the breakdown of glycine, aminoethanoic aci
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The process whereby a relatively unspecialized cell acquires the specialized features of an oste
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Oxidation of two organic sulfhydryl groups (thiols) by a disulfide compound to form a disulfide b
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
"A process carried out by the nervous system that is required for the proper control of respirator
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
The chemical reactions and pathways resulting in the formation of substances; typically the ener
"The chemical reactions and pathways resulting in the formation of lipopolysaccharides, any of a

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
A."

"The directed movement of glycolipids, compounds containing (usually) 1-4 linked monosacchar
"The directed movement of glycolipids, compounds containing (usually) 1-4 linked monosacchar

"The chemical reactions and pathways involving amino acids, organic acids containing one or m

The process of introducing a phosphate group on to a protein [goid 6468] [pmid 16753811] [evic
"The chemical reactions and pathways resulting in the breakdown of ganglioside, a ceramide oli
"The biological process whose specific outcome is the progression of a multicellular organism o
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7598724] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7598724] [evide
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
The chemical reactions and pathways resulting in the formation of substances; typically the ene
The chemical reactions and pathways resulting in the formation of substances; typically the ene
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The process that regulates the coordinated growth and sprouting of blood vessels giving rise to
"The transfer, from NAD, of ADP-ribose to protein amino acids [goid 6471] [evidence IEA]; The
"The transfer, from NAD, of ADP-ribose to protein amino acids [goid 6471] [evidence IEA]; The
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving UDP-N-acetylglucosamine, a substance compo
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"An acute behavioral change resulting from a perceived external threat [goid 1662] [evidence IE

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process involved in the carrying out of an immune response by a T cell [goid 2456] [pmid 8
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of cell proliferation [goid 42127] [evide
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The proc
"The chemical reactions and pathways involving fatty acids, aliphatic monocarboxylic acids liber
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The process whereby segments assume individual identities; exemplified in insects by the actic
A."
"The chemical reactions and pathways resulting in the breakdown of glycosaminoglycans, any o

ng RNA."
"The directed movement of substances within the Golgi, mediated by small transport vesicles. T
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]; A pr

LGA8F), mRNA."
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
ncoding mitochondrial protein, mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
[goid 6507] [evidence IEA]

"The biological process whose specific outcome is the progression of a multicellular organism ov
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence IEA]; A char
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways resulting in the formation of eye pigments, any general o
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b

The series of molecular signals generated as a consequence of a G-protein coupled receptor bi

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process whose specific outcome is the progression of the neurite over time, from its formati
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 894
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The chemical reactions and pathways resulting in the formation of substances; typically the ener
"The process by which cytochrome c is enabled to move from the mitochondrial intermembrane
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that results in the specification, formation or maintenance of the physical structure
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A form of programmed cell death induced by external or internal signals that trigger the activity

A series of molecular signals within the cell that are mediated by a member of the Ras superfam
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Cascade of at least three protein kinase activities culminating in the phosphorylation and activat
nRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The elimination by an organism of the waste products that arise as a result of metabolic activity
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
mate binding) (GRINA), transcript variant 1, mRNA."
ript variant 2, mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9478965] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The hatching of the cellular blastocyst from the zona pellucida [goid 1835] [evidence IEA]; The
"The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The enzymatic addition of a sequence of 40-200 adenylyl residues at the 3' end of a eukaryotic
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE

"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The chemical reactions and pathways involving glycogen, a polydisperse, highly branched gluc
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 2511002] [evide
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The chemical reactions and pathways involving glutathione, the tripeptide glutamylcysteinylglyc
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving glutathione, the tripeptide glutamylcysteinylglyc

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving glutathione, the tripeptide glutamylcysteinylglyc

"The chemical reactions and pathways resulting in the breakdown of phenylalanine, 2-amino-3-p
The chemical reactions and pathways resulting in the formation of substances; typically the ener
"Any process involved in the assembly of the RNA polymerase complex at the promoter region c
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 75338
"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme

"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of 5S ribosomal RNA (rRNA), or an equivalent rRNA, from a DNA template [goid
"The synthesis of RNA on a template of DNA [goid 6351] [pmid 17409385] [evidence IDA]; The
"The synthesis of RNA on a template of DNA [goid 6351] [pmid 17409385] [evidence IC]; The s
"The synthesis of RNA on a template of DNA [goid 6351] [pmid 17409385] [evidence IC]; The s
"Any immune system process that functions in the calibrated response of an organism to a pote
"The process of the formation of the constituents of the ribosome subunits, their assembly, and

The covalent alteration of one or more nucleotides within a tRNA molecule to produce a tRNA m
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 17210

(GTSCR1), mRNA."
"Progression through G2 phase, one of two 'gap' phases in the mitotic cell cycle; G2 is the interv

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways resulting in the formation of cyclic GMP, guanosine 3',5'-
"The chemical reactions and pathways resulting in the formation of cyclic GMP, guanosine 3',5'-
"A series of molecular signals mediated by the detection of nitric oxide (NO) [goid 7263] [pmid 9
"The chemical reactions and pathways resulting in the formation of cyclic GMP, guanosine 3',5'-
"The chemical reactions and pathways resulting in the formation of cyclic GMP, guanosine 3',5'-
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The chemical reactions and pathways involving a purine nucleotide, a compound consisting of
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways resulting in the formation of glycogen, a polydisperse, hig
The cellular homeostatic process by which a muscle fiber is preserved in a stable functional or s
"The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1'
"The chemical reactions and pathways resulting in the formation of glycogen, a polydisperse, hig
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The ruptu
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The cell cycle process whereby chromatin structure is compacted prior to mitosis in eukaryotic
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Pathway by which 3-methyl branched fatty acids are degraded. These compounds are not degr
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
mRNA."
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
l protein, transcript variant 1, mRNA."

"The chemical reactions and pathways resulting in the breakdown of histidine, 2-amino-3-(1H-im
"The chemical reactions and pathways involving a xenobiotic compound, a compound foreign to
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The process of coupling histidine to histidyl-tRNA, catalyzed by histidyl-tRNA synthetase. In tRN

"Any process by which DNA and associated proteins are formed into a compact, orderly structur

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691

"Morphogenesis of an organ. An organ is defined as a tissue or set of tissues that work together
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
3, mRNA."
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 3496523] [evid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The modification of histones by removal of acetyl groups [goid 16575] [evidence IEA]; The synt
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [evidenc
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
mRNA."

"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

Any biological process in an organism that recur with a regularity of approximately 24 hours [goi

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Repression of transcription by methylation of DNA, leading to the formation of heterochromatin

The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid 6

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 10581
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any immune system process that functions in the calibrated response of an organism to a pote

"The chemical reactions and pathways resulting in the breakdown of phenylalanine, 2-amino-3-p
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The directed movement of proteins in a cell, including the movement of proteins between speci
The biological process whose specific outcome is the progression of a multicellular organism ov
"The process whose specific outcome is the progression of the liver over time, from its formation

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The process by which glucose is oxidized, coupled to NADPH synthesis. Glucose 6-P is oxidize
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

n-coding RNA."

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
The formation or destruction of chromatin structures [goid 6333] [pmid 9710638] [evidence TAS

"The chemical reactions and pathways involving inositol, 1,2,3,4,5,6-cyclohexanehexol, a growth
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"Any process that results in the specification, formation or maintenance of the physical structure

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways involving glucose, the aldohexose gluco-hexose. D-glucc
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
Any immune system process that functions in the calibrated response of an organism to a poten
01132736 XM_001132742 XM_001132747 XM_001132750 XM_001132753 XM_001132757 XM
"The process by which an antigen-presenting cell expresses a peptide antigen on its cell surface
The process by which an antigen-presenting cell expresses a peptide antigen on its cell surface
"The aggregation, arrangement and bonding together of a set of components to form a protein c
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
"The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
Any immune system process that functions in the calibrated response of an organism to a poten
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
Any immune system process that functions in the calibrated response of an organism to a poten
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
"The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
"The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
The process by which an antigen-presenting cell expresses antigen (peptide or polysaccharide)
), non-coding RNA."
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
The process by which an antigen-presenting cell expresses a peptide antigen on its cell surface
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"Any process that results in the specification, formation or maintenance of the physical structure
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

Any immune system process that functions in the calibrated response of an organism to a poten
ıRNA."
"[goid 6788] [evidence IEA]; A change in state or activity of a cell or an organism (in terms of mo
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
riant 1, mRNA."
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
ıromosome 10. XR_000879 XR_001292 XR_001293 XR_001294 XR_001295 XR_001296 XR_(
"A transition where an epithelial cell loses apical/basolateral polarity, severs intercellular adhesiv
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
ɔding RNA."
:PA1P4), mRNA."
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: 1, mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

t 2H9A, mRNA."
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Any process involved in the conversion of a primary mRNA transcript into one or more mature m
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"The series of molecular signals generated as a consequence of a metabotropic glutamate rece
The series of molecular signals generated as a consequence of glutamate binding to a cell surfa
The process of targeting specific proteins to particular membrane-bounded subcellular organelle
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The process whose specific outcome is the progression of the central nervous system over time
"The chemical reactions and pathways involving aromatic amino acid family, amino acids with a
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process of targeting specific proteins to particular membrane-bounded subcellular organell

"The chemical reactions and pathways involving proteoglycans, any glycoprotein in which the ca
"A type of vesicle-mediated transport in which cells take up external materials or membrane con

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 763433
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

"A process that directly activates any of the steps required for cell death by apoptosis [goid 691
"Any process that modulates the frequency, rate or extent of translational termination [goid 644

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s element MER12 repetitive element ;, mRNA sequence"

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DNA clone TC125227 5 similar to Homo sapiens LOC399828 (LOC387724), mRNA sequence"
)2711 O02711 PRO-POL-DUTPASE POLYPROTEIN ;, mRNA sequence"

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SW:EPA6_MOUSE Q62413 EPHRIN TYPE-A RECEPTOR 6 PRECURSOR ;, mRNA sequence"

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"Any process that mediates interactions between a cell and its surroundings. Encompasses inte

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the formation of glucocorticoids, hormonal C2
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of steroids, compounds with a
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways resulting in the formation of steroids, compounds with a
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greater
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of estrogens, C18 steroid horm
"The chemical reactions and pathways resulting in the formation of C21-steroid hormones, steroi
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The process of removal or addition of one or more electrons with or without the concomitant rem
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I

"Transport of substances into, out of or within a mitochondrion [goid 6839] [pmid 12526792] [evi
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

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"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10873535] [evider
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The process of coupling isoleucine to isoleucyl-tRNA, catalyzed by isoleucyl-tRNA synthetase.
"The process of coupling isoleucine to isoleucyl-tRNA, catalyzed by isoleucyl-tRNA synthetase.
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage

"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm

"The attachment of a leukocyte to another cell via adhesion molecules [goid 7159] [evidence IEA
The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA]
The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA]
The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA]
The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA];

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10699974] [evi
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"The process resulting in the release of a polypeptide chain from the ribosome, usually in respor
"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence IEA]; Any pr
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
A."

"The process by which an antigen-presenting cell expresses a peptide antigen of exogenous ori
"Any immune system process that functions in the calibrated response of an organism to a pote
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
Any immune system process that functions in the calibrated response of an organism to a poten
"The process by which cytochrome c is enabled to move from the mitochondrial intermembrane
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8

ant 1, mRNA."

"A process that is carried out at the cellular level which results in the formation, arrangement of
"The formation of a tube from the flat layer of ectodermal cells known as the neural plate. This w
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
2, mRNA."

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The series of molecular signals generated as a consequence of activation of the transmembrar
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"Any process that stops, prevents or reduces the frequency, rate or extent of the chemical reacti
"The process by which anatomical structures are generated and organized. Morphogenesis pert

"The process by which anatomical structures are generated and organized. Morphogenesis pert
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"The process whereby new strands of DNA are synthesized. The template for replication can eit
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten

"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

Any immune system process that functions in the calibrated response of an organism to a poten
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 11504738] [eviden
"The biological process whose specific outcome is the progression of a multicellular organism ov

Any immune system process that functions in the calibrated response of an organism to a poten

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of regulating the proliferation and elimination of B cells such that the total number
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10882136] [evi
"The process of regulating the proliferation and elimination of B cells such that the total number
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A change in state or activity of an organism (in terms of movement, secretion, enzyme producti

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi

"Any process that activates or increases the frequency, rate or extent of T cell mediated cytotoxi
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
"The expansion of a NK T cell population by cell division [goid 1866] [evidence IEA]; Any proces
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1081

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"An immune response which is associated with resistance to intracellular bacteria, fungi, and pro
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
Any immune system process that functions in the calibrated response of an organism to a poten
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"A defense response that is mediated by cells [goid 6968] [pmid 8332913] [evidence TAS]; The
"The sequential process by which the multiple coagulation factors of the blood interact, ultimatel

"The change in morphology and behavior of a natural killer cell in response to a cytokine, chemo

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process that activates or increases the frequency, rate, or extent of a T-helper 1 type immu
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"The process of apoptosis in activated T cells [goid 6924] [evidence IEA]; Any process that activ
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Any process that activates or increases the frequency, rate or extent of addition of phosphate g
"The chemical reactions and pathways involving aromatic amino acid family, amino acids with ar
"Any immune system process that functions in the calibrated response of an organism to a pote
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of apoptosis in neutrophils [goid 1781] [pmid 7595060] [evidence IDA]; Process in
"Any process that modulates the frequency, rate or extent of DNA recombination, a process by v
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Progression through M phase, the part of the cell cycle comprising nuclear division [goid 279] [p
"Branching of the ureteric bud [goid 1658] [evidence IEA]; The process of introducing a phospha
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of levorotatory isomer amino acids into, out of, within or between cells
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The clea
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p

"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo
"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The biological process whose specific outcome is the progression of a multicellular organism ov

"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
"The set of physiological processes that allow an embryo or foetus to develop within the body of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The addition of an acetyl group to a protein amino acid. An acetyl group is CH3CO-, derived fro

"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s

Any process involved in the conversion of a primary small nuclear RNA (snRNA) transcript into a
Any process involved in the conversion of a primary small nuclear RNA (snRNA) transcript into a
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Any process involved in the conversion of a primary small nuclear RNA (snRNA) transcript into a
Any process involved in the conversion of a primary small nuclear RNA (snRNA) transcript into a

"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
."
"Any process preventing the degeneration of the photoreceptor, a specialized cell type that is se

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9374458] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10383454] [evi
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that activates or increases the frequency, rate or extent of the chemical reactions
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving glucose, the aldohexose gluco-hexose. D-glucc
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The incorporation of iron and exogenous sulfur into a metallo-sulfur cluster [goid 16226] [eviden

The incorporation of iron and exogenous sulfur into a metallo-sulfur cluster [goid 16226] [eviden
"The process by which nitrogen is taken from its relatively inert molecular form (N2) in the atmos
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The hydrolysis of terminal 3',5'-phosphodiester bonds in one or two strands of deoxyribonucleo
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process of the formation of the constituents of the ribosome subunits, their assembly, and
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 9462

Any series of molecular signals generated as a consequence of an integrin binding to one of its

"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The reorganization or renovation of existing blood vessels [goid 1974] [evidence IEA]; The attac
"The aggregation, arrangement and bonding together of a set of components to form a junction
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10477596] [eviden
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence IEA]; The pr
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The aggregation, arrangement and bonding together of a set of components to form a junction
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving hyaluronan, the naturally occurring anionic form
"The chemical reactions and pathways involving hyaluronan, the naturally occurring anionic form
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A defe
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The chemical reactions and pathways involving myo-inositol phosphate, 1,2,3,4,5,6-cyclohexan
"The chemical reactions and pathways involving inositol, 1,2,3,4,5,6-cyclohexanehexol, a growth
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of charged atoms or small charged molecules into, out of, within or bet

ipt variant 1, mRNA."
"
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
The process of removal or addition of one or more electrons with or without the concomitant rem
"The synthesis of RNA from a DNA template by RNA polymerase III (Pol III), originating at a Pol

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The process whose specific outcome is the progression of the skeleton over time, from its form

"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"A form of programmed cell death induced by external or internal signals that trigger the activity

The attachment of one cell to another cell via adhesion molecules [goid 16337] [pmid 10779521

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
JHDM1D), mRNA."
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process whose specific outcome is the progression of the blood vessel over time, from its f

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The process whose specific outcome is the progression of the muscle over time, from its forma
Any process that increases the concentration of calcium ions in the cytosol [goid 7204] [evidenc
Self-propelled movement of a cell or organism from one location to another [goid 40011] [evider

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process whose specific outcome is the progression of the central nervous system over time

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The process of coupling lysine to lysyl-tRNA, catalyzed by lysyl-tRNA synthetase. In tRNA amir

"The characteristic movement of immature neurons from germinal zones to specific positions wh

"The process of targeting specific proteins to particular membrane-bounded subcellular organell

2, mRNA."
2, mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

NA."
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Any process that modulates the frequency, rate or extent of action potential creation, propagati
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
3), mRNA."
"A conserved series of molecular signals found in prokaryotes and eukaryotes; involves autopho
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The series of events in which a calcium ion stimulus is received by a cell and converted into a r
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The series of events in which a calcium ion stimulus is received by a cell and converted into a r
"The series of events in which a calcium ion stimulus is received by a cell and converted into a r
"The series of events in which a calcium ion stimulus is received by a cell and converted into a r
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
RNA."
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]

"The retention in the endoplasmic reticulum (ER) lumen of soluble resident proteins. Sorting rec
"The retention in the endoplasmic reticulum (ER) lumen of soluble resident proteins. Sorting rec
"The retention in the endoplasmic reticulum (ER) lumen of soluble resident proteins. Sorting rec

The process of removal or addition of one or more electrons with or without the concomitant rem
"The process whose specific outcome is the progression of the embryo in the uterus over time, f

51), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving RNA, ribonucleic acid, one of the two main type

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

_933445 XM_933447 XM_941971 XM_945589 XM_945591 XM_945592 XM_945593 XM_94559

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

"Transport of substances into, out of or within a mitochondrion [goid 6839] [pmid 16225668] [evi

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The biological process whose specific outcome is the progression of a multicellular organism ov

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A form of programmed cell death induced by external or internal signals that trigger the activity
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"Movement of organelles, other microtubules and other particles along microtubules, mediated b

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Any cellular process that depends upon or alters the microtubule cytoskeleton, that part of the c

(IR2DL5B), mRNA."
Any immune system process that functions in the calibrated response of an organism to a poten
A defense response that is mediated by cells [goid 6968] [pmid 7716543] [evidence TAS]
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

The directed movement of organelles or molecules along microtubules in nerve cell axons [goid

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a

"The specific movement from place to place of an organism in response to external or internal s
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence NAS]; The hyd
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10438493] [evidenc
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor or

"A defense response that is mediated by cells [goid 6968] [pmid 9683661] [evidence TAS]; The
"Any series of molecular signals generated as a consequence of binding to a C-type lectin recep
"The chemical reactions and pathways involving nicotinamide adenine dinucleotide (NAD), a coe
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA recombination, a process by v
"The directed movement of a protein from the cytoplasm to the nucleus [goid 6606] [evidence IE
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The directed movement of a protein bearing a nuclear localization signal (NLS) from the cytopla
"The directed movement of a protein bearing a nuclear localization signal (NLS) from the cytopla
"The directed movement of a protein bearing a nuclear localization signal (NLS) from the cytopla
"The directed movement of a protein from the cytoplasm to the nucleus [goid 6606] [evidence IE
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10099934] [eviden

The series of molecular signals initiated by binding of Wnt protein to a frizzled family receptor or

Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The process whose specific outcome is the progression of the epidermis over time, from its forr
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The progression of biochemical and morphological phases and events that occur in a cell durin

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"A form of programmed cell death induced by external or internal signals that trigger the activity

"A process that is carried out at the cellular level which results in the formation, arrangement of

"A process that is carried out at the cellular level which results in the formation, arrangement of

"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"The process whose specific outcome is the progression of the muscle over time, from its forma
"The chemical reactions and pathways resulting in the breakdown of tryptophan, the chiral amin
"The chemical reactions and pathways involving a specific protein, rather than of proteins in gen
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
pt variant 2, mRNA."

"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any immune system process that functions in the calibrated response of an organism to a poten
2, mRNA."
"Any process that modulates the frequency, rate or extent of attachment of a cell to another cell
"Branching of the ureteric bud [goid 1658] [evidence IEA]; The process by which the anatomical
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The chemical reactions and pathways involving glycogen, a polydisperse, highly branched gluca
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription [goid
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 1908238] [evidenc
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving N-acetylglucosamine. The D isomer is a comm
mRNA."
RNA."

Any process involved in the conversion of one or more primary RNA transcripts into one or more
RNA."
"The process of coupling leucine to leucyl-tRNA, catalyzed by leucyl-tRNA synthetase. In tRNA
"The process of coupling leucine to leucyl-tRNA, catalyzed by leucyl-tRNA synthetase. In tRNA

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the formation of lipids, compounds soluble in
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any immune system process that functions in the calibrated response of an organism to a pote
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 12853976] [evid
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 123

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"The process whose specific outcome is the progression of the epidermis over time, from its forr
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from
"The assembly of actin filament bundles; actin filaments are on the same axis but may be orient
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The biological process whose specific outcome is the progression of a multicellular organism o
"[goid 19642] [evidence IEA]; The chemical reactions and pathways involving carbohydrates, an
"[goid 19642] [evidence IEA]; The chemical reactions and pathways involving carbohydrates, an
The process of removal or addition of one or more electrons with or without the concomitant rem
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid
."
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
Reactions triggered in response to the presence of a bacterium that act to protect the cell or org

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The series of molecular signals generated as a consequence of a transforming growth factor be

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving glucose, the aldohexose gluco-hexose. D-glucc
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"The chemical reactions and pathways involving a specific protein, rather than of proteins in gen
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [pmi

"The process whose specific outcome is the progression of the skeleton over time, from its form
"A defense response that is mediated by cells [goid 6968] [pmid 8034587] [evidence TAS]; The
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
"The process whose specific outcome is the progression of nervous tissue over time, from its for
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process preceding formation of the peptide bond between the first two amino acids of a pro

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid 7
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The repair of single strand breaks in DNA. Repair of such breaks is mediated by the same enzy
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
Any immune system process that functions in the calibrated response of an organism to a poten
"Any immune system process that functions in the calibrated response of an organism to a pote
Any immune system process that functions in the calibrated response of an organism to a poten

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju
"Any process that stops, prevents or reduces the frequency, rate or extent of actin depolymeriza
Any immune system process that functions in the calibrated response of an organism to a poten
Progression of the cell from its inception to the end of its lifespan [goid 7569] [pmid 7517666] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 3420405] [evid
"The chemical reactions and pathways involving triacylglycerol, any triester of glycerol. The three
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble i
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Retaining the established polarization of a cell along its apical/basal axis [goid 35090] [evidence
"The progression of biochemical and morphological phases and events that occur in a cell durin

"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

A type of vesicle-mediated transport in which cells take up external materials or membrane cons

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The prog
"The process whose specific outcome is the progression of the muscle over time, from its forma

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The biological process whose specific outcome is the progression of a multicellular organism ov
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The last step in the formation of the neural tube, where the paired neural folds are brought toge

"The phosphorylation by a protein of one or more of its own amino acid residues, or residues on
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 8550619] [evidence
"The process of creating protein oligomers, compounds composed of a small number, usually b

."
RNA."

anscript variant 2, non-coding RNA."

03), mRNA."

128354), mRNA."

ɪ (LOC100128647), mRNA."

00128731), mRNA."

30 XM_001722014 XM_001722017 XM_001723592 XM_001723595"

ł), mRNA."
'

NA."

:R_039796"

RNA."

)130155), mRNA."

)130224), mRNA."

RNA."

-like 10, transcript variant 2 (LOC100130561), mRNA."
)130562), mRNA."

RNA."

RNA."

l), partial mRNA."

g B (yeast) (LOC100131128), mRNA."

0131330), mRNA."

ıRNA."

713), mRNA."
31716), mRNA."

containing 1 (LOC100131769), mRNA."

RNA."

endent) 1-like (LOC100132139), mRNA."

er 4 (LOC100132308), mRNA."

)132364), mRNA."

NA."

ant 1 (LOC100132565), mRNA."

5), mRNA."

)132716), mRNA."

)132742), mRNA."

endent) 1-like (LOC100132770), mRNA."

)132894), mRNA."

48), mRNA."

)133390), mRNA."

43), mRNA."

RNA."

RNA."
78), mRNA."
anscript variant 2 (LOC100133583), mRNA."

)133607), mRNA."
33609), mRNA."

, mRNA."

ain (LOC100133811), partial mRNA."

)133836), mRNA."

(LOC100133866), mRNA."
ithout TM domain), member 3 (LOC100133875), partial mRNA."
(LOC100133881), mRNA."
)C100133888), mRNA."

8), mRNA."

L1), mRNA."

)C100133930), mRNA."

)00), mRNA."

C100134052), mRNA."

(LOC100134100), mRNA."

ein (Fp) (LOC100134108), mRNA."

."

nRNA."

9), mRNA."
4199), partial mRNA."

)0134209), mRNA."

1), mRNA."

)0134291), mRNA."

0134303), partial mRNA."

4379), mRNA."
RNA."
mRNA."

RNA."

udogene (LOC100134667), mRNA."

74), mRNA."

RNA."

scle myosin light chain alkali 6) (Myosin light chain alkali 3) (Myosin light chain 3) (MLC-3) (LC17)
.), mRNA."
6767), mRNA."
n-like, ankyrin repeat and pleckstrin homology domains 1) (AGAP-1) (GTP-binding and GTPase-

3102), mRNA."

1) (UBF-1) (Autoantigen NOR-90) (LOC129870), mRNA."

!203), mRNA."

mRNA."
A."

e 6.
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

A."
11."

-inducible protein 1-8U) (LOC144383), mRNA."
.), mRNA."
3), mRNA."

y group nucleosome binding domain 2) (LOC148915), mRNA."

nRNA."

’), mRNA."

A."

), mRNA."

.), mRNA."

15), non-coding RNA."
220416), mRNA."

A."
nRNA."

NA."
RNA."
), mRNA."

mRNA."

)), mRNA."
."
protein HIP) (LOC283412), mRNA."

3), mRNA."

'), mRNA."

3), mRNA."

7; BC021928, transcript variant 1 (LOC284260), mRNA."

) (CAP) (Protease inhibitor 6) (PI-6) (Serpin B6) (LOC284293), mRNA."
.), mRNA."

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

3), mRNA."

ɔtion initiation factor TFIID 28 kDa subunit) (TAF(II)28) (TAFII-28) (TAFII28) (TFIID subunit p30-b

ement binding protein 107) (TAXREB107) (Neoplasm-related protein C140), transcript variant 3 (

nRNA."
.), mRNA."

3), mRNA."

'), mRNA."

LOC286528), mRNA."

misc RNA."

n, 47kDa, transcript variant 3 (LOC339799), mRNA."
304), mRNA."

e) (TrpRS) (IFP53) (hWRS) (LOC341112), mRNA."

NA."

e) (LOC341651), mRNA."

), mRNA."

mRNA."
RNA."

s), member 14 (LOC346887), mRNA."

ant 2, mRNA."

"

."

'753), mRNA."

a (LOC387820), mRNA."

eptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated

is-associated fatty acid-binding protein homolog) (PA-FABP) (LOC387934), mRNA."

matrix protein GM130), transcript variant 2 (LOC388080), mRNA."

'

5), mRNA."
LOC388259), mRNA."
tabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomera
A."

RNA."

"
A."

, mRNA."
C388681), mRNA."

"

"

mRNA."
OC388965), mRNA."

2), mRNA."

A."

"

C389293), mRNA."

), mRNA."

NA."
egion, candidate 2 (LOC389599), mRNA."

A."

"
eptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated

748), mRNA."

otein 1) (RanBP1) (LOC389842), mRNA."

Ku autoantigen protein p70) (Ku70) (70 kDa subunit of Ku antigen) (Thyroid-lupus autoantigen)
ein SC1/ECM2) (LOC389904), mRNA."

og B (LOC390298), miscRNA."

A."
IA."
, mRNA."
mRNA."
390547), mRNA."

(LOC390669), mRNA."

rm 1; serine/threonine protein phosphatase 2A, 48kDa regulatory subunit; PP2A, subunit B, PR4
2), mRNA."

C391037), mRNA."

ember 3 (Glucose transporter type 3, brain) (LOC391045), mRNA."

-1) (LOC391241), mRNA."

.se II) (LOC391322), mRNA."

7), mRNA."

ember (par-1) (LOC391574), mRNA."

(Keratin-18) (K18) (LOC391703), mRNA."

a subunit p50) (LOC391811), mRNA."

ein 2 (HCV NS2 trans-regulated protein) (NS2TP) (LOC392221), mRNA."

PMS2) (LOC392713), mRNA."

1 (LOC392843), mRNA."

mRNA."

.5 (LOC399815), misc RNA."

"

ıt 5 (LOC399942), mRNA."

OC400027), mRNA."

RNA."

ɔtif, 7 preproprotein (LOC400406), mRNA."

"

(Guanine nucleotide-binding protein 1) (HuGBP-1) (LOC400759) on chromosome 1.

A."

A."

cript variant 3 (LOC400954), mRNA."

002), mRNA."
)10), non-coding RNA."

15), mRNA."

"

ation of HIV-1 transcription (LOC401233), miscRNA."

OC401238), mRNA."

), mRNA."

402096), mRNA."

kDa) (AKAP 150) (cAMP-dependent protein kinase regulatory subunit II high affinity binding prot

NA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
er 4 (LOC402269), mRNA."
pE#1) (HMGE) (LOC402282), mRNA."
olypeptide 4 (LOC402377), mRNA."
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
er 4 (LOC402509), mRNA."
RNA."

402665), mRNA."
ule affinity-regulating kinase 2) (ELKL motif kinase) (EMK1) (PAR1 homolog) (LOC402679), mR

The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"

mRNA."

6, transcript variant 4 (LOC440335), mRNA."

ant 4 (LOC440341), mRNA."

RNA."
variant 2 (LOC440356), mRNA."

in) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inhibitor su

NA."

"

ectin; DTTR431, transcript variant 1 (LOC440508), mRNA."
lgin-67) (88 kDa Golgi protein) (Gm88 autoantigen) (LOC440518), mRNA."

mRNA."

A."
mRNA."

A."

"
mRNA."
ant 1 (LOC440895), mRNA."

timulation factor L subunit) (MSF L) (LOC440917), mRNA."

C440927), mRNA."

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
RNA."

61), mRNA."

79), misc RNA."
."

1), mRNA."

2 (LOC441253), mRNA."
ıriant 7 (LOC441282), mRNA."
47), mRNA."

A."

The series of molecular signals generated as a consequence of a G-protein coupled receptor bi

."
"

582), mRNA."

2), mRNA."

tial mRNA."

iatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X) (LOC441773), mRNA."

A."

mRNA."
otein-tyrosine phosphatase SYP) (SH-PTP2) (SHP-2) (Shp2) (LOC441868), mRNA."

L876), mRNA."

eavy chain 11) (LOC442057), mRNA."
75), mRNA."

inhibitor) (Ribonuclease 4 inhibitor) (RNS4I) (LOC442517), mRNA."

442535), mRNA."
C442572), mRNA."

RNA."

RNA."

RNA."

), misc RNA."
), mRNA."

), mRNA."

41788), mRNA."

like kinase 2) (PKU-alpha) (LOC641806), mRNA."
, mRNA."

r protein) (LOC641849), mRNA."

yl pyrophosphate synthetase II) (PRS-II) (LOC641958), mRNA."
), mRNA."
972), mRNA."

precursor (MHC class I antigen A*11), transcript variant 1 (LOC642049), mRNA."
ain precursor (MHC class I antigen DRB1*4) (DR-4) (DR4) (LOC642072), mRNA."

age inflammatory protein 1-beta) (MIP-1-beta) (MIP-1-beta(1-69)) (T-cell activation protein 2) (A
"
(LOC642104), mRNA."

)9), mRNA."
), mRNA."
"

in-UDP acetylgalactosaminyltransferase 9) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltra
C642153), mRNA."

LOC642161), mRNA."
C642168), mRNA."

), mRNA."
LOC642188), mRNA."

C642214), mRNA."

OC642250), mRNA."
omogentisate oxygenase) (Homogentisic acid oxidase), transcript variant 6 (LOC642252), mRNA
sferase) (ACAT-related gene product 1) (LOC642255), mRNA."

OC642267), mRNA."
iption factor 1) (HSTF 1), transcript variant 2 (LOC642269), mRNA."

r (Citrate transport protein) (CTP) (Tricarboxylate carrier protein) (Solute carrier family 25 membe

1 (LOC642312), mRNA."

gnition molecule Caspr3) (LOC642373), mRNA."

(LOC642393), mRNA."
A."

dependent formaldehyde dehydrogenase) (FDH), transcript variant 1 (LOC642443), mRNA."

precursor (LOC642502), mRNA."

nding transcription factor 3) (Oct-3) (Oct-4) (LOC642559), mRNA."

C642595), mRNA."

NOS) (iNOS) (Hepatocyte NOS) (HEP-NOS) (LOC642607), mRNA."

2 (LOC642678), mRNA."

ukodystrophy protein) (ALDP) (LOC642762), mRNA."

matrix protein GM130) (LOC642771), mRNA."

ng transcription factor) (Pur-1) (ZF87) (ZIF87) (LOC642773), mRNA."

mRNA."

subunit (CPSF 30 kDa subunit) (NS1 effector domain-binding protein 1) (Neb-1) (No arches hom

."

2A) (Template-activating factor I) (TAF-I) (Liver regeneration-related protein LRRGR00002) (LOC

isoform gamma (LOC642904), misc RNA."

RNA."
3), mRNA."

RNA."
5), mRNA."

isozyme B) (PGAM-B) (BPG-dependent PGAM 1), transcript variant 3 (LOC642969), mRNA."

tabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP) (LOC643033), r
35), mRNA."

), mRNA."

643171), mRNA."

.), mRNA."

."
A."

C643246), mRNA."

A."

RNA."

060) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix prote
mRNA."

mKSR1) (Hb protein) (LOC643331), mRNA."

, mRNA."

), mRNA."

in) (GRP94) (gp96 homolog) (Tumor rejection antigen 1) (LOC643430), mRNA."
), mRNA."
protein HIP), transcript variant 1 (LOC643433), mRNA."

A."

NA."

9), mRNA."

GDH) (Memory-related protein 2) (MRG-2) (LOC643580), mRNA."

."

(LOC643668), mRNA."

NA."

rmatitis (LOC643731), mRNA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o

gnition molecule Caspr3) (LOC643772), mRNA."
y group nucleosome-binding domain-containing protein 1) (LOC643790), mRNA."

336), mRNA."

g protein GST1-HS) (LOC643855), mRNA."

listamine-releasing factor) (HRF) (Fortilin) (LOC643870), mRNA."
y group nucleosome-binding domain-containing protein 2), transcript variant 3 (LOC643872), mR

3), mRNA."
me region 19; hypothetical LOC441257, transcript variant 2 (LOC643920), mRNA."
27), mRNA."

'), mRNA."

NA."
."
RNA."
A."
GDH) (Memory-related protein 2) (MRG-2) (LOC644011), mRNA."
644019), mRNA."

ssor QM) (Laminin receptor homolog) (LOC644039), mRNA."

), mRNA."
eavy chain 11) (LOC644056), mRNA."
3), mRNA."

"

644091), mRNA."

ıRNA."

'

-), mRNA."

"

NA."

)C644305), mRNA."
)), mRNA."
endent) 1-like, transcript variant 2 (LOC644311), mRNA."

variant 2 (LOC644322), mRNA."

ubunit (LOC644359), mRNA."
44360), mRNA."

cript variant 1 (LOC644380), mRNA."

) (NHE-3) (Solute carrier family 9 member 3) (LOC644412), mRNA."

ein 4) (HMG-4) (High mobility group protein 2a) (HMG-2a) (LOC644429), mRNA."

LOC644586), mRNA."

4591), mRNA."

orm beta (LOC644623), mRNA."
l), mRNA."

Dase II) (LOC644640), mRNA."

44655), mRNA."

C644679), mRNA."
)C644681), mRNA."

l), mRNA."

l732), mRNA."
5), mRNA."

SP-family protein member 4), transcript variant 1 (LOC644739), mRNA."

2 (LOC644763), mRNA."

)), mRNA."
ific transplantation 84 kDa antigen) (TSTA) (LOC644816), mRNA."

binding protein) (LOC644863), mRNA."

NA."

pha-2) (Procollagen-proline,2-oxoglutarate-4-dioxygenase alpha-2 subunit) (LOC645029), mRNA

45052), mRNA."
NA."
nscript variant 2 (LOC645070), mRNA."

nRNA."
mRNA."

cript variant 2 (LOC645208), mRNA."

."

iatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X) (LOC645287), mRNA."

ariant 1 (LOC645304), mRNA."
4 (LOC645306), mRNA."

."

iatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X) (LOC645325), mRNA."
oding RNA."

sin, alpha 4) (LOC645336), mRNA."

, mRNA."

85), mRNA."

tabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomera

in 1) (B cell signal transduction molecule alpha 4) (Alpha 4 protein) (NY-REN-16 antigen) (LOC6

A-chain) (Platelet-derived growth factor alpha polypeptide) (PDGF-1) (LOC645576), mRNA."
) (LOC645582), mRNA."
ubunit (LOC645590), mRNA."
nolog (LOC645620), mRNA."

45634), mRNA."

2) (LOC645669), mRNA."
), mRNA."

91), mRNA."

a (LOC645705), mRNA."

olgin-like protein), transcript variant 1 (LOC645752), mRNA."
RNA."

se 5 (LOC645799), mRNA."
precursor (LOC645812), mRNA."

A."

tic arrest deficient-like protein 1) (MAD1-like 1) (Mitotic checkpoint MAD1 protein-homolog) (HsM

r protein) (LOC645968), mRNA."

(LOC645983), mRNA."

."

protein) (LOC646012), mRNA."

mRNA."

mRNA."

ific transplantation 84 kDa antigen) (TSTA) (LOC646197), mRNA."

nRNA."

C646243), mRNA."

'8), miscRNA."

(Nampt) (Pre-B cell enhancing factor) (Pre-B-cell colony-enhancing factor 1) (LOC646309), mRI

ex, subunit f, isoform 2 (LOC646334), mRNA."
re membrane protein of 121 kDa) (P145) (LOC646335), mRNA."
C646342), mRNA."

The process by which a methyl group is covalently attached to a molecule [goid 32259] [evidenc
72), mRNA."

ubunit (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-rep

7), mRNA."

ase H) (Ubiquitin carrier protein H) (UBCH2) (E2-20K) (LOC646463), mRNA."

ement binding protein 107) (TAXREB107) (Neoplasm-related protein C140), transcript variant 1 (

C646529), mRNA."
31), mRNA."

LOC646575), mRNA."

NA."
oride ion channel protein p64H1) (LOC646609), mRNA."

ı (PIG-F) (LOC646699), mRNA."

(Keratin-18) (K18) (LOC646723), mRNA."

ıRNA."

muscle isoform (Phosphorylase kinase alpha M subunit) (LOC646780), mRNA."

!A) (Template-activating factor I) (TAF-I) (HLA-DR-associated protein II) (PHAPII) (Inhibitor of gra

y group nucleosome binding domain 2) (LOC646853), mRNA."
a 2 isoform a (LOC646855), mRNA."

d (LOC646900), mRNA."
ZF-5) (Hematopoietic cell derived zinc finger protein 1) (HD-ZNF1) (LOC646906), mRNA."

like kinase 2) (PKU-alpha) (LOC646920), mRNA."

Rotamase Pin4) (PPIase Pin4) (Parvulin 14) (Par14) (Peptidyl-prolyl cis/trans isomerase EPVH) (
mRNA."

ce 1 (LOC647058), mRNA."

."

A."

A."

RNA."

C647336), mRNA."
NA."
ex, gamma subunit isoform H (heart) precursor (LOC647340), mRNA."
47343), mRNA."
dependent formaldehyde dehydrogenase) (FDH), transcript variant 2 (LOC647346), mRNA."

complex 3 sigma-1 subunit) (Sigma-adaptin 3a) (AP-3 complex sigma-3A subunit) (Sigma-3A-ad
LOC647353), mRNA."
(CT1) (Creatine transporter 1) (CHOT1) (Solute carrier family 6 member 8) (LOC647370), mRNA

)), mRNA."

)), mRNA."

variant 2 (LOC647474), mRNA."
RNA."

"
A."

listamine-releasing factor) (HRF) (Fortilin) (LOC647673), mRNA."

) (LOC647723), mRNA."

l), mRNA."

precursor (LOC647836), mRNA."

eptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated

935), mRNA."

C647958), mRNA."

00), mRNA."

C648024), mRNA."
3P 11), transcript variant 4 (LOC648039), mRNA."

164), mRNA."

RNA."
tabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1) (HDP) (LOC6482

ssor QM) (Laminin receptor homolog) (LOC648237), mRNA."
eptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated

(Formin-binding protein 2) (LOC648366), mRNA."

NA."
rnithine--oxo-acid aminotransferase) (LOC648399), mRNA."

2), mRNA."

otease) (ICE(rel)-II) (LOC648470), mRNA."
5), mRNA."
NA."

C648541), mRNA."

te 1 (LOC648581), mRNA."

4 isoform a, transcript variant 6 (LOC648625), mRNA."
Rotamase Pin4) (PPIase Pin4) (Parvulin 14) (Par14) (Peptidyl-prolyl cis/trans isomerase EPVH) (
-8645), mRNA."

), mRNA."

)C648695), mRNA."

glucan glucanohydrolase) (LOC648749), mRNA."
3), mRNA."

(LOC648868), mRNA."

ukodystrophy protein) (ALDP) (LOC648897), mRNA."
'), mRNA."

igen MZ2-E) (LOC648926), mRNA."

), mRNA."
80), mRNA."

optosis inhibitory protein) (LOC648984), mRNA."

, mRNA."

(LOC649049), mRNA."

71), mRNA."

ain precursor (MHC class I antigen DRB1*9) (DR-9) (DR9), transcript variant 3 (LOC649143), mF
49150), mRNA."

ociated factor 1) (CAF1) (LOC649160), mRNA."

), mRNA."

NA."

RNA."

cript variant 4 (LOC649214), mRNA."

C649227), mRNA."

2), mRNA."

L2 (LOC649270), mRNA."

precursor (LOC649279), mRNA."

649330), mRNA."

360), mRNA."
OC649365), mRNA."

9414), mRNA."

28) (LOC649436), mRNA."
script variant 1 (LOC649445), mRNA."
protein HIP) (LOC649447), mRNA."

ucleolar RNA, transcript variant 2 (LOC649477), mRNA."

nt 2 (LOC649555), mRNA."

t 2 (LOC649604), mRNA."
), mRNA."
cript variant 2 (LOC649652), mRNA."
, mRNA."
precursor (LOC649686), mRNA."

), mRNA."
NA."

precursor (MHC class I antigen A*29) (Aw-19), transcript variant 1 (LOC649864), mRNA."

:649891), mRNA."

0), mRNA."

ene protein) (GTP-binding protein NGB) (LOC650010), mRNA."
ırk homolog) (Hlark) (RNA-binding motif protein 4a), transcript variant 1 (LOC650029), mRNA."
ohatidylcholine 2-acylhydrolase GIIC) (GIIC sPLA2) (PLA2-8) (14 kDa phospholipase A2) (LOC65
359682 (LOC650034), mRNA."

lA."

ırc homology 2 domain containing transforming protein C1) (LOC650111), mRNA."
RNA."

1) (LOC650200), mRNA."

5), mRNA."

A."
:650254), mRNA."

3), mRNA."
nRNA."

LOC650314), mRNA."
d (LOC650321), mRNA."

nt 1 (LOC650339), mRNA."

ng RNA. XR_037148 XR_037345"
369), mRNA."

A."

IBP-1 interacting protein 2A) (MIP-2A) (LOC650491), mRNA."

n) (Macropain iota chain) (Multicatalytic endopeptidase complex iota chain) (LOC650518), mRN
(SRP1-alpha) (RAG cohort protein 1), transcript variant 8 (LOC650526), mRNA."
(RalGDS) (LOC650528), mRNA."
650546), mRNA."
ver isoform (PHK-gamma-T) (Phosphorylase kinase gamma subunit 2) (PSK-C3) (LOC650556),
NA."

mRNA."

"

RNA."
."

'), mRNA."
ı) (LOC650780), mRNA."

, mRNA."

)C650832), mRNA."
(LOC650845), mRNA."

650898), mRNA."
(LOC650909), mRNA."
orm 1, transcript variant 1 (LOC650933), mRNA."

umor kinase substrate) (BRK substrate) (LOC650975), mRNA."

rotein 13) (Placenta protein 13) (PP13) (Galectin-13), transcript variant 2 (LOC651102), mRNA."

ı 3 (LOC651116), mRNA."

)C651137), mRNA."
41), mRNA."
3), mRNA."

186), mRNA."

mRNA."
(LOC651268), mRNA."

mRNA."

"

(LOC651575), mRNA."
mRNA."
l (LOC651580), mRNA."

A."

), mRNA."

NA."

51751), mRNA."

9), mRNA."
g enzyme E2-24 kDa) (Ubiquitin-protein ligase) (Ubiquitin carrier protein) (E2-EPF5) (LOC65181
nall subunit, mitochondrial precursor (CybS) (Succinate-ubiquinone reductase membrane ancho
ain precursor (MHC class I antigen DRB1*1) (DR-1) (DR1) (LOC651845), mRNA."
rophage myristoylated alanine-rich C kinase substrate) (Mac-MARCKS) (MacMARCKS) (LOC65
rin-dependent 2 interacting protein (LOC651850), mRNA."

R-11) (CCR-11) (CC chemokine receptor-like 1) (CCRL1) (CCX CKR) (LOC651872), mRNA."

(LOC651919), mRNA."
921), mRNA."

factor) (LOC651961), mRNA."
mRNA."

it (LOC651987), mRNA."
997), mRNA."

nus) domain and RCC1 (CHC1)-like domain (RLD) 2 (LOC652045), mRNA."

."
)), mRNA."

mRNA."
3), mRNA."

mRNA."

28), mRNA."
, mRNA."
52140), mRNA."
), mRNA."
NA."
mRNA."

."
C652164), mRNA."
, mRNA."
ntigen) (gp200-MR6) (LOC652184), mRNA."
A."

211), mRNA."

C652264), mRNA."
NA."

PMS2) (LOC652294), mRNA."
'
LOC652317), mRNA."

mRNA."
2335), mRNA."
), mRNA."

2377), mRNA."
3 (LOC652379), mRNA."

asic transcription factor 2 44 kDa subunit) (BTF2-p44) (General transcription factor IIH polypeptid
A."

pellucida glycoprotein ZP3) (Zona pellucida protein C) (Sperm receptor) (ZP3A/ZP3B) (LOC652
r 1) (UBF-1) (LOC652438), mRNA."

ID1) (LOC652460), mRNA."

ecursor (LOC652479), mRNA."
y group nucleosome binding domain 2) (LOC652483), mRNA."
, mRNA."

3), mRNA."
C652495), mRNA."

RNA."

."

metalloproteinase RASI) (MMP-18) (LOC652543), mRNA."

(Formin-binding protein 2) (LOC652553), mRNA."

D8b antigen) (LOC652565), mRNA."
homolog (LOC652568), mRNA."
."
(LOC652578), mRNA."

(LOC652589), mRNA."

C652595), mRNA."

1) (PABP 1) (LOC652607), mRNA."

ome subunit 1) (Protein Tsg24) (Mitotic checkpoint regulator) (LOC652615), mRNA."

protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270) (LOC652620), mRNA."
optosis inhibitory protein) (LOC652623), mRNA."

OC652637), mRNA."

L), mRNA."
(LOC652661), mRNA."

r protein) (LOC652670), mRNA."
mRNA."
appa-recombination signal-binding protein) (RBP-J kappa) (RBP-J) (RBP-JK) (CBF-1) (NY-REN-
me, family member B1 (LOC652683), mRNA."
PMS2) (LOC652685), mRNA."
4), mRNA."

finger protein) (AFP) (RING finger protein 95) (LOC652698), mRNA."
oxidase factor 1) (47 kDa neutrophil oxidase factor) (p47-phox) (NCF-47K) (47 kDa autosomal cl
NA."
binding protein 1) (DDB p127 subunit) (DDBa) (UV-damaged DNA-binding protein 1) (UV-DDB 1)
NA."

) (LOC652743), mRNA."
5), mRNA."

optosis inhibitory protein) (LOC652755), mRNA."
n containing guanine nucleotide exchange factor 1) (PDZ-GEF1) (RA-GEF) (LOC652757), mRNA

NA."

mRNA."
OC652773), mRNA."
nRNA."
(MHC class I NK cell receptor) (Natural killer associated transcript 7) (NKAT-7) (LOC652779), mI
.OC652781), mRNA."
nRNA."
scle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) (LOC652797), mRN
(Proto-oncogene tyrosine-protein kinase Kit) (c-kit) (CD117 antigen) (LOC652799), mRNA."

eracting protein) (TAT-binding protein 7) (TBP-7) (LOC652826), mRNA."
NA."

ıRNA."

48), mRNA."

ıit Tim23 (LOC652864), mRNA."

RNA."
mRNA."
(LOC653066), mRNA."
71), mRNA."
ant 1 (LOC653075), mRNA."
ant 2 (LOC653082), mRNA."
t 6 (LOC653086), mRNA."

3094), mRNA."

peat-containing cofactor 1) (LOC653103), mRNA."
iant 3 (LOC653105), mRNA."
C653108), mRNA."

variant 1 (LOC653115), mRNA."

matrix protein GM130), transcript variant 2 (LOC653125), mRNA."
pt variant 2 (LOC653127), mRNA."
ıscript variant 2 (LOC653129), mRNA."
tein 45) (NBP-45) (GARP45 protein), transcript variant 5 (LOC653135), mRNA."
(VAC-beta), transcript variant 13 (LOC653145), mRNA."

C653158), mRNA."
53171), mRNA."
L75), mRNA."

C653197), mRNA."

6), mRNA."

53226), mRNA."
mRNA."
RNA."
OC653242), mRNA."
53244), mRNA."
lutamyltransferase 1) (CD224 antigen), transcript variant 5 (LOC653257), mRNA."
oned medium-induced protein 64 (Smag-64) (LOC653260), mRNA."
tein 45) (NBP-45) (GARP45 protein), transcript variant 2 (LOC653264), mRNA."

1 (LOC653308), mRNA."
oxidase factor 1) (47 kDa neutrophil oxidase factor) (p47-phox) (NCF-47K) (47 kDa autosomal cl
ex, subunit f isoform 2b (LOC653324), mRNA."

C653344), mRNA."
cript variant 4 (LOC653352), mRNA."
e (LOC653354), mRNA."
mRNA."

377), mRNA."
OC653380), mRNA."

37), mRNA."
53420), mRNA."
cript variant 5 (LOC653423), mRNA."
mRNA."
38), mRNA."

458), mRNA."
(Formin-binding protein 2) (LOC653464), mRNA."
variant 7 (LOC653471), mRNA."
mRNA."
(LOC653479), mRNA."
mRNA."
protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270), transcript variant 7 (LOC6
5), mRNA."
9), mRNA."

506), mRNA."
C653513), mRNA."

egion, candidate 16, transcript variant 4 (LOC653539), mRNA."

lifying protein 4b) (CHMP4b) (LOC653555), mRNA."

d-coil containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (LOC653559), mRNA."
atine), member 8, transcript variant 2 (LOC653562), mRNA."
:Da subunit) (SPase 25 kDa subunit) (LOC653566), mRNA."
RNA."

me, family member A1 (LOC653580), mRNA."

riant 2 (LOC653591), mRNA."
3598), mRNA."
Defensin, alpha 1) (LOC653600), mRNA."

), mRNA."

mRNA."
53623), mRNA."
linked to PML) (Golgin-like protein), transcript variant 2 (LOC653625), mRNA."
script variant 2 (LOC653629), mRNA."

NA."
olgin-like protein), transcript variant 1 (LOC653641), mRNA."
45), mRNA."
), transcript variant 1 (LOC653650), mRNA."

nt 1 (LOC653663), mRNA."
3P)-associated factor, 250kDa (LOC653664), mRNA."

precursor (ACE-T) (Dipeptidyl carboxypeptidase I) (Kininase II) (LOC653684), mRNA."

7), mRNA."
3722), mRNA."

), mRNA."

A."
RNA."
IA."
X secretory phospholipase A2) (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X
mRNA."
mRNA."
variant 2 (LOC653820), mRNA."
653832), mRNA."
nscript variant 2 (LOC653855), mRNA."
3857), mRNA."
'4), mRNA."
L84) (LOC653877), mRNA."
e (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) (I
3884), mRNA."

gene AF4) (Protein FEL) (LOC653886), mRNA."
omplex 41 kDa subunit) (p41-ARC) (LOC653888), mRNA."
(Mayven) (LOC653894), mRNA."
.OC653895), mRNA."

3907), mRNA."

t variant 3 (LOC653930), mRNA."
YVE domain) member 2 (LOC653941), mRNA."

ption factor 2, transcript variant 2 (LOC653980), mRNA."
script variant 5 (LOC653994), mRNA."
Glutathione transferase T1-1), transcript variant 2 (LOC654020), mRNA."
ıscript variant 1 (LOC654032), mRNA."
2, transcript variant 3 (LOC654042), mRNA."

anscript variant 1 (LOC654074), mRNA."

IA."
NA."
ngomyelinase) (aSMase) (LOC654116), mRNA."
RNA."
_OC654126), mRNA."
C654127), mRNA."
ank2) (Proline-rich synapse associated protein 1) (ProSAP1) (Cortactin-binding protein 1) (CortBP
1 (LOC654133), mRNA."
ain precursor (LOC654155), mRNA."
L63), mRNA."

aining 5 (LOC654165), mRNA."
72), mRNA."

variant 1 (LOC654189), mRNA."
NA."
riant 2 (LOC654202), mRNA."

nRNA."

"
nRNA."
6), mRNA."

."
mRNA."

t variant 4 (LOC727761), mRNA."
4, 15kDa, transcript variant 2 (LOC727762), mRNA."
(LOC727773), mRNA."

), mRNA."

re membrane protein of 121 kDa) (P145) (LOC727805), mRNA."

7), mRNA."

), mRNA."

7866), mRNA."

A."

5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion (LOC727935), mRNA."
41), miscRNA."

LOC727963), mRNA."

C727994), mRNA."

RNA."

ursor (Flamingo homolog 2) (hFmi2) (LOC728032), mRNA."
tein) (Kinesin-like protein 4) (LOC728037), mRNA."

C728125), mRNA."

RNA."

_OC728185), mRNA."
88), mRNA."

728226), mRNA."
), mRNA."

(LOC728249), mRNA."

28343), mRNA."

lutamyltransferase 1) (CD224 antigen), transcript variant 2 (LOC728441), mRNA."

NA."

ta 2) (Skin-antimicrobial peptide 1) (SAP1) (LOC728454), mRNA."

4 (LOC728492), mRNA."
ore membrane protein of 121 kDa) (P145) (LOC728499), mRNA."

poptosis inhibitory protein) (LOC728519), mRNA."

RNA."

otransferase) (GMP synthetase) (LOC728564), mRNA."

3B (LOC728588), mRNA."

NA."

522), mRNA."

ript variant 1 (LOC728635), mRNA."

oding RNA."

NA."

8734), mRNA."
A."

."

, mRNA."
cytokine A3-like 1) (Tonsillar lymphocyte LD78 beta protein) (LD78-beta(1-70)) (G0/G1 switch re

A."

l) (LOC728910), mRNA."
n 2, transcript variant 1 (LOC728919), mRNA."

:8929), mRNA."

A."
8945), mRNA."

nRNA."

) (NHE-3) (Solute carrier family 9 member 3) (LOC728990), mRNA."

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

086), mRNA."
'29090), mRNA."

non-coding RNA."
SP-A2) (SP-A) (PSP-A) (PSPA) (Alveolar proteinosis protein) (35 kDa pulmonary surfactant-assc

IA."

RNA."

oding RNA."

tabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1) (HDP) (LOC729

), mRNA."
C729446), mRNA."

) (LOC729486), mRNA."

29530), mRNA."

"

mRNA."

a (LOC729623), mRNA."

RNA."

29769), mRNA."

eoside diphosphate-linked moiety X motif 7) (Nudix motif 7) (LOC729777), mRNA."

mRNA."

d (LOC729898), mRNA."

A."

."

."
tial miscRNA."

7), mRNA."

e (LOC730092) on chromosome 16.

730107), mRNA."

OC730167), mRNA."

nRNA."
dies (LOC730272), mRNA."

ore membrane protein of 121 kDa) (P145) (LOC730316), mRNA."

udogene (LOC730329), mRNA."

."
A."

NA."
ariant 1 (LOC730432), mRNA."

."
tabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1) (HDP) (LOC7307

RNA."

A."

ıtaining 1, transcript variant 1 (LOC730994), mRNA."

RNA."
e kinase 3-like 1) (ATP-AMP transphosphorylase) (LOC731007), mRNA."

g enzyme E2-24 kDa) (Ubiquitin-protein ligase) (Ubiquitin carrier protein) (E2-EPF5) (LOC73104

082), mRNA."
ıma) (LOC731096), mRNA."

'31170), mRNA."

31), mRNA."

log) (LOC731496), mRNA."

in precursor (DC-4 alpha chain) (LOC731682), mRNA."

C731751), mRNA."

ember 1 interacting protein (LOC731789), mRNA."

31878), mRNA."

isozyme B) (PGAM-B) (BPG-dependent PGAM 1) (LOC732007), mRNA."
OC732075), mRNA."

omerase), transcript variant 2 (LOC732165), mRNA."

LOC732425), mRNA."

32445), mRNA."

OC90120), mRNA."

OC91316), non-coding RNA. XR_040205 XR_040206"

mRNA."

A."

The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of A
"The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of A
The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of A
The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of A

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The chei
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of platelet activating factor, 1-C

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The aggregation, arrangement and bonding together of a set of components to form a protein c

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
, mRNA."
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"A form of programmed cell death induced by external or internal signals that trigger the activity
."
."
."

ant 2, mRNA."
), mRNA."
"The process by which vesicles are directed to specific destination membranes, mediated by mi
"Any process that stops, prevents or reduces the frequency, rate or extent of Wnt receptor signa
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A

"The process whose specific outcome is the progression of the kidney over time, from its format
"A complex and coordinated series of cellular movements that occurs at the end of cleavage du
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 11152697] [evider
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

coding RNA. XM_934274 XM_941652 XM_945358 XM_945361 XM_945364"
), mRNA."

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

iant 1, mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

MT), mRNA."

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one c
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The process whose specific outcome is the progression of the liver over time, from its formatior
"The chemical reactions and pathways resulting in the formation of steroids, compounds with a
"The developmental process by which the size or shape of a cell is generated and organized. M

"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The cher
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9177352] [evidenc
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 96608

"The chemical reactions and pathways resulting in the formation of leukotriene, a pharmacologic
"The directed movement of iron (Fe) ions into, out of, within or between cells [goid 6826] [evider
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7685902] [evid

"Any process that stops, prevents or reduces the frequency, rate or extent of striated muscle de

The series of events involved in the perception of pain in which a sensory temperature stimulus
Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor on

"The process whose specific outcome is the progression of nervous tissue over time, from its for
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 3561390] [evid

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

The chemical reactions and pathways resulting in the breakdown of a cell wall [goid 16998] [evic
The chemical reactions and pathways resulting in the breakdown of a cell wall [goid 16998] [evic
The chemical reactions and pathways resulting in the breakdown of a cell wall [goid 16998] [evic
The chemical reactions and pathways resulting in the breakdown of a cell wall [goid 16998] [evic
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

The process by which anatomical structures are generated and organized. Morphogenesis perta
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"Any process that stops, prevents or reduces the rate or extent of progression through the cell cy

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The biological process whose specific outcome is the progression of a multicellular organism ov

"Progression through metaphase, the stage of mitosis at which chromosomes are firmly attache
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughte
"The progression of biochemical and morphological phases and events that occur in a cell durin
The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The progression of biochemical and morphological phases and events that occur in a cell durin

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whereby segments assume individual identities; exemplified in insects by the actio
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"A form of programmed cell death induced by external or internal signals that trigger the activity

nulating factor signal transduction (Magmas), nuclear gene encoding mitochondrial protein, mRN
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine forming N4
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]; The
"The multiplication or reproduction of smooth muscle cells, resulting in the expansion of a cell po

"The clustering and aggregation of membrane rafts at a single cellular pole during activation of p
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The conversion of N-linked glycan structures from the initially transferred oligosaccharide to a n
"The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1'
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"A process that results in a parallel arrangement of microtubules [goid 1578] [evidence IEA]; The
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The modi
"The formation of a double membrane-bounded structure, the autophagosome, that occurs whe
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"A process that results in a parallel arrangement of microtubules [goid 1578] [pmid 15528209] [e
"A process that results in a parallel arrangement of microtubules [goid 1578] [evidence IEA]; The
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
The initiation of the activity of the inactive enzyme MAP kinase kinase by phosphorylation by a M
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9808624] [evid
"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"A series of reactions, mediated by protein kinases, which occurs as a result of a single trigger r
"The initiation of the activity of the inactive enzyme MAP kinase kinase by phosphorylation by a
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The initiation of the activity of the inactive enzyme MAP kinase kinase by phosphorylation by a
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9875215] [evid
"Any process that activates or increases the frequency, rate, or extent of T cell cytokine producti
"Any process that initiates the activity of the inactive enzyme MAP kinase kinase kinase [goid 18
"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
IP3), mRNA."
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The initiation of the activity of the inactive enzyme JUN kinase by phosphorylation by a JUN kin
"Any process that initiates the activity of the inactive enzyme MAP kinase kinase kinase [goid 18
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9275185] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9890973] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9038372] [evid

"Any process that stops, prevents or reduces the frequency, rate or extent of microtubule depoly
"A process that is carried out at the cellular level which results in the formation, arrangement of

"The progression of biochemical and morphological phases and events that occur in a cell durin
."
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The v
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
"The phosphorylation by a protein of one or more of its own amino acid residues, or residues on
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7687743] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 2032290] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A for
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10912793] [eviden
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14976552] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14976552] [evi
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"A process that results in a parallel arrangement of microtubules [goid 1578] [evidence ISS]; A p
"The process of coupling methionine to methionyl-tRNA, catalyzed by methionyl-tRNA synthetas
"The process of coupling methionine to methionyl-tRNA, catalyzed by methionyl-tRNA synthetas
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; A pro
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The chemical reactions and pathways involving compounds containing a single carbon atom [g
"The chemical reactions and pathways resulting in the formation of S-adenosylmethionine, S-(5'
"The chemical reactions and pathways resulting in the formation of S-adenosylmethionine, S-(5'
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7530249] [evid
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by

Any process that terminates the activity of the active enzyme MAP kinase during osmolarity sen

"The process whose specific outcome is the progression of the embryo in the uterus over time, f

"The biological process whose specific outcome is the progression of a multicellular organism ov
T2), mRNA."

"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The cher
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The cher
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The chemical reactions and pathways resulting in the breakdown of leucine, 2-amino-4-methylp
"The chemical reactions and pathways resulting in the breakdown of leucine, 2-amino-4-methylp

"The chemical reactions and pathways involving L-methylmalonyl-CoA, the levorotatory isomer o
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
ant 2, mRNA."
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The process whereby new strands of DNA are synthesized. The template for replication can eith
ein antisense (MCM3APAS) on chromosome 21.
"The process by which interchain hydrogen bonds between two strands of DNA are broken or 'm
"The process by which DNA replication is started; this involves the separation of a stretch of the
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process by which DNA replication is started; this involves the separation of a stretch of the

"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
A series of molecular signals in which a cell uses calcium ions to convert an extracellular signal
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence I
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
M1), transcript variant 1, mRNA."
"Passage through a cell cycle control point late in G1 phase of the mitotic cell cycle just before e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of protein complex assembly [goid 43

"The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The biological process whose specific outcome is the progression of a multicellular organism o

"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that activates or increases the frequency, rate or extent of transcription from the R
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

"The modification of histones by addition of methyl groups [goid 16571] [evidence IEA]; Any pro

"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"The developmental process by which the heart is generated and organized. The heart is a hollo
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteric
"The process whose specific outcome is the progression of the mesoderm over time, from its for
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The b
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The post
"The biological process whose specific outcome is the progression of a multicellular organism ov
."

RNA."

The covalent alteration of one or more nucleotides within a tRNA molecule to produce a tRNA m

tein, mRNA."

"Posttranscriptional addition of a methyl group to either a nucleotide or 2'-O ribose in a polyribor
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

The addition of a methyl group to a protein amino acid. A methyl group is derived from methane
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The phosphorylation by a protein of one or more of its own amino acid residues, or residues on

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

mRNA."
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
Any developmental process that results in the creation of defined areas or spaces within an orga
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of oligosaccharides, molecules
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

, mRNA."
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"Movement of organelles, other microtubules and other particles along microtubules, mediated b

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

ıRNA."

"A process that is carried out at the cellular level which results in the formation, arrangement of

RNA."

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
(MGC71993), mRNA."
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi

37042), mRNA."
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the breakdown of glycoproteins, any protein t
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The re-formation of a broken phosphodiester bond in the DNA backbone, carried out by DNA li
"The condensation of mesenchymal cells that have been committed to differentiate into chondro
"The chemical reactions and pathways involving glutathione, the tripeptide glutamylcysteinylglyc
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The binding of a cell to the extracellular matrix via adhesion molecules [goid 7160] [evidence IE
"Any process that activates or increases the frequency, rate, or extent of leukocyte migration [go
ing RNA."
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any immune system process that functions in the calibrated response of an organism to a pote
"The chemical reactions and pathways involving aromatic compounds, any organic compound c
"The chemical reactions and pathways involving aromatic compounds, any organic compound c
"The biological process whose specific outcome is the progression of a multicellular organism ov
The chemical reactions and pathways resulting in the formation of substances; typically the ener
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process that stops, prevents or reduces the frequency, rate or extent of microtubule depoly
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the formation of prostaglandins, any of a grou
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa

n-coding RNA."
"The process of the formation of the constituents of the ribosome subunits, their assembly, and
"The chemical reactions and pathways involving a polyphosphate, the anion or salt of polyphosp

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The clea

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The process whereby a precursor cell type acquires the specialized features of a myeloid proge
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju
"Progression through the third stage of prophase I in meiosis, in which crossing over occurs betv
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
nslocated to, 10 (MLLT10), transcript variant 1, mRNA."
nslocated to, 11 (MLLT11), mRNA."
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of targeting specific proteins to particular membrane-bounded subcellular organell

"The directed movement of molecules between the nucleus and the cytoplasm [goid 6913] [evid
"The chemical reactions and pathways involving acetyl-CoA, a derivative of coenzyme A in whic
"The directed movement of amino acids, organic acids containing one or more amino substituer

MACHC), mRNA."
MADHC), nuclear gene encoding mitochondrial protein, mRNA."
The rupture of cell membranes and the loss of cytoplasm [goid 19835] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 2167156] [evidenc
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10363975] [evider
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence NAS]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 1497627] [evidenc
"The process whose specific outcome is the progression of the skeleton over time, from its form
"A conserved series of molecular signals found in prokaryotes and eukaryotes; involves autopho

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 85218
"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The phosphorylation by a protein of one or more of its own amino acid residues, or residues on

variant 2, mRNA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the formation of the Mo-molybdopterin cofact
"The chemical reactions and pathways resulting in the formation of the Mo-molybdopterin cofact
"The chemical reactions and pathways resulting in the formation of the Mo-molybdopterin cofact

"The regulation of the levels, transport, and metabolism of iron ions within a cell or between a ce

"The directed movement of substances from the Golgi to early sorting endosomes. Clathrin vesi
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence N
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence N
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

"The process whose specific outcome is the progression of the heart over time, from its formatic
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways resulting in the breakdown of histidine, 2-amino-3-(1H-im
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
NA."
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Progression through M phase, the part of the mitotic cell cycle during which mitosis takes place
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The progressio
"Progression through M phase, the part of the mitotic cell cycle during which mitosis takes place
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
mRNA."
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"The process whose specific outcome is the progression of nervous tissue over time, from its for
A."
"The directed movement of sulfate into, out of, within or between cells [goid 8272] [evidence IEA
"The maintenance of the structure and integrity of the mitochondrial genome; includes replicatio
mitochondrial protein, mRNA."
ing mitochondrial protein, mRNA."
The series of molecular signals generated as a consequence of a transmembrane receptor tyros
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The process by which an antigen-presenting cell expresses a peptide antigen on its cell surface
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process that modulates the frequency, rate or extent of DNA recombination during mitosis
"The process whereby a relatively unspecialized cell acquires specialized features of a melanocy

A."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
cript variant 1, mRNA."

Any process involved in the conversion of one or more primary RNA transcripts into one or more
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The synthesis of RNA from a mitochondrial DNA template, usually by a specific mitochondrial F
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
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The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
ndrial protein, mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The process by which anatomical structures are generated and organized. Morphogenesis perta
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
ndrial protein, transcript variant 2, mRNA."
NA."
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
ndrial protein, mRNA."
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
ndrial protein, mRNA."
ndrial protein, mRNA."
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
ndrial protein, mRNA."
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The series of events required to receive a stimulus indicating DNA damage has occurred and c
ndrial protein, mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
ndrial protein, mRNA."
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
ndrial protein, mRNA."
"The series of events required to receive a stimulus indicating DNA damage has occurred and c
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
MRS2P2), non-coding RNA."
"The process of the formation of the constituents of the ribosome subunits, their assembly, and
"Any immune system process that functions in the calibrated response of an organism to a pote
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,

"

"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The process of restoring a protein to its original state after damage by such things as oxidation c

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The seq
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 11641781] [evic
"Any process that establish the spatial arrangement of mitochondria between and within cells [g
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The regulation of the levels, transport, and metabolism of copper ions within a cell or between a
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
g mitochondrial protein, mRNA."
"The chemical reactions and pathways resulting in the formation of histidine, 2-amino-3-(1H-imic
"The chemical reactions and pathways involving compounds containing a single carbon atom [g
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the formation of histidine, 2-amino-3-(1H-imic
"The chemical reactions and pathways resulting in the formation of methionine (2-amino-4-(metl
"The chemical reactions and pathways resulting in the formation of folic acid and its derivatives

The chemical reactions and pathways resulting in the formation of folic acid and its derivatives [g
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [e
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [p
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of removing one or more phosphoric (ester or anhydride) residues from a molecul
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 107
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 973
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 973
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The process whose specific outcome is the progression of nervous tissue over time, from its fo
"Any process that modulates the frequency, rate or extent of translational termination [goid 6449
"The process resulting in the release of a polypeptide chain from the ribosome, usually in respo
"The chemical reactions and pathways resulting in the formation of amino acids, organic acids c
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 12570871] [eviden
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"Any process that stops, prevents or reduces the rate or extent of progression through the cell cy
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Transport of substances into, out of or within a mitochondrion [goid 6839] [pmid 10381257] [evi
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Protection of epithelial surfaces of the gastrointestinal tract from proteolytic and caustic digestive

"The division of a mitochondrion within a cell to form two or more separate mitochondrial compa

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"A process that directly activates any of the steps required for cell death by apoptosis [goid 691
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

."

"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence IEA]; Any pr
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"The developmental process by which the heart is generated and organized. The heart is a hollo
"Any process that modulates the frequency, rate or extent of striated muscle contraction [goid 6
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"A change in state or activity of an organism (in terms of movement, secretion, enzyme producti
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteric
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteric
"A cell cycle process that results in the division of the cytoplasm of a cell after mitosis, resulting
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process whose specific outcome is the progression of the muscle over time, from its forma

"Any process that modulates the frequency, rate or extent of striated muscle contraction [goid 6
"Any process that modulates the extent of heart contraction, changing the force with which blood
"Any process that modulates the extent of heart contraction, changing the force with which blood
"Any process that modulates the frequency, rate or extent of muscle contraction [goid 6937] [pm
"The developmental sequence of events leading to the formation of adult muscle that occurs in
"The developmental sequence of events leading to the formation of adult muscle that occurs in
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Movement of organelles or other particles along actin filaments, or sliding of actin filaments pas

"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of proteins in a cell, including the movement of proteins between speci
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"A process whereby force is generated within striated muscle tissue, resulting in a change in mu
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Any process th
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process by which DNA and associated proteins are formed into a compact, orderly structur
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

The process by which a methyl group is covalently attached to a molecule [goid 32259] [evidenc
The process by which a methyl group is covalently attached to a molecule [goid 32259] [evidenc
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10085079] [evidenc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The formation of bone by the replacement of cartilage tissue with mineralized bone [goid 1958]

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
CAP1), non-coding RNA."
NA."
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"The chemical reactions and pathways involving N-acetylglucosamine. The D isomer is a comm
"The process whose specific outcome is the progression of nervous tissue over time, from its fo
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9877162] [evidence
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10591213] [evidenc

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The acetylation of the N-terminal amino acid of proteins [goid 6474] [evidence ISS]; Any proces

"The process of coupling asparagine to asparaginyl-tRNA, catalyzed by asparaginyl-tRNA synth
"The process of coupling asparagine to asparaginyl-tRNA, catalyzed by asparaginyl-tRNA synth
"The process whose specific outcome is the progression of the blastocyst over time, from its for
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The acetylation of the N-terminal amino acid of proteins [goid 6474] [pmid 16507339] [evidence
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
ıRNA."
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"Any process that stops, prevents or reduces the rate or extent of progression through the cell cy
"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in
(NBPF1), mRNA."
(NBPF10), mRNA."

(NBPF20), mRNA."
ɔding RNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The proliferation of cells in the inner cell mass [goid 1833] [evidence IEA]; The progression of b
"Progression through the phases of the mitotic cell cycle, the most common eukaryotic cell cycle
The cell cycle process whereby chromatin structure is compacted prior to mitosis in eukaryotic c
"The formation and assembly from one or more snRNA and multiple protein components of a rib
"The formation and assembly from one or more snRNA and multiple protein components of a rib
RNA."
"The process by which specialized cells known as osteoclasts degrade the organic and inorgani
"A defense response that is mediated by cells [goid 6968] [pmid 2848318] [evidence TAS]; Any
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"A defense response that is mediated by cells [goid 6968] [pmid 1692159] [evidence TAS]; The
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The directed movement of a protein bearing a nuclear localization signal (NLS) from the cytopla
Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The posttranslational modification of a protein, particularly secretory proteins and proteins targe
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the embryo in the uterus over time, f

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

NA."

NA."

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10993067] [evider
"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
"The process whose specific outcome is the progression of the placenta over time, from its form
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The directed movement of a protein from the cytoplasm to the nucleus [goid 6606] [pmid 10924
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
mRNA."
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
)UFAF2), mRNA."
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylation

"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The transfer of electrons from NADH to ubiquinone that occurs during oxidative phosphorylatio
"The process whose specific outcome is the progression of the somatic muscle over time, from i
Any process that controls the length of actin filaments in a cell [goid 30832] [pmid 9733644] [evi
"The chemical reactions and pathways resulting in the formation of an antibiotic, a substance pr
"The regulated release of proteins from a cell or group of cells [goid 9306] [pmid 12780348] [evi
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
ıRNA."
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8208544] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14563848] [evi
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that activates or increases the frequency, rate or extent of signal transduction mec
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 8649

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"An acute behavioral change resulting from a perceived external threat [goid 1662] [evidence IE
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"Any process that modulates the frequency, rate or extent of cell migration [goid 30334] [pmid 15
"The process whereby a relatively unspecialized cell acquires the specialized features of an oste
"Any process that activates or increases the frequency, rate or extent of production of a cytokine
"The appearance of a cytokine due to biosynthesis or secretion following a cellular stimulus, res
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The appearance of a cytokine due to biosynthesis or secretion following a cellular stimulus, res
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The selective interaction of a transcription factor with specific molecules in the cytoplasm, there
"The selective interaction of a transcription factor with specific molecules in the cytoplasm, there
! (NFKBIL2), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The aggregation, arrangement and bonding together of a set of components to form a protein c
The incorporation of iron and exogenous sulfur into a metallo-sulfur cluster [goid 16226] [pmid 1
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one c
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways resulting in the breakdown of glycoproteins, any protein t
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45

"The process of the formation of the constituents of the ribosome subunits, their assembly, and

"Any process that activates or increases the frequency, rate or extent of DNA-dependent transcr
"Any process by which a centrosome is transported to, and/or maintained in, a specific location
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The aggregation, arrangement and bonding together of the mature ribosome and of its subunits

, mRNA."

"The progression of biochemical and morphological phases and events that occur in a cell durin

"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa
"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The process of targeting specific proteins to particular membrane-bounded subcellular organell
The biosynthesis of a synapse [goid 7416] [pmid 10892652] [evidence NAS]; The attachment of
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa
"Upregulation of the activity of a caspase, any of a group of cysteine proteases involved in apop

"A process that directly activates any of the steps required for cell death by apoptosis [goid 691

"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The chemical reactions and pathways resulting in the formation of substances; typically the ene
"Any process that modulates the frequency, rate or extent of nitrogen utilization [goid 6808] [evic
"The covalent or non-covalent attachment of a myristoyl moiety to the N-terminal amino acid res
The covalent or non-covalent attachment of a myristoyl moiety to the N-terminal amino acid resi
"Any process that modulates the frequency, rate or extent of smooth muscle contraction [goid 6
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv

"The process whereby a relatively unspecialized cell acquires specialized features of an adipocy
, mRNA."
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The appearance of a cytokine due to biosynthesis or secretion following a cellular stimulus, res

"The process whereby a relatively unspecialized cell acquires the specialized features of an oste

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

RNA."

"The process whereby new strands of DNA are synthesized. The template for replication can eit

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

."

"The process leading to the rupture of the follicle, releasing the centrally located oocyte into the
The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [evide
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
"The series of molecular signals initiated by binding of an extracellular ligand to a Notch recepto
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process that regulates the coordinated growth and sprouting of blood vessels giving rise to

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The chemical reactions and pathways involving superoxide, the superoxide anion O2- (superox
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The directed movement of phospholipids into, out of, within or between cells. Phospholipids are

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"Any process preventing the degeneration of the photoreceptor, a specialized cell type that is se
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
Any process that modulates the size of blood vessels [goid 50880] [evidence IEA]; The process
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A ser
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
"The directed movement of calcium (Ca) ions into, out of, within or between cells [goid 6816] [pr
"The chemical reactions and pathways involving a xenobiotic compound, a compound foreign to
The process of removal or addition of one or more electrons with or without the concomitant rem

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The biological process whose specific outcome is the progression of a multicellular organism ov
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9581555] [evidenc
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 9275

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The i
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process that regulates the coordinated growth and sprouting of blood vessels giving rise to
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The process whose specific outcome is the progression of the hair follicle over time, from its for
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways involving ceramides, any N-acylated sphingoid [goid 667

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

A."

"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"The chemical reactions and pathways involving any pyrimidine nucleoside, one of a family of or
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The activities involved in the mental information processing system that receives (registers), mo
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The endonucleolytic cleavage of the damaged strand of DNA 5' to the site of damage. The incis
The developmentally regulated remodeling of neuronal projections such as pruning to eliminate

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14976552] [evi
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The aggregation, arrangement and bonding together of septins and associated proteins to form

NA."
"The progression of biochemical and morphological phases and events that occur in a cell durin
Any immune system process that functions in the calibrated response of an organism to a poten

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
."
."
."
."
), mRNA."

."
."
DT19), mRNA."
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
."
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi
"The chemical reactions and pathways involving a nucleotide, a nucleoside that is esterified with
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways involving a nucleoside diphosphate, a glycosamine cons

"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
A."
"Progression through anaphase, the stage of mitosis during which the two sets of chromosomes
The biological process whose specific outcome is the progression of a multicellular organism ov
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 116847
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of molecules between the nucleus and the cytoplasm [goid 6913] [evid
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 116847
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [evidence IEA
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of a protein from the nucleus into the cytoplasm [goid 6611] [pmid 103
A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A cell cycle process that results in the division of the cytoplasm of a cell after mitosis, resulting
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The directed movement of RNA from the nucleus to the cytoplasm [goid 6405] [evidence IEA];
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 115660
"The biological process whose specific outcome is the progression of a multicellular organism o
The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
"The directed movement of RNA from the nucleus to the cytoplasm [goid 6405] [evidence IEA];
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The series of events required for an organism to receive a visual stimulus, convert it to a molec

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"Any immune system process that functions in the calibrated response of an organism to a pote
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways resulting in the formation of polyamines, any organic con
"The chemical reactions and pathways involving polyamines, any organic compound containing
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The
"The chemical reactions and pathways resulting in the formation of eye pigments, any general o

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process whose specific outcome is the progression of the kidney over time, from its format
"The biological process whose specific outcome is the progression of a multicellular organism o
"The biological process whose specific outcome is the progression of a multicellular organism o

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways involving a specific protein, rather than of proteins in gen
"The chemical reactions and pathways involving a specific protein, rather than of proteins in gen
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 1067

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9052782] [evidenc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"The division of a mitochondrion within a cell to form two or more separate mitochondrial compa
"The series of events required for an organism to receive a visual stimulus, convert it to a molec

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways resulting in the formation of ergosterol, (22E)-ergosta-5,7
"The process of directing proteins towards the Golgi using signals contained within the protein [g
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
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"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
), non-coding RNA."

ıon-coding RNA."

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The process whereby new strands of DNA are synthesized. The template for replication can eith

"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu

"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
: 3, mRNA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process whose specific outcome is the progression of the metanephros over time, from its
Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [eviden

"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
The process whereby a relatively unspecialized monocyte acquires the specialized features of a
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"Any process that activates or increases the rate of neuroblast proliferation [goid 2052] [evidenc
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The process of removal or addition of one or more electrons with or without the concomitant rem
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14707132] [evi
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"A homeostatic process involved in the maintenance of an internal equilibrium within a defined ti
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

n-coding RNA."
"Any process that modulates the frequency, rate or extent of the directed movement of sodium i
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an inju
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The posttranslational modification of peptidyl-proline to form 4-hydroxy-L-proline; catalyzed by
"The posttranslational modification of peptidyl-proline to form 4-hydroxy-L-proline; catalyzed by
"The posttranslational modification of peptidyl-proline to form 4-hydroxy-L-proline; catalyzed by
ipt variant 3, mRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
Any process by which an organism has an effect on an organism of a different species [goid 44
"The enzymatic addition of a sequence of 40-200 adenylyl residues at the 3' end of a eukaryotic

"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"A form of programmed cell death induced by external or internal signals that trigger the activity
The process of directing proteins towards the Golgi using signals contained within the protein [g
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any process that stops, prevents or reduces the frequency, rate or extent of endocytosis [goid
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process that stops, prevents or reduces the frequency, rate or extent of endocytosis [goid
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A cell cycle process that sets the alignment of mitotic spindle relative to other cellular structures
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 9813098] [evidenc
"The chemical reactions and pathways involving peptides, compounds of two or more amino aci
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w

"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The chemical reactions and pathways resulting in the formation of coenzyme A, 3'-phosphoade
"The chemical reactions and pathways resulting in the formation of coenzyme A, 3'-phosphoade
"The chemical reactions and pathways resulting in the formation of coenzyme A, 3'-phosphoade
"The chemical reactions and pathways resulting in the formation of coenzyme A, 3'-phosphoade
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou

"The process of removal or addition of one or more electrons with or without the concomitant rer
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The pathways by which inorganic sulfate is processed and incorporated into sulfated compounc
"The pathways by which inorganic sulfate is processed and incorporated into sulfated compounc

"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
A series of molecular signals within the cell that are mediated by a member of the Ras superfam
ial protein, transcript variant 1, mRNA."

"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"Any process that contributes to the maintenance of proper telomeric length and structure by aff

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
nRNA."
t 3 (PARP8), mRNA."
"The orderly movement of cells from one site to another, often during the development of a mult
"The process of coupling glycine to glycyl-tRNA, catalyzed by glycyl-tRNA synthetase. In tRNA a
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Process involved in cell fate commitment. Once determination has taken place, a cell becomes
A."
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]; Prog
"The process whose specific outcome is the progression of the placenta over time, from its form
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways resulting in the formation of tetrahydrobiopterin, the redu
"The chemical reactions and pathways resulting in the formation of tetrahydrobiopterin, the redu
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"A cascade of processes induced by the cell cycle regulator phosphoprotein p53, or an equivale
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
coding mitochondrial protein, mRNA."
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
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"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
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"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The assembly of a cilium, a specialized eukaryotic locomotor organelle that consists of a filiform
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of DNA replication [goid 6275] [evider
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A process that is carried out at the cellular level which results in the formation, arrangement of

\."
The biological process whose specific outcome is the progression of a multicellular organism ov

The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The gene
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 1437147] [evide
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 1639063] [evide
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The chemical reactions and pathways resulting in the breakdown of prenylcysteine, 3-methyl-2-
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the formation of phosphatidylcholines, any of
"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A form of programmed cell death induced by external or internal signals that trigger the activity
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"A form of programmed cell death induced by external or internal signals that trigger the activity

"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A conserved series of molecular signals found in prokaryotes and eukaryotes; involves autopho
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"Any process that activates or increases the rate or extent of endothelial cell proliferation [goid 1
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
ing RNA."
The regulated release of proteins from a cell or group of cells [goid 9306] [pmid 2295602] [evide
"Any process that maintains the redox environment of a cell or compartment within a cell [goid 4
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwork

"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9368760] [evid
"The chemical reactions and pathways resulting in the breakdown of glycine, aminoethanoic acid
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways resulting in the formation of ubiquinone, a lipid-soluble el
"The chemical reactions and pathways resulting in the formation of ubiquinone, a lipid-soluble el
"The chemical reactions and pathways involving carboxylic acids, any organic acid containing or
"The chemical reactions and pathways resulting in the formation of pyridoxine, 2-methyl-3-hydro
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The series of molecular signals generated as a consequence of a peptide neurotransmitter bind

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

A series of reactions within the cell that occur as a result of a single trigger reaction or compoun

"Any process that modulates the occurrence or rate of cell death by apoptosis [goid 42981] [evic

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving fatty acids, aliphatic monocarboxylic acids liber
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A form o
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The cascade of processes by which a signal interacts with a receptor, causing a change in the I
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The division of a mature peroxisome within a cell to form two or more separate peroxisome com
"Pathway by which 3-methyl branched fatty acids are degraded. These compounds are not degr
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The assembly and arrangement of the membrane of a peroxisome [goid 16557] [pmid 1222348
"The process of directing proteins towards the peroxisome using signals contained within the pro
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greater
The process of directing proteins towards the peroxisome using signals contained within the pro
"The characteristic movement of immature neurons from germinal zones to specific positions wh

"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Partial folding of alpha- or beta-tubulin into a non-native folding intermediate, mediated by cytos
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"The chemical reactions and pathways involving fructose 2,6-bisphosphate. The D enantiomer is
"The chemical reactions and pathways involving fructose 2,6-bisphosphate. The D enantiomer is
"The chemical reactions and pathways involving fructose 2,6-bisphosphate. The D enantiomer is
"The chemical reactions and pathways involving fructose 6-phosphate, also known as F6P. The
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera

"The chemical reactions and pathways involving glycosylphosphatidylinositol anchors, molecular
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
The covalent attachment of a geranylgeranyl moiety to a protein amino acid [goid 18348] [pmid
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the breakdown of peptidoglycans, any of a cl
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The process whose specific outcome is the progression of the skeleton over time, from its form
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The biological process whose specific outcome is the progression of a multicellular organism ov
The biological process whose specific outcome is the progression of a multicellular organism ov
The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways involving ceramides, any N-acylated sphingoid [goid 667
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The chemical reactions and pathways resulting in the formation of L-serine, the levorotatory iso
The series of molecular signals generated as a consequence of the insulin receptor binding to ir
"The chemical reactions and pathways involving glycogen, a polydisperse, highly branched gluc
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The process of removal or addition of one or more electrons with or without the concomitant rem

"The act of sexual union between male and female, involving the transfer of sperm [goid 7620] [
"The chemical reactions and pathways resulting in the formation of phosphatidylinositol, any gly

"The process of introducing one or more phosphate groups into a phosphoinositide, a class of s
"The process of introducing one or more phosphate groups into a phosphoinositide, a class of s
"The chemical reactions and pathways resulting in the formation of phosphatidylinositol, any gly
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process by which clathrin triskelia are assembled into the ordered structure known as a cla
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; The p

"Any process that modulates the frequency, rate or extent of a process that affects and monitors
"The chemical reactions and pathways resulting in the formation of substances; typically the ene
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
Oxidation of two organic sulfhydryl groups (thiols) by a disulfide compound to form a disulfide bo
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo

A transamidation reaction that results in the cleavage of the polypeptide chain and the concomit
A transamidation reaction that results in the cleavage of the polypeptide chain and the concomit
"A transamidation reaction that results in the cleavage of the polypeptide chain and the concomi
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
The stepwise addition of the components of the GPI anchor on to phosphatidylinositol lipids in th
"The chemical reactions and pathways resulting in the formation of a glycosylphosphatidylinositc

"The chemical reactions and pathways resulting in the formation of phosphatidylinositol, any glyc
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The process of introducing one or more phosphate groups into a phosphoinositide, a class of s
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The process of regulating the proliferation and elimination of B cells such that the total number
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s

"Any process that stops, prevents or reduces the rate or extent of cell adhesion to the extracellu
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The series of molecular signals generated as a consequence of the insulin receptor binding to ir
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8999962] [evide
ariant 1, mRNA."

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any process that initiates the activity of the inactive transmembrane receptor protein tyrosine kir
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9804974] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 14607334] [evi
"The maintenace of proper telomeric length by the addition of telomeric repeats by telomerase [

"The process of introducing a phosphate group into a molecule, usually with the formation of a p
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"The chemical reactions and pathways involving phosphatidylinositol, any glycophospholipid witl
"The process of introducing a phosphate group into a molecule, usually with the formation of a p
"The chemical reactions and pathways involving phosphatidylinositol, any glycophospholipid witl
"The chemical reactions and pathways involving phosphatidylinositol, any glycophospholipid witl
ariant 2, mRNA."
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The chemical reactions and pathways involving phosphatidylinositol, any glycophospholipid witl
"The chemical reactions and pathways involving tetrahydrofolate, 5,6,7,8-tetrahydrofolic acid, a
"The chemical reactions and pathways involving phosphatidylinositol, any glycophospholipid witl
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
The attachment of one cell to another cell via adhesion molecules [goid 16337] [pmid 11863367
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
NA."
), mRNA."
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera

"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 90012
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8135837] [evid
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10441506] [evi
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The process whose specific outcome is the progression of the heart over time, from its formatic
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving phosphatidylserines, any of a class of glycerop
"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble i

"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"The process whose specific outcome is the progression of the placenta over time, from its form

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 6589620] [evidenc
"The chemical reactions and pathways resulting in the breakdown of lipids, compounds soluble i
2, mRNA."
"The chemical reactions and pathways involving phospholipids, any lipid containing phosphoric a
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"The process by which a G-protein coupled receptor is taken up into an endocytic vesicle [goid 2
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The joining of two lipid bilayers to form a single membrane [goid 6944] [evidence IEA]; The initi
ant 3, mRNA."
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of glycolipids, compounds containing (usually) 1-4 linked monosacchar
The sequence of reactions within a cell required to convert absorbed photons into a molecular s
2), transcript variant 2, mRNA."
"A form of programmed cell death induced by external or internal signals that trigger the activity
(PLEKHF2), mRNA."
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"The specific activation or halting of processes within a cell so that its vital functions markedly ce
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
2 (PLEKHH2), mRNA."
3 (PLEKHH3), mRNA."

A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"Any process that stops, prevents or reduces the rate or extent of progression through the cell cy
."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A proces

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8702627] [evide
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10607900] [evid
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process by which all major lipid classes are redistributed within the plasma membrane follo

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process that regulates the coordinated growth and sprouting of blood vessels giving rise to
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"The process by which cytochrome c is enabled to move from the mitochondrial intermembrane
Any series of molecular signals generated as a consequence of an androgen binding to its recep
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"A system for the correction of errors introduced during DNA replication when an incorrect base,
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10191291] [evi
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving fatty acids, aliphatic monocarboxylic acids liber
"The chemical reactions and pathways resulting in the formation of pyridoxine, 2-methyl-3-hydro
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The movement of leukocytes within or between different tissues and organs of the body [goid 50
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"The process whereby new strands of DNA are synthesized, using parental DNA as a template
"Progression through S phase, the part of the mitotic cell cycle during which DNA synthesis take
The process whereby new strands of DNA are synthesized. The template for replication can eith
"Synthesis of DNA that proceeds from the broken 3' single-strand DNA end uses the homologou
Any process that activates or increases the rate or extent of endothelial cell proliferation [goid 19

iant 1, mRNA."
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 16762037] [evid
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The process whereby new strands of DNA are synthesized. The template for replication can eith

"The process whereby new strands of DNA are synthesized in the mitochondrion [goid 6264] [ev
"The process whereby new strands of DNA are synthesized, using parental DNA as a template
"Synthesis of DNA that proceeds from the broken 3' single-strand DNA end uses the homologou
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The synthesis of RNA on a template of DNA [goid 6351] [evidence IEA]; The synthesis of RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
NA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of RNA from a DNA template by RNA polymerase III (Pol III), originating at a Pol
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
oding RNA."
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1'

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The formation of O-glycans by addition of glycosyl groups either to the hydroxyl group of peptid

"Generation of the mature 5'-end of the tRNA, usually via an endonucleolytic cleavage by RNas
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The process of removal or addition of one or more electrons with or without the concomitant rem
The series of molecular signals initiated by binding of Wnt protein to a frizzled family receptor or
The maintenace of proper telomeric length by the addition of telomeric repeats by telomerase [g
ariant POTE-2C, mRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Specific actions of a newborn or infant mammal that result in the derivation of nourishment fron
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
The process of removing sections of the primary RNA transcript to remove sequences not prese

"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
NA."
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c
"
"
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The chemical reactions and pathways resulting in the formation of a purine nucleotide, a compo

ish) (PPDPF), mRNA."
"The binding of a cell to the extracellular matrix via adhesion molecules [goid 7160] [pmid 77968
protein (liprin), alpha 3 (PPFIA3), mRNA."
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

19), mRNA."
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 11
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 968
"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 91
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence

The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The removal of a methyl group, from a protein amino acid. A methyl group is derived from meth
"The chemical reactions and pathways resulting in the formation of heme, any compound of iror
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev

"Any process that modulates the frequency, rate or extent of muscle contraction [goid 6937] [pm

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of signal transduction [goid 9966] [evi
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the mesoderm over time, from its for
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 284
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 110
1B), transcript variant 1, mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
, mRNA."
"Any process that stops or reduces the activity of a phosphoprotein phosphatase [goid 32515] [p
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [evidence IEA]; The pr
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The conversion of proteins that induce or sustain apoptosis to an active form [goid 8633] [pmid
The conversion of proteins that induce or sustain apoptosis to an active form [goid 8633] [pmid
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
NA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 9013334] [evide

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The whole of the physical, chemical, and biochemical processes carried out by multicellular org
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

RNA."

"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"Lengthening of the distance between poles of the mitotic spindle [goid 22] [pmid 9885575] [evic
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that maintains the redox environment of a cell or compartment within a cell [goid 4
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
"Any process that maintains the redox environment of a cell or compartment within a cell [goid 4
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

Any immune system process that functions in the calibrated response of an organism to a poten
"The process whose specific outcome is the progression of the skeleton over time, from its form
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The chemical reactions and pathways involving superoxide, the superoxide anion O2- (superox
"A form of programmed cell death induced by external or internal signals that trigger the activity
Any immune system process that functions in the calibrated response of an organism to a poten
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any cellular process that results in the specification, formation or maintenance of the apicobasa

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The chemical reactions and pathways involving glucose, the aldohexose gluco-hexose. D-glucc
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of a fatty acid, any of the alipha
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 2342480] [evid
"The chemical reactions and pathways involving glycogen, a polydisperse, highly branched gluc
"The process that gives rise to the mesoderm. This process pertains to the initial formation of th
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"Any process that modulates the frequency, rate or extent of addition of phosphate groups into a
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

The process of introducing a phosphate group on to a protein [goid 6468] [pmid 3755548] [evide
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 16611985] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 1986216] [evide
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8226978] [evid
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A ser
"A series of reactions, mediated by protein kinases, which occurs as a result of a single trigger r
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A ser
The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10231560] [evic
"Any process that contributes to the maintenance of proper telomeric length and structure by aff
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A pro
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7633447] [evide
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9154127] [evide
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o

"Any process by which DNA and associated proteins are formed into a compact, orderly structur
The addition of a methyl group to a protein amino acid. A methyl group is derived from methane

"The addition of a methyl group to a protein amino acid. A methyl group is derived from methane
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The formation and assembly from one or more snRNA and multiple protein components of a rib
Any process by which an organism has an effect on an organism of a different species [goid 44
"The modification of histones by addition of methyl groups [goid 16571] [pmid 15494416] [evider
"The modification of histones by addition of methyl groups [goid 16571] [pmid 16051612] [evider
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
RNA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 12052963] [evider

"Any immune system process that functions in the calibrated response of an organism to a pote
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The sequential process by which the multiple coagulation factors of the blood interact, ultimatel

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 11
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The formation of a tri-snRNP complex containing U4 and U6 (or U4atac and U6atac) snRNAs a
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein ap
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The chemical reactions and pathways involving a nucleoside, a nucleobase linked to either beta
"The chemical reactions and pathways involving a nucleoside, a nucleobase linked to either beta
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"The series of events required for an organism to receive a visual stimulus, convert it to a molec

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process that modulates the frequency, rate or extent of ARF protein signal transduction [gc
"Any process that modulates the frequency, rate or extent of attachment of a cell to another cell
"Any process that modulates the frequency, rate or extent of ARF protein signal transduction [gc
"Any process that modulates the frequency, rate or extent of ARF protein signal transduction [gc
"Any process that modulates the frequency, rate or extent of ARF protein signal transduction [gc
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"The proteolytic cleavage of transmembrane proteins and release of their ectodomain (extracellu
"The set of physiological processes that allow an embryo or foetus to develop within the body of
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

The process of introducing a phosphate group on to a protein [goid 6468] [evidence NAS]
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein by the destructio
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process whose specific outcome is the progression of the blastocyst over time, from its for
"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"The process whose specific outcome is the progression of the blastocyst over time, from its for
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription [goid
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The hydrolysis of a peptide bond or bonds within a protein using energy from the hydrolysis of
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process by which an antigen-presenting cell expresses antigen (peptide or lipid) of exogen
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The aggregation, arrangement and bonding together of a mature, active proteasome complex [
"The aggregation, arrangement and bonding together of a mature, active proteasome complex [

variant 2, mRNA."

ding RNA. XM_001723557"
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the formation of L-serine, the levorotatory iso
"A process that results in a parallel arrangement of microtubules [goid 1578] [pmid 12427559] [e
"The incorporation of selenocysteine into a peptide; uses a special tRNA that recognizes the UG
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrac

"The appearance of a cytokine due to biosynthesis or secretion following a cellular stimulus, res
The covalent attachment of a prenyl moiety to a protein amino acid [goid 18346] [evidence IEA]
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways resulting in the formation of phosphatidylserines, any of a
"The chemical reactions and pathways resulting in the formation of phosphatidylserines, any of a
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 10918
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any immune system process that functions in the calibrated response of an organism to a pote
"The chemical reactions and pathways involving prostaglandins, any of a group of biologically ac
"The chemical reactions and pathways resulting in the formation of prostaglandins, any of a grou
"Any process that contributes to the maintenance of proper telomeric length and structure by aff
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The chemical reactions and pathways resulting in the formation of prostaglandins, any of a grou
"The chemical reactions and pathways involving leukotriene, a pharmacologically active substar
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The series of molecular signals generated as a consequence of a peptide neurotransmitter binc
"The process whereby a chondroblast acquires specialized structural and/or functional features
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The a
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The biological process whose specific outcome is the progression of a multicellular organism ov
"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa
b (PTPLB), mRNA."
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"A signal transduction pathway, induced by DNA damage, that blocks cell cycle progression (in
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 845
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 895
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
RNA."
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 751
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 164
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 164
"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 17
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 153
"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 15
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Any process that activates or increases the frequency, rate or extent of T cell mediated cytotoxi

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 108
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
ling RNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
The directed movement of a protein from the cytoplasm to the nucleus [goid 6606] [pmid 10781

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"Any process that modulates the frequency, rate or extent of the chemical reactions and pathwa
"The process by which interchain hydrogen bonds between two strands of DNA are broken or 'm
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA];

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The attachment of an adhesion molecule in one cell to an identical molecule in an adjacent cell

The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [pr
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The cas

"Any immune system process that functions in the calibrated response of an organism to a pote
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 16142408] [evi

"The characteristic movement of immature neurons from germinal zones to specific positions wh

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A proces

"The chemical reactions and pathways resulting in the formation of proline (pyrrolidine-2-carboxy
"The chemical reactions and pathways resulting in the formation of proline (pyrrolidine-2-carboxy
"The chemical reactions and pathways resulting in the formation of proline (pyrrolidine-2-carboxy

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The process whose specific outcome is the progression of the kidney over time, from its format
"The series of molecular signals initiated by binding of Wnt protein to a frizzled family receptor o
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c
The process of removal or addition of one or more electrons with or without the concomitant rem
The set of physiological processes that allow an embryo or foetus to develop within the body of
"The process of coupling glutamate to glutamyl-tRNA, catalyzed by glutamyl-tRNA synthetase. I
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
"The chemical reactions and pathways resulting in the formation of queuosines, any of a series
"The chemical reactions and pathways resulting in the formation of queuosines, any of a series

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any series of molecular signals in which a small monomeric GTPase relays one or more of the

"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A organ system process carried out by any of the organs or tissues of the respiratory system. T
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of substances from the Golgi to the plasma membrane in transport ves
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"A process that is carried out at the cellular level which results in the formation, arrangement of

"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the

"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The uptake of external materials by cells, utilizing receptors to ensure specificity of transport. A
"The progression of biochemical and morphological phases and events that occur in a cell durin
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s

"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two c
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"A signal transduction based surveillance mechanism that prevents the initiation of mitosis until
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The repair of double-strand breaks in DNA via homologous and nonhomologous mechanisms t
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways involving DNA, deoxyribonucleic acid, one of the two ma
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep
"The error-free repair of a double-strand break in DNA in which the broken DNA molecule is rep

"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio

The directed movement of mRNA from the nucleus to the cytoplasm [goid 6406] [pmid 1020902
Any immune system process that functions in the calibrated response of an organism to a poten
Any immune system process that functions in the calibrated response of an organism to a poten
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8063729] [evid
"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10421840] [evi
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The process whose specific outcome is the progression of an embryo from its formation until th
"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
pt variant 1, mRNA."
"
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving DNA, deoxyribonucleic acid, one of the two ma
"The directed movement of substances within a cell [goid 46907] [evidence IEA]; A process that

"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
The directed movement of substances within a cell [goid 46907] [evidence IEA]
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The process whose specific outcome is the progression of nervous tissue over time, from its for
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
"The process of coupling arginine to arginyl-tRNA, catalyzed by arginyl-tRNA synthetase. In tRN
"The process of coupling arginine to arginyl-tRNA, catalyzed by arginyl-tRNA synthetase. In tRN
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two c
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of small GTPase mediated signal trar
"A series of molecular signals within the cell that are mediated by a member of the Ras superfar
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 10918
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa
"The cascade of processes by which a signal interacts with a receptor, causing a change in the I
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
"The process whose specific outcome is the progression of the liver over time, from its formation
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whereby new strands of DNA are synthesized. The template for replication can eit

The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [evide
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process whereby phagocytes engulf external particulate material. The particles are initially
"The chemical reactions and pathways involving carbohydrates, any of a group of organic compo
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
nber B (RBM), mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

A."

"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"An inflammatory response driven by antigen recognition by antibodies bound to Fc receptors on
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"Any process involved in the conversion of one or more primary RNA transcripts into one or mor

"A cascade of processes induced by the cell cycle regulator phosphoprotein p53, or an equivale
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r

"The biological process whose specific outcome is the progression of a multicellular organism ov

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of one or more primary RNA transcripts into one or more
"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
The process whereby new strands of DNA are synthesized. The template for replication can eith
Any process involved in the conversion of one or more primary RNA transcripts into one or more

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
P), non-coding RNA."
P), non-coding RNA."
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The formation of mesodermal clusters that are arranged segmentally along the anterior posterio

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
dependent formaldehyde dehydrogenase) (FDH) (RCADH5), mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process whose specific outcome is the progression of the central nervous system over time
The process by which anatomical structures are generated and organized. Morphogenesis perta
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
ing protein 2 (RCBTB2), mRNA."
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 3678831] [evide
"The progression of biochemical and morphological phases and events that occur in a cell durin

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10085068] [evidenc
2, mRNA."
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways involving retinol, one of the three compounds that makes
The process of removal or addition of one or more electrons with or without the concomitant rem
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways resulting in the formation of estrogens, C18 steroid horm

"Formation of a microvillus, a thin cylindrical membrane-covered projection on the surface of a c
"The cell cycle process by which the sister chromatids of a replicated chromosome are joined al
"A developmental process, independent of morphogenetic (shape) change, that is required for a
"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
The process by which a protein is incorporated into a biological membrane [goid 51205] [pmid 1

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving mannose, the aldohexose manno-hexose, the

The process whereby new strands of DNA are synthesized. The template for replication can eith
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The directed movement of substances from the Golgi back to the endoplasmic reticulum, media
"Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The chemical reactions and pathways involving retinol, one of the three compounds that makes
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The process whereby new strands of DNA are synthesized, using parental DNA as a template f
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The biological process whose specific outcome is the progression of a multicellular organism ov

"The directed movement of lipids into, out of, within or between cells. Lipids are compounds solu

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"Any process that stops, prevents or reduces the frequency, rate or extent of G-protein coupled
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughter
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction
"Any process that modulates the frequency, rate or extent of G-protein coupled receptor protein
"The process by which cells digest parts of their own cytoplasm; allows for both recycling of mac
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [pmid 860
"Any process that stops, prevents or reduces the frequency, rate or extent of signal transduction

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The developmental process by which the size or shape of a cell is generated and organized. M
"The process of apoptosis in transformed cells, cells that have undergone changes manifested b
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process by which a protein is transported to, or maintained in, a specific location [goid 810
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwork
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
NA."
"Any process that modulates the frequency, rate or extent of G-protein coupled receptor protein
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The progression of biochemical and morphological phases and events that occur in a cell durin

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A for

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The i
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The set of physiological processes that allow an embryo or foetus to develop within the body of

g (RLTPR), mRNA."
RNA."
."
RNA."
RNA."
RNase MRP RNA."

"The chemical reactions and pathways resulting in the breakdown of RNA, ribonucleic acid, one
Any process by which a pre-mRNA or mRNA molecule is cleaved at specific sites or in a regulat
RNA."
"The chemical reactions and pathways resulting in the breakdown of RNA, ribonucleic acid, one
"The process whereby new strands of DNA are synthesized. The template for replication can eit

"The synthesis of ribosomal RNA (rRNA), any RNA that forms part of the ribosomal structure, fr
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"The chemical reactions and pathways resulting in the breakdown of RNA, ribonucleic acid, one
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwor
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that activates or increases the frequency, rate or extent of transcription [goid 4594
"The process whose specific outcome is the progression of the central nervous system over time
"The process by which a ubiquitin moiety, or multiple moieties, are covalently attached to the tar
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The biological process whose specific outcome is the progression of a multicellular organism ov

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"A process that is carried out at the cellular level which results in the formation, arrangement of
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

Addition of the 7-methylguanosine cap to the 5' end of a nascent messenger RNA transcript [go
"The chemical reactions and pathways resulting in the breakdown of mRNA, messenger RNA, w
Addition of the 7-methylguanosine cap to the 5' end of a nascent messenger RNA transcript [go
Any process involved in the conversion of one or more primary RNA transcripts into one or more
RNA."
"The chemical reactions and pathways resulting in the formation of leukotriene, a pharmacologic
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w

ar RNA."

ar RNA."

"The directed movement of a motile cell or organism, or the directed growth of a cell guided by a
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A cellular process resulting in the division of the cytoplasm of a cell and its separation into two
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
ndrial protein, mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The s
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat
"
"The chemical reactions and pathways resulting in the formation of GTP, guanosine triphosphat

"The chemical reactions and pathways involving glycerol, 1,2,3-propanetriol, a sweet, hygroscop
"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme
"The process whereby new strands of DNA are synthesized, using parental DNA as a template t
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The branch of the pentose-phosphate shunt which does not involve oxidation reactions. It comp
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
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The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
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The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The successive addition of amino acid residues to a nascent polypeptide chain during protein b
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi

The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g

The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The successive addition of amino acid residues to a nascent polypeptide chain during protein b
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-
"The process preceding formation of the peptide bond between the first two amino acids of a pr
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A ser
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]

The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"The successive addition of amino acid residues to a nascent polypeptide chain during protein b
L, mRNA."
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [p

"A series of molecular signals within the cell that are mediated by a member of the Ras superfar
"A series of molecular signals within the cell that are mediated by a member of the Ras superfar
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The process whereby new strands of DNA are synthesized. The template for replication can eit
RNA."
RN3P2), non-coding RNA."
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

A."
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The process of the formation of the constituents of the ribosome subunits, their assembly, and
The chemical reactions and pathways resulting in the formation of any member of a large group
Reactions triggered in response to the presence of a virus that act to protect the cell or organism

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The directed movement of iron (Fe) ions into, out of, within or between cells [goid 6826] [evider

The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

"Progression through the nuclear division phase of a meiotic cell cycle, the specialized nuclear a

"A series of molecular signals within the cell that are mediated by a member of the Ras superfar

Any process involved in the conversion of one or more primary RNA transcripts into one or more
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that contributes to the maintenance of proper telomeric length and structure by aff
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A form of programmed cell death induced by external or internal signals that trigger the activity

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any process that stops, prevents or reduces the frequency, rate or extent of anti-apoptosis [goi
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
The regrowth of axons following their loss or damage [goid 31103] [pmid 14664809] [evidence T
The process by which a protein is incorporated into a biological membrane [goid 51205] [pmid 1
The series of events required for a bitter taste stimulus to be received and converted to a molec
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The biological process whose specific outcome is the progression of a multicellular organism ov

Any series of molecular signals in which a small monomeric GTPase relays one or more of the s

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8726462] [evid
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A transition where an epithelial cell loses apical/basolateral polarity, severs intercellular adhesiv
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"Any immune system process that functions in the calibrated response of an organism to a pote

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Process involving non-antibody proteins whose concentrations in the plasma increase in respon
"The progression of biochemical and morphological phases and events that occur in a cell durin
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that results in the specification, formation or maintenance of the physical structure
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that activates or increases the frequency, rate or extent of the chemical reactions a

06), mRNA."

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

Any immune system process that functions in the calibrated response of an organism to a poten
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of phosphoprotein phosphatase activi
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of coupling serine to seryl-tRNA, catalyzed by seryl-tRNA synthetase. In tRNA am
"The process of coupling serine to seryl-tRNA, catalyzed by seryl-tRNA synthetase. In tRNA am
Any process involved in the conversion of one or more primary RNA transcripts into one or more

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The proliferation of cells in the inner cell mass [goid 1833] [evidence ISS]; Any process involvec
7.
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
"The process of removing one or more phosphoric (ester or anhydride) residues from a molecul
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"A change in morphology and behavior of a macrophage resulting from exposure to a cytokine,
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
The cell cycle process whereby the synaptonemal complex is formed. This is a structure that ho
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The multiplication or reproduction of endothelial cells, resulting in the expansion of a cell popula
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

."
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The process whose specific outcome is the progression of the epidermis over time, from its forr
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr
"Cascade of at least three protein kinase activities culminating in the phosphorylation and activa

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The directed movement of copper (Cu) ions into, out of, within or between cells [goid 6825] [evi

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; A proces
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The c
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of directing proteins towards a membrane using signals contained within the prote
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
RNA."
RNA."

"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv

ALP1) on chromosome 3."
AP2), non-coding RNA."
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
A."

"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways involving amino acids, organic acids containing one or m

The proteolytic removal of a signal peptide from a protein during or after transport to a specific lo
The proteolytic removal of a signal peptide from a protein during or after transport to a specific lo
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
NA."
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"The targeting of proteins to a membrane that occurs during translation. The transport of most s
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome-

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
The series of molecular signals initiated by binding of an extracellular ligand to a Notch receptor

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways resulting in the formation of phospholipids, any lipid cont
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"Any process that maintains the redox environment of a cell or compartment within a cell [goid 4
"The biological process whose specific outcome is the progression of a multicellular organism ov
The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi
"The biological process whose specific outcome is the progression of a multicellular organism ov
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
"Any immune system process that functions in the calibrated response of an organism to a pote
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10652325] [evider
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the formation of selenocysteine, an essential
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways involving the nonmetallic element selenium or compound
"The incorporation of selenocysteine into a peptide; uses a special tRNA that recognizes the UG
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
The process of restoring a protein to its original state after damage by such things as oxidation o

Any process that modulates the propensity of mRNA molecules to degradation. Includes proces
"The process whose specific outcome is the progression of nervous tissue over time, from its for

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving phosphatidylserines, any of a class of glycerop
A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Process involving non-antibody proteins whose concentrations in the plasma increase in respor

10 (SERPINA10), transcript variant 1, mRNA."
11 (SERPINA11), mRNA."
psin), member 2 (SERPINA2), mRNA."
4 (SERPINA4), mRNA."
9 (SERPINA9), mRNA."
"
lA."
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
pt variant 1, mRNA."
pt variant 1, mRNA."
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 691
"The sequential process by which the multiple coagulation factors of the blood interact, ultimatel
"The biological process whose specific outcome is the progression of a multicellular organism o
"The biological process whose specific outcome is the progression of a multicellular organism o
"
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [pmid 64348
"Any process that stops, prevents or reduces the frequency, rate or extent of cell growth [goid 3
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g
"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g

"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The alteration of DNA or protein in chromatin, which may result in changing the chromatin struc
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The repair of double-strand breaks in DNA via homologous and nonhomologous mechanisms t
"
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Recognition of the intron 3'-splice site by components of the assembling U2- or U12-type splice
"Recognition of the intron 3'-splice site by components of the assembling U2- or U12-type splice
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
mRNA."
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of CDK activity [goid 79] [evidence IE
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteri

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of gaseous exchange between an organism and its environment. In plants, microc
"Any process that modulates the frequency, rate, or extent of production of a cytokine [goid 181
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"A process whereby force is generated within muscle tissue, resulting in a change in muscle ge
"The binding of a cell to the extracellular matrix via adhesion molecules [goid 7160] [pmid 9405
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10548550] [evi
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving sphingolipids, any of a class of lipids containing

"The chemical reactions and pathways involving proteoglycans, any glycoprotein in which the ca
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process involved in the controlled movement of a cell [goid 6928] [evidence IEA]; A series
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
A defense response that is mediated by cells [goid 6968] [pmid 9774102] [evidence NAS]; Any p
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"A cascade of protein kinase activities, culminating in the phosphorylation and activation of a me
"A cascade of protein kinase activities, culminating in the phosphorylation and activation of a me

"The aggregation, arrangement and bonding together of a set of components to form a protein c

Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A type of vesicle-mediated transport in which cells take up external materials or membrane con

"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The process by which a protein is incorporated into a mitochondrial membrane as an early step

"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

Cascade of at least three protein kinase activities culminating in the phosphorylation and activat

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The directed movement of hormones into, out of, within or between cells [goid 9914] [evidence
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10373512] [evidenc
The biological process whose specific outcome is the progression of a multicellular organism ov
The biological process whose specific outcome is the progression of a multicellular organism ov
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The chemical reactions and pathways involving glycine, aminoethanoic acid [goid 6544] [evider
"The chemical reactions and pathways involving glycine, aminoethanoic acid [goid 6544] [evider
A series of molecular signals within the cell that are mediated by a member of the Ras superfam
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u

The developmental process by which the size or shape of a cell is generated and organized. Mo
"The developmental process by which the size or shape of a cell is generated and organized. M
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9334332] [evidenc
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

\."

"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The chemical reactions and pathways resulting in the formation of melanin from other compour
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that modulates the frequency, rate or extent of small GTPase mediated signal tran
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The process leading to the rupture of the follicle, releasing the centrally located oocyte into the
"Repression of transcription of ribosomal DNA by the formation of heterochromatin [goid 183] [p
"Repression of transcription by altering the structure of chromatin, e.g. by conversion of large re
"Repression of transcription by altering the structure of chromatin, e.g. by conversion of large re
"Repression of transcription by altering the structure of chromatin, e.g. by conversion of large re

"Any immune system process that functions in the calibrated response of an organism to a pote

"A process that directly activates any of the steps required for cell death by apoptosis [goid 691
"The process whose specific outcome is the progression of the ureteric bud over time, from its f
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The progression of biochemical and morphological phases and events that occur in a cell durin
t 1, mRNA."
"Any immune system process that functions in the calibrated response of an organism to a pote
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"A process that is carried out at the cellular level which results in the formation, arrangement of

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Progression from G1 phase to S phase of the mitotic cell cycle [goid 82] [pmid 7553852] [evide

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"A change in morphology and behavior of a lymphocyte resulting from exposure to a specific an

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of oligopeptides into, out of, within or between cells. Oligopeptides are
"The directed movement of oligopeptides into, out of, within or between cells. Oligopeptides are
"The directed movement of oligopeptides into, out of, within or between cells. Oligopeptides are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of monoamines, organic compounds that contain one amino group tha
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of dicarboxylic acids into, out of, within or between cells [goid 6835] [e\
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways involving triacylglycerol, any triester of glycerol. The thre
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
A."
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the formation of ATP, adenosine 5'-triphosph
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"A cyclic metabolic pathway that converts waste nitrogen in the form of ammonium to urea [goid
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The maintenance of the structure and integrity of the mitochondrial genome; includes replicatio
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greater
"The chemical reactions and pathways involving fatty acids with a chain length of C18 or greater
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
"The process whereby a solute is transported from one side of a membrane to the other. This pr
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whereby a solute is transported from one side of a membrane to the other. This pr
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
"The directed movement of cations, atoms or small molecules with a net positive charge, into, ou
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c

"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The chemical reactions and pathways involving UDP-N-acetylglucosamine, a substance compo
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of nucleotide-sugars into, out of, within or between cells. Nucleotide-su
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of nucleotide-sugars into, out of, within or between cells. Nucleotide-su
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The directed movement of carbohydrate into, out of, within or between cells. Carbohydrates are
"The process of regulating the proliferation and elimination of neutrophils such that the total num
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of cations, atoms or small molecules with a net positive charge, into, o

"The directed movement of cations, atoms or small molecules with a net positive charge, into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The chemical reactions and pathways resulting in the formation of melanin from other compour
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of anions, atoms or small molecules with a net negative charge, into, o
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [p
P), mRNA."
"The directed movement of anions, atoms or small molecules with a net negative charge, into, o
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
dogene) (SLC6A10P) on chromosome 16."
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of beta-alanine, 3-aminopropanoic acid, into, out of, within or between
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The chemical reactions and pathways involving amino acids, organic acids containing one or m
"The directed movement of levorotatory isomer amino acids into, out of, within or between cells
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of sodium ions (Na+) into, out of, within or between cells [goid 6814] [e
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir
"In nucleotide excision repair a small region of the strand surrounding the damage is removed fr
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of generating multiple mRNA molecules from a given set of exons by differential us
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The process that gives rise to the mesoderm. This process pertains to the initial formation of th
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Branching of the ureteric bud [goid 1658] [evidence IEA]; A change in state or activity of a cell o
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]; Any p
Any process that modulates the activity of the GTPase ARF [goid 32312] [evidence IEA]
"Dynamic structural changes to eukaryotic chromatin that require energy from the hydrolysis of A
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The aggregatio
"Any process that modulates the frequency, rate or extent of DNA recombination, a process by w
"The chemical reactions and pathways involving DNA, deoxyribonucleic acid, one of the two ma
"The hatching of the cellular blastocyst from the zona pellucida [goid 1835] [evidence IEA]; Dyna
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Dynamic struct
"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; Dynamic struct
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The developmental process by which the heart is generated and organized. The heart is a hollo
"The controlled breakdown of nucleosomes, the beadlike structural units of eukaryotic chromatir

"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditic
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"A process that is carried out at the cellular level that results in the formation, arrangement of co
"The process by which the sperm binds to the zona pellucida glycoprotein layer of the egg. The
) (SMCR5), non-coding RNA."
NA."

"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a

"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"The chemical reactions and pathways resulting in the breakdown of spermine, a polybasic amir
"The chemical reactions and pathways involving sphingomyelin, N-acyl-4-sphingenyl-1-O-phosp
"The chemical reactions and pathways involving sphingomyelin, N-acyl-4-sphingenyl-1-O-phosp
"The chemical reactions and pathways resulting in the breakdown of sphingomyelin, N-acyl-4-sp
"The chemical reactions and pathways resulting in the breakdown of sphingomyelin, N-acyl-4-sp
"The chemical reactions and pathways resulting in the breakdown of sphingomyelin, N-acyl-4-sp
"The chemical reactions and pathways resulting in the breakdown of sphingomyelin, N-acyl-4-sp

"The chemical reactions and pathways involving methionine (2-amino-4-(methylthio)butanoic ac
"A process whereby force is generated within smooth muscle tissue, resulting in a change in mu

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by

"The alteration of DNA or protein in chromatin, which may result in changing the chromatin struc

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of substances from the Golgi to other parts of the cell, including organe
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways involving dopamine, a catecholamine neurotransmitter a
"The chemical reactions and pathways involving dopamine, a catecholamine neurotransmitter a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
A."
RNA."
RNA."
A."
A."
5.
6.
A."
nt 2, non-coding RNA."
3.
A."
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

cleolar RNA."

cleolar RNA."
ng RNA."

"The regulated release of neurotransmitter into the synaptic cleft. A neurotransmitter is any of a
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 12234663] [evi

: 4, mRNA."

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
The process of removing sections of the primary RNA transcript to remove sequences not prese
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
The formation and assembly from one or more snRNA and multiple protein components of a rib
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
The formation and assembly from one or more snRNA and multiple protein components of a rib
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
The process of removing sections of the primary RNA transcript to remove sequences not prese
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
2) (SNTB2), transcript variant 1, mRNA."
"The formation and assembly from one or more snRNA and multiple protein components of a rib
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The chemical reactions and pathways resulting in the breakdown of cholesterol, cholest-5-en-3
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 9727
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The series of molecular signals generated as a consequence of a peptide neurotransmitter bind
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"Any process that modulates the frequency, rate or extent of Rho protein signal transduction [go
"Any developmental process that results in the creation of defined areas or spaces within an org
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The process involved in the specification of cell identity. Once specification has taken place, a c
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The set of physiological processes that allow an embryo or foetus to develop within the body of
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whereby a relatively unspecialized cell acquires the specialized features of a natur
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways resulting in the breakdown of peptidoglycans, any of a cl
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
The union of male and female gametes to form a zygote [goid 7338] [pmid 1299558] [evidence T
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The process whose specific outcome is the progression of a male gamete over time, from initia

"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov

"A form of programmed cell death induced by external or internal signals that trigger the activity

mRNA."
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
The proteolytic removal of a signal peptide from a protein during or after transport to a specific lo
The proteolytic removal of a signal peptide from a protein during or after transport to a specific lo
The proteolytic removal of a signal peptide from a protein during or after transport to a specific lo
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
A."
A series of molecular signals initiated by the cross-linking of an antigen receptor on a B or T cell
IA."
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 9635427] [evidenc
The process whereby new strands of DNA are synthesized. The template for replication can eith
"The chemical reactions and pathways resulting in the formation of sphinganine-1-phosphate, th
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"A form of programmed cell death induced by external or internal signals that trigger the activity
The generation and maintenance of gametes. A gamete is a haploid reproductive cell [goid 7276
The generation and maintenance of gametes. A gamete is a haploid reproductive cell [goid 7276
NA."
"Any process that stops, prevents or reduces the frequency, rate or extent of angiogenesis [goid

"The process by which the anatomical structures of branches are generated and organized. Mor
Any process involved in the controlled movement of a cell [goid 6928] [pmid 9434156] [evidence
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 8389704] [evidenc
"The biosynthesis of a synapse [goid 7416] [pmid 10386950] [evidence NAS]; A process that is

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"The process whose specific outcome is the progression of the skeleton over time, from its form

Any process that modulates the occurrence or rate of cell death by apoptosis in neurons [goid 4
"The chemical reactions and pathways resulting in the formation of tetrahydrobiopterin, the redu
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [evidence
"Any process that terminates the activity of the active enzyme MAP kinase [goid 188] [evidence
"The process whose specific outcome is the progression of the epidermis over time, from its forr
"The process in which the cytoplasm of the outermost cells of the vertebrate epidermis is replac
"The process whose specific outcome is the progression of the ureteric bud over time, from its fo
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi
"The biological process whose specific outcome is the progression of a multicellular organism ov

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"Control of the spatial distribution of actin filaments; includes organizing filaments into meshwork
"The binding of a protein or protein complex to the barbed (or plus) end of an actin filament, thus
"[goid 7182] [evidence IEA]; [goid 7184] [evidence IEA]; The binding of a protein or protein com
"The specific activation or halting of processes within a cell so that its vital functions markedly ce
"Process by which cytoskeletal filaments are directly or indirectly linked to the plasma membrane
"The chemical reactions and pathways involving sphingolipids, any of a class of lipids containing
The chemical reactions and pathways resulting in the formation of substances; typically the ener
The chemical reactions and pathways resulting in the formation of substances; typically the ener
A."
"The chemical reactions and pathways resulting in the formation of sterols, steroids with one or
The process of removal or addition of one or more electrons with or without the concomitant rem
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
Any process involved in the conversion of one or more primary RNA transcripts into one or more
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The a
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The process whereby a relatively unspecialized cell acquires the specialized features of a troph
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"The directed movement of calcium (Ca) ions into, out of, within or between cells [goid 6816] [ev

"The chemical reactions and pathways resulting in the formation of spermidine, N-(3-aminoprop
"The targeting of proteins to a membrane that occurs during translation and is dependent upon t
gene 1 (SRP14P1), non-coding RNA."
"The targeting of proteins to a membrane that occurs during translation and is dependent upon t
"The targeting of proteins to a membrane that occurs during translation and is dependent upon t

"The targeting of proteins to a membrane that occurs during translation and is dependent upon t
"The targeting of proteins to a membrane that occurs during translation and is dependent upon t
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 11509566] [evi
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"The targeting of proteins to a membrane that occurs during translation and is dependent upon t

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways involving L-serine, the levorotatory isomer of 2-amino-3-h
Any process pertinent to the generation and maintenance of rhythms in the physiology of an org
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
RNA."
"The process whose specific outcome is the progression of the dendrite over time, from its forma
A."
Any process involved in the conversion of one or more primary RNA transcripts into one or more
The process whereby new strands of DNA are synthesized. The template for replication can eith
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process of removing one or more phosphoric residues from a protein [goid 6470] [pmid 118
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence

"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"The targeting of proteins to a membrane that occurs during translation. The transport of most s
"The targeting of proteins to a membrane that occurs during translation. The transport of most s
"The targeting of proteins to a membrane that occurs during translation. The transport of most s
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The progression of biochemical and morphological phases and events that occur in a cell durin

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10373424] [eviden
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways involving any amino sugar, sugars containing an amino g
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways resulting in the formation of ceramide oligosaccharides c
"The chemical reactions and pathways involving any amino sugar, sugars containing an amino g
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp

ome 7.

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The progression of biochemical and morphological phases and events that occur in a cell durin

"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The directed movement of proteins in a cell, including the movement of proteins between speci

"The chemical reactions and pathways resulting in the formation of steroids, compounds with a

"The chemical reactions and pathways resulting in the formation of steroids, compounds with a
"The chemical reactions and pathways resulting in the formation of steroids, compounds with a

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The set of processes resulting in differentiation of theca and granulosa cells into luteal cells and
"The set of processes resulting in differentiation of theca and granulosa cells into luteal cells and
"Any process that stops, prevents, or reduces the frequency, rate, or extent of a T-helper 2 type
"Any process by which mRNA is transported to, or maintained in, a specific location within the ce
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The r
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The biological process whose specific outcome is the progression of a multicellular organism ov
"The series of events in which a calcium ion stimulus is received by a cell and converted into a r
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9278426] [evide
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 12805220] [evi

"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9786912] [evid

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 8566796] [evid
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 10806483] [evi
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 15067004] [evi

"The developmental process by which the size or shape of a cell is generated and organized. M
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
A series of reactions within the cell that occur as a result of a single trigger reaction or compoun
"The process of creating protein oligomers, compounds composed of a small number, usually be
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process involved in the controlled movement of a cell [goid 6928] [evidence IEA]; The biolo
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 15
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr
"The process of targeting specific proteins to particular membrane-bounded subcellular organell
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
The process of removing one or more phosphoric residues from a protein [goid 6470] [evidence
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"A nearly universal metabolic pathway in which the acetyl group of acetyl coenzyme A is effectiv
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving any of a group of physiologically important biog

"The chemical reactions and pathways involving any of a group of physiologically important biog
"The chemical reactions and pathways involving any of a group of physiologically important biog
transcript variant 3, mRNA."
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent

"The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [evide

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
The process of removal or addition of one or more electrons with or without the concomitant rem
"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle
"The process by which interchain hydrogen bonds between two strands of DNA are broken or 'm
"The aggregation, arrangement and bonding together of a set of components to form respiratory
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The formation or destruction of chromatin structures [goid 6333] [evidence IEA]; The synthesis
"The formation or destruction of chromatin structures [goid 6333] [evidence ISS]; The formation
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of a neurotransmitter into, out of, within or between cells. Neurotransm
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Recombination occurring within or between DNA molecules in somatic cells [goid 16444] [evide

"The progression of biochemical and morphological phases and events that occur in a cell durin

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The regulated release of serotonin by a cell or group of cells. Serotonin (5-hydroxytryptamine, c
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
"Any cellular process that depends upon or alters the intermediate filament cytoskeleton, that pa

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
RNA."

"The chemical reactions and pathways involving the phosphate group, the anion or salt of any p
"The process of targeting specific proteins to particular membrane-bounded subcellular organell

"Any process that activates or increases the frequency, rate or extent of the assembly of actin fil
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of molecular signals generated as a consequence of a tachykinin, i.e. a short peptid
"The progression of biochemical and morphological phases and events that occur in a cell durin
, mRNA."
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
01), nuclear gene encoding mitochondrial protein, mRNA."
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
68kDa (TAF15), transcript variant 1, mRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
a (TAF1D), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process involved in the assembly of the RNA polymerase complex at the promoter region c
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
r, 31kDa (TAF9L), mRNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process whose specific outcome is the progression of the muscle over time, from its forma
"The process whose specific outcome is the progression of the muscle over time, from its forma
"The process whose specific outcome is the progression of the central nervous system over time

"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
RNA."
RNA."
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The initiation of the activity of the inactive enzyme MAP kinase kinase by phosphorylation by a
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; Any proc
"The directed movement of oligopeptides into, out of, within or between cells. Oligopeptides are
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The process by which an antigen-presenting cell expresses a peptide antigen of endogenous o

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of coupling threonine to threonyl-tRNA, catalyzed by threonyl-tRNA synthetase. In
"The process of coupling threonine to threonyl-tRNA, catalyzed by threonyl-tRNA synthetase. In
"The process of coupling threonine to threonyl-tRNA, catalyzed by threonyl-tRNA synthetase. In
"The series of events required for a bitter taste stimulus to be received and converted to a molec
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A form of programmed cell death induced by external or internal signals that trigger the activity

"A series of molecular signals within the cell that are mediated by a member of the Rho family o
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
:), mRNA."
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE

Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
"The flow of blood through the body of an animal, enabling the transport of O2 and nutrients to t
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE
The aggregation and bonding together of alpha- and beta-tubulin to form a tubulin heterodimer [
"The biological process whose specific outcome is the progression of a multicellular organism ov
Completion of folding of alpha- and beta-tubulin; takes place subsequent to chaperonin-mediate

Folding of the microtubule constituent protein beta-tubulin [goid 7025] [pmid 8706133] [evidence
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A cha
Innate immune responses are defense responses mediated by germline encoded components t
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The formation of the acrosome from the spermatid Golgi [goid 1675] [evidence IEA]; The chem

"Progression through G1 phase, one of two 'gap' phases in the mitotic cell cycle; G1 is the interv
"The formation of mesodermal clusters that are arranged segmentally along the anterior posteric
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process whose specific outcome is the progression of the skeleton over time, from its form

."

"The extension of an RNA molecule after transcription initiation by the addition of ribonucleotide
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The extension of an RNA molecule after transcription initiation by the addition of ribonucleotide
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
gin C) pseudogene 3 (TCEB1P3), mRNA."
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that activates or increases the frequency, rate or extent of DNA-dependent transcri
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of protons (hydrogen ions) into, out of, within or between cells [goid 15
The biological process whose specific outcome is the progression of a multicellular organism ov

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The process whose specific outcome is the progression of the skeleton over time, from its form

The biological process whose specific outcome is the progression of a multicellular organism ov
"A form of programmed cell death induced by external or internal signals that trigger the activity

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
The chemical reactions and pathways by which individual cells transform chemical substances [
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process whose specific outcome is the progression of the skeleton over time, from its form

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of

"The maintenace of proper telomeric length by the addition of telomeric repeats by telomerase [
"Any process that contributes to the maintenance of proper telomeric length and structure by aff

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; The p
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"The chemical reactions and pathways involving sphingolipids, any of a class of lipids containing

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The covalent alteration of one or more nucleotides within an rRNA molecule to produce an rRN
"The covalent alteration of one or more nucleotides within an rRNA molecule to produce an rRN
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Reactions, triggered in response to the presence of a foreign body or the occurrence of an injur
"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
A pathway of blood coagulation in which the earlier stages of the cascade are bypassed and the
"The sequential process by which the multiple coagulation factors of the blood interact, ultimatel

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The dire
"The regulation of the levels, transport, and metabolism of iron ions within a cell or between a ce
The chemical reactions and pathways by which individual cells transform chemical substances [
"The initiation of the activity of the inactive enzyme MAP kinase by phosphorylation by a MAPKK
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"Any process that stops, prevents or reduces the frequency, rate or extent of cell adhesion [goid
"The process whose specific outcome is the progression of the blood vessel over time, from its f
"A transition where an epithelial cell loses apical/basolateral polarity, severs intercellular adhesiv
RNA."
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The formation of a covalent cross-link between or within protein chains [goid 18149] [evidence
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

riant 2, mRNA."

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The formation of a cell surface protrusion, such as a lamellipodium or filopodium, at the leading

The covalent alteration of one or more nucleotides within a tRNA molecule to produce a tRNA m
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir

"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The multiplication or reproduction of cells, resulting in the expansion of a cell population [goid 8
"
JA."

"The chemical reactions and pathways resulting in the formation of precursor metabolites, subst

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process whose specific outcome is the progression of the immature germ cell over time, fr
"Any series of molecular signals in which a small monomeric GTPase relays one or more of the
"A series of reactions within the cell that occur as a result of a single trigger reaction or compou
"A change in morphology and behavior of a macrophage resulting from exposure to a cytokine,

"A series of reactions initiated by the activation of the transcription factor NF-kappaB. NF-kappa

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

"The process by which the anatomical structures of epithelia are generated and organized. Morp
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [e
Any process that contributes to the maintenance of proper telomeric length and structure by affe
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"The transfer, from NAD, of ADP-ribose to protein amino acids [goid 6471] [evidence IEA]"
"A signal transduction based surveillance mechanism that prevents the initiation of mitosis until
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic

"The aggregation, arrangement and bonding together of a set of components to form a junction

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of chromatin assembly or disassembl
"Any process that modulates the frequency, rate or extent of chromatin assembly or disassembl
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 10610730] [eviden
"Process by which cytoskeletal filaments are directly or indirectly linked to the plasma membran
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The chemical reactions and pathways resulting in the formation of cholesterol, cholest-5-en-3 b

"
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

mRNA."
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

ıRNA."

"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of a protein from the cytoplasm to the nucleus [goid 6606] [evidence IE

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
P), non-coding RNA."
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The biological process whose specific outcome is the progression of a multicellular organism ov
2), mRNA."

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

ɔrotein, mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The covalent alteration of one or more amino acids occurring in a protein after the protein has b

nRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of exocytosis [goid 17157] [evidence

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet

"The directed movement of proteins into, out of, within or between cells [goid 15031] [pmid 166(

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 7694

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The chemical reactions and pathways resulting in the formation of carnitine (hydroxy-trimethyl a
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process of communication from a neuron to another neuron across a synapse [goid 7270]

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The prog
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence NAS]; The hyd
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"A process that is carried out at the cellular level which results in the formation, arrangement of

"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of

ariant 1, mRNA."
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"A form of programmed cell death induced by external or internal signals that trigger the activity

"A form of programmed cell death induced by external or internal signals that trigger the activity
"Upregulation of the activity of a caspase, any of a group of cysteine proteases involved in apop
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"The process of regulating the proliferation and elimination of B cells such that the total number
Any immune system process that functions in the calibrated response of an organism to a poten
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any immune system process that functions in the calibrated response of an organism to a pote
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways involving prostaglandins, any of a group of biologically ac
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"A form of programmed cell death induced by external or internal signals that trigger the activity
"Any series of molecular signals initiated by the binding of an extracellular ligand to a receptor o
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"Any immune system process that functions in the calibrated response of an organism to a pote

"The process of regulating the proliferation and elimination of B cells such that the total number
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"Any process that stops, prevents, or reduces the rate or extent of endothelial cell proliferation [g
"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"A process that directly activates any of the steps required for cell death by apoptosis [goid 6917
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any s
"The maintenace of proper telomeric length by the addition of telomeric repeats by telomerase [g
The maintenace of proper telomeric length by the addition of telomeric repeats by telomerase [g
"A process whereby force is generated within skeletal muscle tissue, resulting in a change in mu
"The differentiation of endothelial cells from progenitor cells during blood vessel development, a
"A process whereby force is generated within skeletal muscle tissue, resulting in a change in mu
"The repair of single strand breaks in DNA. Repair of such breaks is mediated by the same enzy
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

RNA."
"Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [evide
"[goid 7184] [evidence IEA]; Any process that stops, prevents or reduces the rate or extent of ce
"Generation of the female gamete; specialised haploid cells produced by meiosis and along with

"The immediate defensive reaction (by vertebrate tissue) to infection or injury caused by chemic
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
The directed movement of a protein from the cytoplasm to the mitochondrion [goid 43681] [pmic
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The directed movement of anions, atoms or small molecules with a net negative charge, into, o
"The directed movement of anions, atoms or small molecules with a net negative charge, into, o
ear gene encoding mitochondrial protein, transcript variant 1, mRNA."
ear gene encoding mitochondrial protein, mRNA."
"The directed movement of proteins in a cell, including the movement of proteins between speci
MM70A), nuclear gene encoding mitochondrial protein, mRNA."

"The process by which a transformation is induced in the topological structure of a double-stranc

"The process whereby new strands of DNA are synthesized. The template for replication can eit
"The characteristic movement of immature neurons from germinal zones to specific positions wh
"The process by which a transformation is induced in the topological structure of a double-stranc
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"The process of assisting in the correct noncovalent assembly of posttranslational proteins and i
The process of assisting in the correct noncovalent assembly of posttranslational proteins and is
The process of assisting in the correct noncovalent assembly of posttranslational proteins and is
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The vectorial transfer of a protein from the cytoplasm into the nucleus, through the nuclear pore
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"A form of programmed cell death induced by external or internal signals that trigger the activity
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"A form of programmed cell death induced by external or internal signals that trigger the activity

The process of introducing a phosphate group on to a protein [goid 6468] [pmid 11546806] [evic

"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The process by which anatomical structures are generated and organized. Morphogenesis pert
Progression from G2 phase to M phase of the mitotic cell cycle [goid 86] [pmid 16112108] [evide
"Any process that modulates the frequency, rate or extent of cell proliferation [goid 42127] [pmic
"The formation of glucose from noncarbohydrate precursors, such as pyruvate, amino acids and
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
Any process that modulates the rate of ATP hydrolysis by an ATPase [goid 43462] [pmid 17194
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [evidenc
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10965052] [evider
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The hydr
"A process that results in a parallel arrangement of microtubules [goid 1578] [evidence ISS]; Any
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome

"The chemical reactions and pathways resulting in the breakdown of a protein by the destructior
"The posttranslational sulfation of peptidyl-tyrosine residues to form peptidyl-O4'-sulfo-L-tyrosine
The posttranslational sulfation of peptidyl-tyrosine residues to form peptidyl-O4'-sulfo-L-tyrosine
"The directed movement of calcium (Ca) ions into, out of, within or between cells [goid 6816] [pr
The process of removing one or more phosphoric (ester or anhydride) residues from a molecule
"Progression through mitosis, the division of the eukaryotic cell nucleus to produce two daughter
RNA."
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"A form of programmed cell death induced by external or internal signals that trigger the activity
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A series of reactions within the cell that occur as a result of a single trigger reaction or compour

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 15
"Any process that initiates the activity of the inactive enzyme MAP kinase kinase kinase [goid 18

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"The targeting of proteins to a membrane that occurs during translation. The transport of most s

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
RNA."
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,

"The covalent transfer of a methyl group to either N-6 of adenine or C-5 or N-4 of cytosine [goid
"A series of molecular signals in which a cell uses calcium ions to convert an extracellular signal
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; Any p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; Any p
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process by which anatomical structures are generated and organized. Morphogenesis pert
The regionalization process by which embryonic segments are divided into compartments that w

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
Any series of molecular signals in which a small monomeric GTPase relays one or more of the s
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The process whose specific outcome is the progression of nervous tissue over time, from its for

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The discharge, by sperm, of a single, anterior secretory granule following their attachment to th

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra

"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
"A type of vesicle-mediated transport in which cells take up external materials or membrane con
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The synthesis of RNA from a DNA template by RNA polymerase II (Pol II), originating at a Pol I
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The release of NF-kappaB from specific molecules in the cytoplasm to which it was bound, ther
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
ɔt variant 1, mRNA."

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"Any process that modulates the frequency, rate or extent of translational initiation [goid 6446] [e

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"Any process involved in the conversion of one or more primary RNA transcripts into one or mor
"Any process that stops, prevents or reduces the frequency, rate or extent of cell growth [goid 3(

"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The chemical reactions and pathways resulting in the formation of a protein. This is a ribosome
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The intramolecular conversion of uridine to pseudouridine within an RNA molecule. This posttra
"The process whose specific outcome is the progression of the kidney over time, from its format
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"Splicing of tRNA substrates via recognition of the folded RNA structure that brings the 5' and 3'
"Splicing of tRNA substrates via recognition of the folded RNA structure that brings the 5' and 3'
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
The successive addition of amino acid residues to a nascent polypeptide chain during protein bi
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process of formation of spermatozoa, including spermatocytogenesis and spermiogenesis

"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process by which a new genotype is formed by reassortment of genes resulting in gene co
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The biological process whose specific outcome is the progression of a multicellular organism ov

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [pmid

Any process that activates or increases the rate or extent of cell proliferation [goid 8284] [pmid 8
Any process that mediates the transfer of information from one cell to another [goid 7267] [pmid

The posttranslational glycosylation of protein via the N4 atom of peptidyl-asparagine or the N1' a
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir

"The process of directing proteins towards and into the mitochondrion, mediated by mitochondri
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of a nucleosome, the beadlike structural u
"The aggregation, arrangement and bonding together of the mature ribosome and of its subunits
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 15964553] [evi
"The process of introducing a phosphate group on to a protein [goid 6468] [pmid 15870294] [evi
"The directed movement of sulfate into, out of, within or between cells [goid 8272] [evidence IEA
"The attachment of a leukocyte to another cell via adhesion molecules [goid 7159] [pmid 11698
ıscript variant 3, mRNA."
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"A process that is carried out at the cellular level which results in the formation, arrangement of
"A process that is carried out at the cellular level which results in the formation, arrangement of

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The regulation of the levels, transport, and metabolism of iron ions within a cell or between a ce
"The series of events required for an organism to receive a visual stimulus, convert it to a molec
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"Dynamic structural changes to eukaryotic chromatin occurring throughout the cell division cycle
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; A pro
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The directed movement of substances (such as macromolecules, small molecules, ions) into, c
RNA."
RNA."
NA."
g RNA."
g RNA."
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"The directed movement of charged atoms or small charged molecules into, out of, within or bet
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden

"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"Movement of organelles, other microtubules and other particles along microtubules, mediated b
"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any cellular process that depends upon or alters the microtubule cytoskeleton, that part of the c
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The 'de novo' formation of a microtubule, in which tubulin heterodimers form metastable oligom
"The 'de novo' formation of a microtubule, in which tubulin heterodimers form metastable oligom
"The deposition of calcium phosphate in bone tissue [goid 30282] [pmid 12489194] [evidence N

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that mediates the transfer of information from one cell to another [goid 7267] [pmi
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c

The process of introducing a phosphate group on to a protein [goid 6468] [pmid 7507208] [evide

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [ev
"The formation of bone or of a bony substance, or the conversion of fibrous tissue or of cartilage
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo

"Any process that maintains the redox environment of a cell or compartment within a cell [goid 4
"The chemical reactions and pathways involving glycerol ethers, any anhydride formed between
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
Any process that maintains the redox environment of a cell or compartment within a cell [goid 45
A series of molecular signals generated as a consequence of tumor necrosis factor binding to a
"Oxidation of two organic sulfhydryl groups (thiols) by a disulfide compound to form a disulfide b
A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 2216457] [evide
"The maintenance of the structure and integrity of the mitochondrial genome; includes replicatio

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The a
A defense response that is mediated by cells [goid 6968] [pmid 9490415] [evidence TAS]; A ser
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

Any process involved in the conversion of a primary mRNA transcript into one or more mature m
"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Progression through the phases of the mitotic cell cycle, the most common eukaryotic cell cycle
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The successive addition of amino acid residues to a nascent polypeptide chain during protein b
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

riant 3, mRNA."
ant 1, mRNA."
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Pathways for DNA repair which occur after DNA has replicated, e.g. mismatch repair, and whic
"The covalent alteration of one or more amino acids occurring in a protein after the protein has b
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in a protein after the protein has b
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [evide
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
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"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
g RNA."
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in a protein after the protein has b
"Addition of multiple ubiquitin moieties to a protein, forming a ubiquitin chain [goid 209] [pmid 10
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer

"Any process that modulates the frequency, rate or extent of transcription from an RNA polymer
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga

"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
BTFL5), mRNA."

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"Any process that stops, prevents or reduces the frequency, rate or extent of the chemical reacti
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
, mRNA."
"The chemical reactions and pathways resulting in the breakdown of a monosaccharide (genera
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The process whose specific outcome is the progression of the skeleton over time, from its form
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the formation of glucosylceramides, any com
"The addition of a sugar unit to a protein amino acid, e.g. the addition of glycan chains to proteir
"A complex and coordinated series of cellular movements that occurs at the end of cleavage du
"The chemical reactions and pathways involving UDP-glucose, uridinediphosphoglucose, a subs
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways involving lipids, compounds soluble in an organic solvent
"The process whose specific outcome is the progression of the central nervous system over time
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any immune system process that functions in the calibrated response of an organism to a pote
"Any immune system process that functions in the calibrated response of an organism to a pote
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The

The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
"A defense response that is mediated by cells [goid 6968] [pmid 2409603] [evidence TAS]; Any

"The chemical reactions and pathways resulting in the formation of pyrimidine bases, 1,3-diazin
"The process of communication from a neuron to a target (neuron, muscle, or secretory cell) acr
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"A process of secretion by a cell that results in the release of intracellular molecules (e.g. hormo
"The biological process whose specific outcome is the progression of a multicellular organism o
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"A form of programmed cell death induced by external or internal signals that trigger the activity
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"A process that is carried out at the cellular level which results in the formation, arrangement of

"In base excision repair, an altered base is removed by a DNA glycosylase enzyme, followed by

"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The nonsense-mediated decay pathway for nuclear-transcribed mRNAs degrades mRNAs in w
"The process whereby a relatively unspecialized cell acquires specialized features of an epitheli

"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving a nucleoside, a nucleobase linked to either beta
A."
ncoding mitochondrial protein, transcript variant 1, mRNA."
"The transfer of electrons from ubiquinol to cytochrome c that occurs during oxidative phosphory
"The transfer of electrons from ubiquinol to cytochrome c that occurs during oxidative phosphory
"The phosphorylation of ADP to ATP that accompanies the oxidation of a metabolite through the
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o

"The progression of biochemical and morphological phases and events that occur in a cell durin
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the formation of any member of a large group
"The chemical reactions and pathways resulting in the formation of any member of a large group
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

"The series of events required for an organism to receive an auditory stimulus, convert it to a mo

A."
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The aggregation, arrangement and bonding together of the spliceosome, a ribonucleoprotein a
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
The addition of a sulfate group as an ester to a protein amino acid [goid 6477] [pmid 10187838]
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"Any process that stops, prevents or reduces the rate or extent of cell proliferation [goid 8285] [p
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo
"A process whereby force is generated within muscle tissue, resulting in a change in muscle geo

"The alteration of DNA or protein in chromatin, which may result in changing the chromatin struc
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"The biological process whose specific outcome is the progression of a multicellular organism ov
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"The directed movement of substances, either within a vesicle or in the vesicle membrane, into,
"Coordinated organization of groups of cells in the plane of an epithelium, such that they all orie
"The joining of two lipid bilayers to form a single membrane [goid 6944] [pmid 9657962] [evidenc
"The process of coupling valine to valyl-tRNA, catalyzed by valyl-tRNA synthetase. In tRNA amir
"The process of coupling valine to valyl-tRNA, catalyzed by valyl-tRNA synthetase. In tRNA amir
"The progression of biochemical and morphological phases and events that occur in a cell durin

The process of removal or addition of one or more electrons with or without the concomitant rem

"The process whereby phagocytes engulf external particulate material. The particles are initially
"A series of reactions within the cell that occur as a result of a single trigger reaction or compour
"Fusion of the membrane of a transport vesicle with its target membrane [goid 6906] [evidence I
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
The process of assisting in the covalent and noncovalent assembly of single chain polypeptides
"The attachment of an adhesion molecule in one cell to a nonidentical adhesion molecule in an
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
"Upregulation of the activity of a caspase, any of a group of cysteine proteases involved in apop
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The directed movement of anions, atoms or small molecules with a net negative charge, into, o
"An acute behavioral change resulting from a perceived external threat [goid 1662] [evidence IE
"The process whose specific outcome is the progression of the skeleton over time, from its form
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [pmid 8919
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve
"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

"The attachment of one cell to another cell via adhesion molecules [goid 16337] [evidence IEA];
"The process whose specific outcome is the progression of the ovarian follicle over time, from its
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a

"A process that is carried out at the cellular level which results in the formation, arrangement of
"Any process involved in the controlled movement of a cell [goid 6928] [pmid 16130169] [eviden
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"The chemical reactions and pathways involving any of the forms of vitamin K, quinone-derived

"Construction of the vitelline membrane portion of the egg shell, a rigid structure required to mai
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"Inflammation which comprises a rapid, short-lived, relatively uniform response to acute injury or
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com
"The chemical reactions and pathways involving various organic and inorganic nitrogenous com

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
Any immune system process that functions in the calibrated response of an organism to a poten

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins in a cell, including the movement of proteins between speci
"A process that is carried out at the cellular level which results in the formation, arrangement of
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The directed movement of substances into, out of or within a vacuole [goid 7034] [evidence IEA
"The directed movement of substances into, out of or within a vacuole [goid 7034] [evidence IEA
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr
"The initial attachment of a vesicle membrane to a target membrane, mediated by proteins protr
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins in a cell, including the movement of proteins between speci
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of substances into, out of or mediated by an endosome, a membrane-l
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
nRNA."
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9344656] [evide
The process of introducing a phosphate group on to a protein [goid 6468] [pmid 9344656] [evide
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"Any process that stops, prevents, or reduces the frequency, rate, or extent of interleukin-2 prod

"The directed movement of proteins in a cell, including the movement of proteins between speci

A."
RNA."

"Any process that stops, prevents or reduces the frequency, rate or extent of BMP signaling path

NA."
"The process of coupling tryptophan to tryptophanyl-tRNA, catalyzed by tryptophanyl-tRNA synth
"The process of coupling tryptophan to tryptophanyl-tRNA, catalyzed by tryptophanyl-tRNA synth
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The aggregation, arrangement and bonding together of a set of components to form a protein c
"The series of molecular signals generated as a consequence of a G-protein coupled receptor b
"The aggregation, arrangement and bonding together of a set of components to form a protein c

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
ant 4 (WBSCR19), mRNA."
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"The chemical reactions and pathways, including anabolism and catabolism, by which living orga
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The series of events required for an organism to receive an auditory stimulus, convert it to a mo
The series of molecular signals initiated by binding of an extracellular ligand to a Notch receptor

"The directed movement of proteins in a cell, including the movement of proteins between speci

Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o

"Pathways for DNA repair which occur after DNA has replicated, e.g. mismatch repair, and whic

"Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one

"The process by which a pre-tRNA molecule is converted to a mature tRNA, ready for addition o

"The synthesis of aminoacyl tRNA by the formation of an ester bond between the 3'-hydroxyl gro

Any process by which an organism has an effect on an organism of a different species [goid 44

"The process whose specific outcome is the progression of the skeleton over time, from its form

"The joining together of exons from one or more primary transcripts of nuclear messenger RNA

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The process by which the cell cycle is halted during one of the normal phases (G1, S, G2, M) [g

Any process that modulates the activity of a GTPase of the Rab family [goid 32313] [evidence IE

The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]

The formation and assembly from one or more snRNA and multiple protein components of a ribo

"The synthesis of aminoacyl tRNA by the formation of an ester bond between the 3'-hydroxyl gro
Any process involved in the conversion of a primary ribosomal RNA (rRNA) transcript into one o
The process by which one or more ubiquitin moieties are added to a protein [goid 16567] [evide

"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p

"The process whose specific outcome is the progression of the kidney over time, from its format
s (WHAMM), mRNA."
cript variant 3 (WHDC1L1), mRNA."
cript variant 3 (WHDC1L2), mRNA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The cascade of processes by which a signal interacts with a receptor, causing a change in the
The process by which cells digest parts of their own cytoplasm; allows for both recycling of macı
mRNA."
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]; The p
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; A ser
"The process of introducing a phosphate group on to a protein [goid 6468] [evidence ISS]; The c
"The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface
The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface
"The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface
The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface
"The cascade of processes by which a signal interacts with a receptor, causing a change in the
"The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface
The series of molecular signals initiated by binding of a Wnt protein to a receptor on the surface

"Any process that contributes to the maintenance of proper telomeric length and structure by aff
"Synthesis of DNA that proceeds from the broken 3' single-strand DNA end uses the homologou
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"Any process involved in the conversion of a primary mRNA transcript into one or more mature r
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The chemical reactions and pathways involving steroids, compounds with a 1,2,cyclopentanope
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The process whose specific outcome is the progression of the blastocyst over time, from its for
"A form of programmed cell death induced by external or internal signals that trigger the activity

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The secretion of milk by the mammary gland [goid 7595] [evidence IEA]; Any process that mod

"A process that is carried out at the cellular level which results in the formation, arrangement of

"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
"
pt variant 2, mRNA."

"The removal of the oligonucleotide that contains the DNA damage. The oligonucleotide is forme

"A point in the eukaryotic cell cycle where progress through the cycle can be halted until conditio
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 11106490] [evidenc
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The aggregation, arrangement and bonding together of the nuclear localization signal of a prote
"The directed movement of substances (such as macromolecules, small molecules, ions) into, o
The series of molecular signals generated as a consequence of a G-protein coupled receptor bi
The repair of single strand breaks in DNA. Repair of such breaks is mediated by the same enzy
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process of restoring DNA after damage. Genomes are subject to damage by chemical and
"The process whose specific outcome is the progression of the embryo in the uterus over time, f
The repair of a double-strand break in DNA in which the two broken ends are rejoined with little
"The repair of a double-strand break in DNA in which the two broken ends are rejoined with little
The repair of a double-strand break in DNA in which the two broken ends are rejoined with little
"The chemical reactions and pathways involving nucleobases, nucleosides, nucleotides and nuc
"The chemical reactions and pathways involving carbohydrates, any of a group of organic comp
"The chemical reactions and pathways resulting in the formation of glycosaminoglycans, any of
"The chemical reactions and pathways resulting in the formation of glycosaminoglycans, any of
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that activates or increases the frequency, rate or extent of transcription from the R
"The process of coupling tyrosine to tyrosyl-tRNA, catalyzed by tyrosyl-tRNA synthetase. In tRN
"The process of coupling tyrosine to tyrosyl-tRNA, catalyzed by tyrosyl-tRNA synthetase. In tRN
"The joining together of exons from one or more primary transcripts of nuclear messenger RNA
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
"The covalent alteration of one or more amino acids occurring in proteins, peptides and nascent
"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I
RNA."

"The process whereby relatively unspecialized cells, e.g. embryonic or regenerative cells, acquir

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

ndrial protein, mRNA."
"The directed movement of substances from the endoplasmic reticulum (ER) to the Golgi, media
"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [evidence IEA]; The che
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

ɔrotein, mRNA."
The process of introducing a phosphate group on to a protein [goid 6468] [evidence IEA]
Any process involved in the conversion of a primary mRNA transcript into one or more mature m

An immune response mediated through a body fluid [goid 6959] [pmid 10508479] [evidence TAS

The process of targeting specific proteins to particular membrane-bounded subcellular organelle
The process of targeting specific proteins to particular membrane-bounded subcellular organelle
"Any process that stops, prevents or reduces the frequency, rate or extent of protein kinase activ
"The directed movement of proteins in a cell, including the movement of proteins between speci
"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra
"A process which directly inhibits any of the steps required for cell death by apoptosis [goid 6916
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The process of removal or addition of one or more electrons with or without the concomitant rem
ɹriant 1, mRNA."

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"A complex and coordinated series of cellular movements that occurs at the end of cleavage dur
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the rate or extent of progression through the cell c

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Blood vessel formation when new vessels emerge from the proliferation of pre-existing blood ve

Any series of molecular signals generated as a consequence of a cytokine or chemokine bindin

"A change in state or activity of a cell or an organism (in terms of movement, secretion, enzyme

"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"The appearance of a cytokine due to biosynthesis or secretion following a cellular stimulus, res
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that mediates interactions between a cell and its surroundings. Encompasses inte

"Any process that mediates interactions between a cell and its surroundings. Encompasses inte

The process by which a methyl group is covalently attached to a molecule [goid 32259] [evidenc

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

"Any process that activates or increases the frequency, rate or extent of an I-kappaB kinase/NF-

"A form of programmed cell death induced by external or internal signals that trigger the activity
"The covalent or non-covalent attachment of a palmitoyl moiety to a protein [goid 18345] [evider
The covalent or non-covalent attachment of a palmitoyl moiety to a protein [goid 18345] [evidenc

The covalent or non-covalent attachment of a palmitoyl moiety to a protein [goid 18345] [evidenc
The specific actions or reactions of an organism in response to external or internal stimuli. Patte
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"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd

"Any process specifically pertinent to the functioning of integrated living units: cells, tissues, orga
"The cascade of processes by which a signal interacts with a receptor, causing a change in the

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The series of molecular signals generated as a consequence of the insulin receptor binding to ir
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that stops, prevents or reduces the frequency, rate or extent of transcription from a
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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Shortening of the poly(A) tail of a nuclear-transcribed mRNA from full length to an oligo(A) leng
"A major pathway of degradation of nuclear-transcribed mRNAs that proceeds through a series
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The biological process whose specific outcome is the progression of a multicellular organism ov
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te
"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

"The process of directing proteins towards the lysosome using signals contained within the prote

"The directed movement of proteins into, out of, within or between cells [goid 15031] [evidence I

"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra
"The chemical reactions and pathways resulting in the breakdown of mRNA, messenger RNA, w
"Any process that stops, prevents or reduces the frequency, rate or extent of DNA-dependent tra
"Any developmental process that results in the creation of defined areas or spaces within an org
"The directed movement of potassium ions (K+) into, out of, within or between cells [goid 6813]
"The last step in the formation of the neural tube, where the paired neural folds are brought toge
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of cell growth [goid 1558] [evidence IE
Any process involved in the conversion of a primary mRNA transcript into one or more mature m
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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
The hydrolysis of a peptide bond or bonds within a protein [goid 6508] [pmid 10373325] [evidenc

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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
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"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"An increase in size of a blastocyst due to expansion of the blastocoelic cavity cell shape chang

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of DNA-dependent transcription [goid

"Any process that modulates the frequency, rate or extent of the synthesis of either RNA on a te

The process by which the sperm binds to the zona pellucida glycoprotein layer of the egg. The p
The process by which the sperm binds to the zona pellucida glycoprotein layer of the egg. The p
The process by which the sperm binds to the zona pellucida glycoprotein layer of the egg. The p

Any process involved in the conversion of a primary mRNA transcript into one or more mature m

The process of removing sections of the primary RNA transcript to remove sequences not prese
NA."
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

"The process of restoring DNA after damage. Genomes are subject to damage by chemical and

"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"The progression of biochemical and morphological phases and events that occur in a cell durin
"The cell cycle process whereby replicated homologous chromosomes are organized and then p
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e
"The chemical reactions and pathways resulting in the breakdown of a protein or peptide by hyd
"The attachment of a cell, either to another cell or to an underlying substrate such as the extrace
"Any process that modulates the frequency, rate or extent of the onset of anaphase (chromoson
"The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350] [e

ONTOLOGY_FUNCTION
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of an N-acetylglucosaminyl residue from UDP-N-acetyl-glucosamine to
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with heparin, any member of a group of glycosaminoglycans found mainl
"Interacting selectively with transfer RNA [goid 49] [pmid 7654687] [evidence TAS]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: ATP + L-alanine + tRNA(Ala) = AMP + diphosphate + L-alanyl-tRNA(
"Enables the directed movement of acyl groups into, out of, within or between cells [goid 36] [ev
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: 4-aminobutanoate + amino group acceptor = succinate semialdehyde
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or in
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7590236] [evidence
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [evidenc
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: acyl-CoA + acetyl-CoA = CoA + 3-oxoacyl-CoA [goid 3988] [evidence
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + acetyl-CoA + HCO3- = ADP + phosphate + malonyl-CoA [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: butanoyl-CoA + ETF = 2-butenoyl-CoA + reduced ETF [goid 4085] [ev
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + ETF = 2,3-dehydroacyl-CoA + reduced ETF [goid 4466] [p

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: 2 acetyl-CoA = CoA + acetoacetyl-CoA [goid 3985] [evidence IEA]; In
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
[goid 15280] [evidence IEA]; Interacting selectively with sodium ions (Na+) [goid 31402] [evidenc
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

"Interacting selectively with beta-amyloid peptide/protein and/or its precursor [goid 1540] [pmid 1
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
l glycerol [goid 6094] [pmid 10103055] [evidence ISS]"
"Catalysis of the reaction: citrate = cis-aconitate + H2O = isocitrate; i.e. the interconversion of cit
"Catalysis of the reaction: citrate = cis-aconitate + H2O = isocitrate; i.e. the interconversion of cit
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: acetyl-CoA + H2O = CoA + acetate [goid 3986] [evidence ISS]; Cataly
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: acetyl-CoA + H2O = CoA + acetate [goid 3986] [evidence ISS]; Cataly
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid

"Catalysis of the reaction: acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor [goid
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 1937464] [evidence I
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the reaction: ATP + a long-chain carboxylic acid + CoA = AMP + diphosphate + an
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA [goid 3987]
"Catalysis of the reaction: ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA [goid 3987]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleoside, a compound consisting of a purine or pyrimidine nitrog
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: an N-acyl-L-amino acid + H2O = a carboxylate + an L-amino acid [goi
Catalysis of the reaction: an N-acyl-L-amino acid + H2O = a carboxylate + an L-amino acid [goid
"Catalysis of the reaction: an acyl phosphate + H2O = a carboxylate + phosphate [goid 3998] [ev
"Catalysis of the reaction: an acyl phosphate + H2O = a carboxylate + phosphate [goid 3998] [ev

"Catalysis of the reaction: adenosine + H2O = inosine + NH3 [goid 4000] [pmid 16670267] [evid
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
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"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Interacting selectively with any protease or peptidase [goid 2020] [pmid 16364318] [evidence IP
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9111310] [e
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10430867] [
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the r
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea

"Interacting selectively with any metal ion [goid 46872] [evidence IEA]; Interacting selectively wit
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the reaction: an alcohol + NAD+ = an aldehyde or ketone + NADH + H+ [goid 4022
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"The action characteristic of a hormone, any substance formed in very small amounts in one spe

"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
Combining with adenosine and transmitting the signal to a heterotrimeric G-protein complex to ir
Combining with adenosine and transmitting the signal to a heterotrimeric G-protein complex to ir
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the trar
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the activation of the proteasome, a large multisubunit complex which performs regu
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a SH3 domain (Src homology 3) of a protein, small protein modules

Any transcription regulator activity required for initiation or upregulation of transcription [goid 165
n to the mature structure. The brain is one of the two components of the central nervous system
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the reaction: N-formyl-L-kynurenine + H2O = formate + L-kynurenine [goid 4061] [e
"Interacting selectively with a clathrin heavy or light chain, the main components of the coat of c
"Catalysis of the reaction: N(4)-(beta-N-acetyl-D-glucosaminyl)-L-asparagine + H2O = N-acetyl-

"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: agmatine + H2O = putrescine + urea [goid 8783] [evidence IEA]; Cata
"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc

"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc
"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc
"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc
"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc
"Catalysis of the reaction: acyl-CoA + 1-acyl-sn-glycerol 3-phosphate = CoA + 1,2-diacyl-sn-glyc

"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the transfer of an amino group to an acceptor, usually a 2-oxo acid [goid 8483] [evi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Catalysis of the reaction: S-adenosyl-L-homocysteine + H2O = adenosine + L-homocysteine [g
"Catalysis of the reaction: S-adenosyl-L-homocysteine + H2O = adenosine + L-homocysteine [g
"Catalysis of the reaction: S-adenosyl-L-homocysteine + H2O = adenosine + L-homocysteine [g
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Functions to increase the rate of ATP hydrolysis [goid 1671] [evidence ISS]; Increases the activ
"Functions to increase the rate of ATP hydrolysis [goid 1671] [evidence IEA]; Increases the activ
"Interacting selectively with hemoglobin, an oxygen carrying, conjugated protein containing four
"Catalysis of the reaction: cytidine + H2O = uridine + NH3 [goid 4126] [pmid 10950930] [evidenc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 15958387] [evidence

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The function that links a sequence-specific transcription factor to the core RNA polymerase II co
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8769136] [ev
Interacting selectively with the enzyme protein phosphatase 1 [goid 8157] [pmid 10209101] [evid
Interacting selectively with any subunit of protein kinase A [goid 51018] [pmid 10858453] [evider
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rho family. Under normal c

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Catalysis of the reaction: an alditol + NADP+ = an aldose + NADPH + H+ [goid 4032] [evidence
"Catalysis of the reaction: an alditol + NADP+ = an aldose + NADPH + H+ [goid 4032] [pmid 864
"Catalysis of the NADPH-dependent reduction of carbonyl compounds [goid 4033] [pmid 97929
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the NADPH-dependent reduction of carbonyl compounds [goid 4033] [pmid 75083
"Catalysis of the reaction: an alditol + NADP+ = an aldose + NADPH + H+ [goid 4032] [pmid 957
"Catalysis of the NADPH-dependent reduction of carbonyl compounds [goid 4033] [pmid 10383
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
stem. It may stop or prevent or reduce the rate of cell death by apoptosis and it is activated by st
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: 2 5-aminolevulinate = porphobilinogen + 2 H2O [goid 4655] [pmid 346
"Catalysis of the reaction: succinyl-CoA + glycine = 5-aminolevulinate + CoA + CO2 [goid 3870]
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 16405401] [evidence
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + L-glutamate = ADP + L-glutamate 5-phosphate [goid 4349] [ev
"Catalysis of the reaction: retinal + NAD+ + H2O = retinoate + NADH. Acts on both 11-trans and
"Catalysis of the reaction: 3-chloroallyl aldehyde + H2O = 2 H+ + 2 e- + 3-chloroacrylic acid [goi
"Catalysis of the reaction: an aldehyde + NAD+ + H2O = an acid + NADH + H+ [goid 4029] [evid
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the reaction: an aldehyde + NAD+ + H2O = an acid + NADH + H+ [goid 4029] [pmi
"Catalysis of the reaction: 3-chloroallyl aldehyde + H2O = 2 H+ + 2 e- + 3-chloroacrylic acid [goi
"Catalysis of the reaction: 3-chloroallyl aldehyde + H2O = 2 H+ + 2 e- + 3-chloroacrylic acid [goi
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the reaction: succinate semialdehyde + NAD+ + H2O = succinate + NADH + H+ [g
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"Catalysis of the reaction: an aldehyde + NAD+ + H2O = an acid + NADH + H+ [goid 4029] [evid
"Catalysis of the reaction: an aldehyde + NAD+ + H2O = an acid + NADH + H+ [goid 4029] [pmi
"Catalysis of the reaction: D-fructose 1,6-bisphosphate = glycerone phosphate + D-glyceraldehy
"Catalysis of the reaction: D-fructose 1,6-bisphosphate = glycerone phosphate + D-glyceraldehy
Catalysis of the reaction: GDP-mannose + chitobiosyldiphosphodolichol = GDP + beta-D-manno
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of a mannose residue from GDP-mannose to an oligosaccharide, form
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + N-acetyl-D-glucosaminyl-diphosphod

"Catalysis of the transfer of a mannose residue from GDP-mannose to an oligosaccharide, form
"Catalysis of the transfer of a mannose residue from GDP-mannose to an oligosaccharide, form
"Catalysis of the transfer of a oligosaccharyl group to an acceptor molecule, typically another ca
"Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [
"Catalysis of the transfer of a mannose residue from GDP-mannose to an oligosaccharide, form
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
ne by O6-alkylguanine-DNA alkyltransferase (AGT) [goid 6307] [pmid 8600462] [evidence TAS]"
"Interacting selectively with damaged DNA [goid 3684] [pmid 12486230] [evidence EXP]; Interac
"Interacting selectively with damaged DNA [goid 3684] [pmid 12486230] [evidence EXP]; Interac

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: arachidonate + O2 = (5Z,8Z,10E,14Z)-(12S)-12-hydroperoxyicosa-5,8
"Catalysis of the reaction: arachidonate + O2 = (6E,8Z,11Z,14Z)-(5S)-5-hydroperoxycosa-6,8,11
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of the reaction: (2S)-2-methylacyl-CoA = (2R)-2-methylacyl-CoA [goid 8111] [evidenc
cromolecular constituents under conditions of cellular stress and remodeling the intracellular stru
"Catalysis of the reaction: S-adenosyl-L-methionine = (5-deoxy-5-adenosyl)(3-aminopropyl) met
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Catalysis of the reaction: N-acetyl-D-glucosamine 6-phosphate + H2O = D-glucosamine 6-phos
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]

"Catalysis of the reaction: AMP + H2O = IMP + NH3 [goid 3876] [pmid 9291127] [evidence TAS]
"Catalysis of the reaction: (6S)-tetrahydrofolate + S-aminomethyldihydrolipoylprotein = (6R)-5,10
"Catalysis of the endohydrolysis of 1,4-alpha-D-glucosidic linkages in polysaccharides containing
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Catalysis of the endohydrolysis of 1,4-alpha-D-glucosidic linkages in polysaccharides containing
"Catalysis of the endohydrolysis of 1,4-alpha-D-glucosidic linkages in polysaccharides containing
"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly

"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence ISS]; Interacting sel
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7730328] [evidence T

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]

"Enables the directed movement of substances (such as macromolecules, small molecules, ions

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ormation to the mature structure [goid 8584] [pmid 8812458] [evidence TAS]"

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Stops, prevents or reduces the activity of a phospholipase, an enzyme that catalyzes of the hyd
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Stops, prevents or reduces the activity of a phospholipase, an enzyme that catalyzes of the hyd

"Stops, prevents or reduces the activity of a phospholipase, an enzyme that catalyzes of the hyd
"Stops, prevents or reduces the activity of a phospholipase, an enzyme that catalyzes of the hyd
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w
"Interacting selectively with copper (Cu) ions [goid 5507] [pmid 8972912] [evidence TAS]; Intera
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the reaction: an aldehyde + H2O + O2 = a carboxylic acid + H2O2 [goid 4031] [pmi

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
"Interacting selectively with beta-amyloid peptide/protein and/or its precursor [goid 1540] [evider
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with the beta subunit of the catenin complex [goid 8013] [pmid 11533658

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively v
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7702756] [evidence I

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Enables the directed movement o
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 11863358] [
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 11863358] [
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Enables the directed movement o
"Interacting selectively with beta-amyloid peptide/protein and/or its precursor [goid 1540] [pmid 1
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [eviden
Interacting selectively with a lipid [goid 8289] [evidence IEA]
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [pmid 1
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [eviden

"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with adenine, a purine base [goid 2055] [evidence IEA]; Catalysis of the r
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"[goid 5057] [evidence IEA]; Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]

stituents by the invagination of small region of the plasma membrane to form a new membrane-b
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
"Catalysis of the acetylation of the N-terminal amino acid residue of a peptide or protein, accord
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
"Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [pmid 11172815] [eviden
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phys
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phys
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [pmid 8670882] [evidence
"Catalysis of the reaction: L-arginine + H2O = L-ornithine + urea [goid 4053] [pmid 9144563] [ev

"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
Increases the rate of GTP hydrolysis by a GTPase of the Rho family [goid 5100] [evidence ISS];
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 8537347] [evidenc
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Prevents the dissociation of GDP from the small GTPase Rho, thereby preventing GTP from bi
"Prevents the dissociation of GDP from the small GTPase Rho, thereby preventing GTP from bi
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with a G-protein-coupled receptor [goid 1664] [pmid 15755723] [evidence
"Interacting selectively with a G-protein-coupled receptor [goid 1664] [pmid 15755723] [evidence
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rho family. Under normal c
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
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"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10446990] [evidence
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 104880
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ent in the mature form of the RNA and joining the remaining sections to form the mature form of t
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
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"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [g
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with an opsin, any of a group of hydrophobic, integral membrane glycopr
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: a phenol sulfate + H2O = a phenol + SO4(2-) (sulfate) [goid 4065] [pm
Catalysis of the reaction: NAD(P)+ + L-arginine = nicotinamide + N2-(ADP-D-ribosyl)-L-arginine
: but not, or sparingly, in an aqueous solvent. Includes fatty acids; neutral fats, other fatty-acid es
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th

"Interacting selectively with a histone, any of a group of water-soluble proteins found in associat

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10393421] [evidence
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Catalysis of the reaction: N-(L-arginino)succinate = fumarate + L-arginine [goid 4056] [pmid 282
"The action characteristic of a neuropeptide hormone, any peptide hormone that acts in the cent
Catalysis of the reaction: S-adenosyl-L-methionine + N-acetylserotonin = S-adenosyl-L-homocys
"Catalysis of the reaction: ATP + L-aspartate + L-glutamine = AMP + diphosphate + L-asparagin
Catalysis of the reaction: ATP + L-aspartate + L-glutamine = AMP + diphosphate + L-asparagine
Catalysis of the reaction: an N-acyl-L-amino acid + H2O = a carboxylate + an L-amino acid [goid

"Catalysis of the reaction: peptide L-aspartate + 2-oxoglutarate + O2 = peptide 3-hydroxy-L-aspa
"Catalysis of the reaction: peptide L-aspartate + 2-oxoglutarate + O2 = peptide 3-hydroxy-L-aspa
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: N(4)-(beta-N-acetyl-D-glucosaminyl)-L-asparagine + H2O = N-acetyl-b
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence IEA]

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: L-arginyl-tRNA + protein = tRNA + L-arginyl-protein [goid 4057] [pmid
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
romolecular constituents under conditions of cellular stress and remodeling the intracellular stru

"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
n a specialized membrane sac, called the isolation membrane, starts to enclose a portion of the
Catalysis of the hydrolysis of any glycosyl bond [goid 16798] [evidence IEA]
"Catalysis of the reaction: IMP + H2O = 5-formamido-1-(5-phosphoribosyl)imidazole-4-carboxan

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
"Catalysis of the transfer of copper (Cu) ions from one side of a membrane to the other [goid 53
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: 4-nitrophenyl phosphate + H2O = 4-nitrophenol + phosphate [goid 38
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + H2O = ADP + phosphate. May or may not be coupled to anoth
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Catalysis of the reaction: ATP + H2O = ADP + phosphate. May or may not be coupled to anoth
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
Catalysis of the transfer of hydrogen ions from one side of a membrane to the other [goid 15078
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Catalysis of the transfer of hydrogen ions from one side of a membrane to the other [goid 15078

"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Functions to increase the rate of ATP hydrolysis [goid 1671] [evidence IEA]; Interacting selectiv
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
:omplex [goid 6461] [evidence IEA]; The aggregation, arrangement and bonding together of a set
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine pho
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10814712] [
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

[goid 5185] [evidence IEA]; [goid 5185] [evidence IEA]
[goid 187] [evidence IEA]; The progression of biochemical and morphological phases and even
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the hydrolysis of phosphodiester bonds in chains of RNA [goid 4540] [pmid 104627
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
B is sequestered by the inhibitor I-kappaB, and is released when I-kappaB is phosphorylated by
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the tran
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the reaction: UDP-galactose + N-acetylglucosamine = galactose-beta-1,3-N-acetylg
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Catalysis of the reaction: UDP-glucuronate + 3-beta-D-galactosyl-4-beta-D-galactosyl-O-beta-D
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh

Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + (N-acetylneuraminyl)-D-galactosyl-D
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: UDP-galactose + N-acetyl-beta-D-glucosaminylglycopeptide = UDP +
"Catalysis of the reaction: UDP-galactose + N-acetyl-beta-D-glucosaminylglycopeptide = UDP +
"Catalysis of the reaction: UDP-galactose + N-acetyl-beta-D-glucosaminylglycopeptide = UDP +
"Catalysis of the reaction: UDP-galactose + N-acetyl-D-glucosamine = UDP + N-acetyllactosami
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Catalysis of the transfer of a galactosyl group to an acceptor molecule, typically another carboh
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
e to a mitogen, cytokine, chemokine, cellular ligand, or an antigen for which it is specific [goid 42
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 12419249] [
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reactior

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the reaction: 4
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ular signal, and recognize and characterize the signal. Visual stimuli are detected in the form of p
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Combining with a laminin, a glycoprotein that constitutes the majority of proteins in the baseme
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: a branched-chain amino acid + 2-oxoglutarate = L-glutamate + a 2-ox
"Catalysis of the reaction: a branched-chain amino acid + 2-oxoglutarate = L-glutamate + a 2-ox
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with beta-amyloid peptide/protein and/or its precursor [goid 1540] [pmid 1
[goid 3826] [pmid 7883996] [evidence IDA]; Catalysis of the reaction: 3-methyl-2-oxobutanoate +
"[goid 3826] [evidence IEA]; Catalysis of the reaction: 3-methyl-2-oxobutanoate + lipoamide = S-
"Catalysis of the phosphorylation of a specific transcription regulator in response to the presenc
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any protease or peptidase [goid 2020] [pmid 10620603] [evidence ID
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15131699] [eviden
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Increases the rate of proteolysis catalyzed by a caspase [goid 8656] [pmid 11262395] [evidence
"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10330179] [evidence
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with any protease or peptidase [goid 2020] [pmid 17077303] [evidence IF
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs

The action of a molecule that contributes to the structural integrity of a complex or assembly with
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; The action of a mole
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go

Interacting selectively with a death receptor [goid 5123] [pmid 8918887] [evidence TAS]; Interac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
"[goid 4869] [evidence IEA]; Interacting selectively with any protein or protein complex (a comple

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"The binding activity of a molecule that brings together a transmembrane receptor protein kinase
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15102850] [eviden

"Catalysis of the reaction: bilirubin + NAD(P)+ = biliverdin + NAD(P)H + H+ [goid 4074] [pmid 10
"Catalysis of the reaction: bilirubin + NAD(P)+ = biliverdin + NAD(P)H + H+ [goid 4074] [pmid 81
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096]
Interacting selectively with an identical protein to form a homodimer [goid 42803] [pmid 9396766
Interacting selectively with lamin; any of a group of intermediate-filament proteins that form the f

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: 3-phospho-D-glyceroyl phosphate = 2,3-bisphospho-D-glycerate [goid
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with a lipid [goid 8289] [evidence IEA]
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the ren

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with single-stranded DNA [goid 3697] [evidence IEA]; Catalysis of the rea

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine pho
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans

The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Interacting selectively with a peroxisomal targeting sequence, any of several sequences of ami
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
EA]; The synthesis of either RNA on a template of DNA or DNA on a template of RNA [goid 6350

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Catalysis of facilitated diffusion of a chloride (by an energy-independent process) involving pass
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the hydrolysis of any non-peptide carbon-nitrogen bond in a linear amide [goid 1681
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 1386332] [evi

"The function that links a sequence-specific transcription factor to the core RNA polymerase II c
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
mid 9632145] [evidence TAS]; Any process that stops, prevents or reduces the rate or extent of
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

but not, or sparingly, in an aqueous solvent. Includes fatty acids; neutral fats, other fatty-acid es
ans, and organisms. A process is a collection of molecular events with a defined beginning and e

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
llular matrix, via cell adhesion molecules [goid 7155] [pmid 9560222] [evidence TAS]; The set of
Interacting selectively with the peripheral benzodiazepine receptor (PBR) [goid 30156] [pmid 991
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

any of a group of organic compounds based of the general formula Cx(H2O)y [goid 8643] [evid

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Catalysis of the incorporation of one atom from molecular oxygen into a compound and the redu

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Catalysis of the geometric or structural changes within one molecule. Isomerase is the systemat

Involved in catalyzing the release of a nascent polypeptide chain from a ribosome [goid 3747] [e

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Catalysis of the hydrolysis of any ester bond [goid 16788] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]

Catalysis of the geometric or structural changes within one molecule. Isomerase is the systemat
cell death by apoptosis [goid 8629] [evidence IEA]

Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15147888] [eviden

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Th

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

"Interacting selectively with purine nucleotides, any compound consisting of a purine nucleoside

Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

ɱRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The covalent alteration

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice

Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

r more mature rRNA molecules [goid 6364] [evidence IEA]

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

EA]; The directed movement of proteins in a cell, from one side of a membrane to another [goid

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the add

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Catalysis of the dimethylation two adjacent A residues in the loop closing the 3'-terminal stem c
"Catalysis of the reaction: (6S)-tetrahydrofolate + S-aminomethyldihydrolipoylprotein = (6R)-5,1(

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

ement cascade which allows for the direct killing of microbes, the disposal of immune complexes
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

etween three and ten, of identical component monomers. Oligomers may be formed by the polyr

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

The action of a molecule that contributes to the structural integrity of a complex or assembly witl

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Catalysis of the reaction: 3-alpha(S)-strictosidine = tryptamine + secologanin [goid 16844] [evide

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t

"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]

EA]; The import of proteins across the outer and inner mitochondrial membranes into the matrix.

of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

ement cascade which allows for the direct killing of microbes, the disposal of immune complexes

"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]"

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Stops, prevents or reduces the activity of an endopeptidase, any enzyme that hydrolyzes nonte
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Catalysis of the reaction: ATP + NAD+ = ADP + NADP+ [goid 3951] [evidence IEA]

Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

ement cascade which allows for the direct killing of microbes, the disposal of immune complexes

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Combining with the hedgehog protein to initiate a change in cell activity [goid 8158] [evidence IE

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA]

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus

Interacting selectively with any metal ion [goid 46872] [evidence IEA]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic

"Catalysis of the reaction: ATP + shikimate = ADP + shikimate 3-phosphate [goid 4765] [evidenc

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]"
"Interacting selectively with a CARD (N-terminal caspase recruitment) domain, a protein-protein

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [pmid 9878252] [evidence TAS]; Inte
"Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [evidence IEA]; Interacting selective
"Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [pmid 1928091] [evidence TAS]; Int
"Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [pmid 10409679] [evidence TAS]; I
Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [pmid 8977131] [evidence TAS]; Inte
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Modulates the activity of a cyclin-dependent protein kinase, enzymes of the protein kinase fami
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 15452577] [evidence TAS]; Int
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of the transmembrane transfer of a calcium ion by a voltage-gated channel [goid 5245
"Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an ator
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of a calcium ion by a voltage-gated channel [goid 5245
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
The action of a molecule that contributes to the structural integrity of a complex or assembly with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of a reaction that results in the formation of carbamoyl phosphate [goid 4086] [eviden
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a neuropeptide hormone, any peptide hormone that acts in the cent
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
[goid 1635] [evidence IEA]; Combining with an extracellular or intracellular messenger to initiate
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 9681195] [evidence TAS]; Int

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10777582] [evidence TAS]; Int
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11149926] [evidence
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with a clathrin light chain [goid 32051] [pmid 16595675] [evidence IDA]; In
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
anism [goid 42742] [pmid 8681941] [evidence TAS]

"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 8136357] [evidence TAS]; Int
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Interacting selectively with a SNARE (soluble N-ethylmaleimide-sensitive factor attached protein
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the hyd
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism
"Catalysis of the hydrolysis of nonterminal peptide bonds in a polypeptide chain by a mechanism

0308] [pmid 14593112] [evidence IDA]"
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 2540953] [evidence TAS]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + GMP = ADP + GDP [goid 4385] [pmid 11278692] [evidence N

Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan

"Stops, prevents or reduces the activity of the enzyme calpain, which catalyzes of the preferenti
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the reaction: 2 H2O2 = O2 + 2 H2O [goid 4096] [pmid 18379038] [evidence IDA]; C
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom

"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
oss a synapse [goid 7268] [pmid 1704129] [evidence TAS]; The process whose specific outcom

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Catalysis of the reaction: R-CHOH-R' + NADP+ = R-CO-R' + NADPH + H+ [goid 4090] [pmid 9
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: L-serine + L-homocysteine = cystathionine + H2O [goid 4122] [pmid 9

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
Interacting selectively with the beta subunit of the catenin complex [goid 8013] [pmid 12712206]

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of the transfer of a nitrogenous group from one compound (donor) to another (accept
"Catalysis of the reaction: L-kynurenine + 2-oxoglutarate = 4-(2-aminophenyl)-2,4-dioxobutanoat
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the synthesis of a short RNA primer on a DNA template, providing a free 3'-OH tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
419] [evidence IEA]

"Interacting selectively with a PDZ domain of a protein, a domain found in diverse signaling prote

EA]"

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr

The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr

The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
90] [evidence TAS]; The progression of biochemical and morphological phases and events that c
ons are suitable for the cell to proceed to the next stage [goid 75] [pmid 8626390] [evidence TAS
[goid 7283] [pmid 9705831] [evidence NAS]"

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Catalysis of the cleavage of the N-C1' glycosidic bond between the damaged DNA base and th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Catalysis of the transfer of copper (Cu) ions from one side of a membrane to the other [goid 537
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an opsonin to initiate a change in cell activity [goid 1847] [pmid 2402637] [evide
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with acetylated low-density lipoproteins, advanced glycation end products, or other p
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
[goid 5057] [pmid 1373518] [evidence TAS]; Interacting selectively with any protein or protein co
tial internal or invasive threat [goid 6955] [pmid 2447586] [evidence NAS]; The process by which
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
tial internal or invasive threat [goid 6955] [evidence IEA]; The process by which an antigen-prese
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
tial internal or invasive threat [goid 6955] [evidence IEA]; The process by which an antigen-prese
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Combining with an extracellular or intracellular messenger, and in cooperation with a nearby pri
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
atom peptidyl-tryptophan [goid 6487] [pmid 2466944] [evidence TAS]
"Catalysis of the reaction: NAD+ + H2O = nicotinamide + ADP-ribose [goid 3953] [evidence IEA]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
223854] [evidence IDA]; A phase of elevated metabolic activity, during which oxygen consumptio
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
ement cascade which allows for the direct killing of microbes, the disposal of immune complexes
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a cytokine, any of a group of proteins that function to control the surv
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
y, which result in restriction of damage to the organism attacked or prevention/recovery from the
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
A receptor that binds an extracellular ligand and transmits the signal to a heterotrimeric G-protei
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleoside, a compound consisting of a purine or pyrimidine nitrog
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Interacting selectively with an unfolded protein [goid 51082] [pmid 8666233] [evidence TAS]; In
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
(mRNA) and the excision of intron sequences, via a spliceosomal mechanism, so that mRNA co
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [evidence IEA
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Naturally occurring peptide that is an opioid (any non-alkaloid having an opiate-like effect that c
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of any enzyme that catalyzes the hydrolysis of GTP to G
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8917598] [evidence N
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 12734196] [evidence IDA]; Int
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9506968] [evidence T

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
[goid 16534] [evidence IEA]
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [eviden
"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [eviden
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]

"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [pmid 9
"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [pmid 8
"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [pmid 8
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine

"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: CTP + phosphatidate = diphosphate + CDP-diacylglycerol [goid 4605]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence ISS]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2247079] [evidence
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"A receptor that binds an extracellular ligand and transmits the signal to a heterotrimeric G-prote
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 1339310] [evidence T
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
78] [evidence TAS]
"Interacting selectively with monomeric or multimeric forms of tubulin, including microtubules [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with DNA of a specific nucleotide composition, e.g. GC-rich DNA binding

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a protein kinase, any enzyme that catalyzes the transfer of a phosph
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [pmid 10947957] [evidence IDA]; C
"Catalysis of the reaction: NTP + 1,2-diacylglycerol = NDP + 1,2-diacylglycerol 3-phosphate [goi
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Enables the directed movement of phospholipids into, out of, within or between cells. Phosphol
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
lement cascade which allows for the direct killing of microbes and the regulation of other immune
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a hormone, any substance formed in very small amounts in one spe

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: cholesterol + AH2 + O2 = 25-hydroxycholesterol + A + H2O [goid 1567
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]; The directed movement of proteins in a cell, from one side of a membrane to another [goid

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Catalysis of the reaction: choline + acceptor = betaine aldehyde + reduced acceptor [goid 8812
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the random hydrolysis of N-acetyl-beta-D-glucosaminide 1,4-beta-linkages in chitin
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: ATP + choline = ADP + O-phosphocholine [goid 4103] [pmid 1036358
"Catalysis of the reaction: ATP + choline = ADP + O-phosphocholine [goid 4103] [evidence IEA]
"Catalysis of the reaction: 2 geranylgeranyl diphosphate + protein-cysteine = 2 S-geranylgeranyl
"Catalysis of the reaction: 2 geranylgeranyl diphosphate + protein-cysteine = 2 S-geranylgeranyl
"Catalysis of the hydrolysis of peptide bonds by a mechanism in which water acts as a nucleoph
Interacting selectively with a specific domain of a protein [goid 19904] [pmid 17928862] [evidenc
Interacting selectively with a specific domain of a protein [goid 19904] [pmid 17928862] [evidenc
Interacting selectively with a specific domain of a protein [goid 19904] [pmid 17928862] [evidenc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]"
EA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of proteins into, out of, within or between cells [goid 8565] [pmi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; [goid 15459] [pmid 8
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t
"Interacting selectively with a cytokine, any of a group of proteins that function to control the sur
"[goid 4889] [evidence IEA]; [goid 4889] [pmid 9221765] [evidence IMP]; Catalysis of facilitated
"[goid 4889] [evidence IEA]; Interacting selectively with one or more specific sites on a receptor
Catalysis of the transmembrane transfer of an ion by a channel that opens when a specific extra
[goid 4889] [evidence IEA]; Catalysis of facilitated diffusion of an ion (by an energy-independent
[goid 4889] [pmid 8906617] [evidence TAS]; Catalysis of facilitated diffusion of an ion (by an ene
"[goid 4889] [evidence IEA]; Catalysis of the transmembrane transfer of an ion by a channel that
"[goid 4889] [evidence ISS]; Catalysis of facilitated diffusion of an ion (by an energy-independen
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + N-acetyl-D-galactosamine

"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + N-acetyl-D-glucosamine =
"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + N-acetyl-D-glucosamine =
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + N-acetyl-D-galactosamine
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Any transcription regulator
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 15475008] [evidence IMP]; Int
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Enables the

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
her be an existing DNA molecule or RNA [goid 6260] [evidence IEA]; The progression of biocher

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Modulates the activity of a cyclin-dependent protein kinase, enzymes of the protein kinase fami
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
"Catalysis of facilitated diffusion of a chloride (by an energy-independent process) involving pas
Interacting selectively with chloride ions (Cl-) [goid 31404] [evidence IEA]

"Functions to control the survival, growth, differentiation and effector function of tissues and cell
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
"Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an ato
Catalysis of the transmembrane transfer of a chloride ion by a voltage-gated channel [goid 5247
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of a chloride ion by a voltage-gated channel [goid 5247
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; The action of a mole
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with an opsonin, such as a complement component or antibody, deposite
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an identical protein to form a homodimer [goid 42803] [pmid 150104
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: CMP-N-acetylneuraminate + NADPH + H+ + O2 = CMP-N-glycoloyln
"Catalysis of the reaction: CTP + N-acylneuraminate = diphosphate + CMP-N-acylneuraminate [
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of the hydrolysis of the terminal or penultimate peptide bond at the C-terminal end of
ed by keratin. Keratinization occurs in the stratum corneum, feathers, hair, claws, nails, hooves,
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
ween cells [goid 6811] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ween cells [goid 6811] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Functions to mediate the interaction of transcriptional activators with the RNA polymerase II-gen
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Catalysis of the hydrolysis of ester linkages within nucleic acids by removing nucleotide residue
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t
"Catalysis of the reaction: nucleoside 2',3'-cyclic phosphate + H2O = nucleoside 2'-phosphate [g
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Catalysis of the phosphorylation of a specific transcription regulator in response to the presence
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of proteins into, out of, within or between cells [goid 8565] [pmi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
EA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"The action of a molecule that contributes to the structural integrity of the extracellular matrix [gc
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Interacting selectively with an integrin [goid 5178] [pmid 12682293] [evidence IDA]; Interacting s
"The action of a molecule that contributes to the structural integrity of the extracellular matrix [gc
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"The action of a molecule that contributes to the structural integrity of the extracellular matrix [gc
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
ı the synaptic cleft during synaptic transmission [goid 1507] [pmid 9689136] [evidence TAS]; Any
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15799966] [eviden
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Catalysis of the transfer of a methyl group to the oxygen atom of an acceptor molecule [goid 81
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the transfer of a prenyl group from one compound (donor) to another (acceptor) [go
"Catalysis of the reaction: S-adenosyl-L-methionine + 3-hexaprenyl-4,5-dihydroxybenzoate = S-a
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of an oxidation-reduction (redox) reaction in which hydrogen or electrons are transfer
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
ectron-transporting coenzyme [goid 6744] [evidence IEA]"
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with a G-protein-coupled receptor [goid 1664] [pmid 12915402] [evidence
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi

Assists in the delivery of copper ions to target proteins or compartments [goid 16531] [evidence

Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi

Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi

"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me

"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a syntaxin, a SNAP receptor involved in the docking of synaptic vesi
"Enables the directed movement of a neurotransmitter into, out of, within or between cells. Neur
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with phosphatidylserine, a class of glycophospholipids in which a phosph

"Catalysis of the reaction: ATP + a protein serine/threonine = ADP + protein serine/threonine ph

"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Catalysis of the reaction: coproporphyrinogen-III + O2 + 2 H+ = protoporphyrinogen-IX + 2 CO2

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: palmitoyl-CoA + L-carnitine = CoA + L-palmitoylcarnitine [goid 4095] [
"Catalysis of the reaction: palmitoyl-CoA + L-carnitine = CoA + L-palmitoylcarnitine [goid 4095] [
"Catalysis of the reaction: palmitoyl-CoA + L-carnitine = CoA + L-palmitoylcarnitine [goid 4095] [
"Catalysis of the reaction: palmitoyl-CoA + L-carnitine = CoA + L-palmitoylcarnitine [goid 4095] [
Catalysis of the hydrolysis of a peptide bond not more than three residues from the C-terminus o
"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me
tion [goid 45916] [evidence IEA]"
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with retinoic acid, 3,7-dimethyl-9-(2,6,-trimethyl-1-cyclohexen-1-yl)-2,4,6,8
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415

Catalysis of the reaction: ATP + H2O = ADP + phosphate to drive the hydrolysis of peptide bond
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 9710587] [evi
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 9126610] [evidence TAS]; Interacting
Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 8824798] [evidence TAS]; Interacting
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 12084575] [
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The action of a molecule that contributes to the structural integrity of the lens of an eye [goid 52
The action of a molecule that contributes to the structural integrity of the lens of an eye [goid 52
The action of a molecule that contributes to the structural integrity of the lens of an eye [goid 52

The action of a molecule that contributes to the structural integrity of the lens of an eye [goid 52
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: acetyl-CoA + H2O + oxaloacetate = citrate + CoA [goid 4108] [pmid 9
"Catalysis of the reaction: 3-sulfino-L-alanine = hypotaurine + CO2 [goid 4782] [evidence IEA]; G

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
Interacting selectively with beta-amyloid peptide/protein and/or its precursor [goid 1540] [pmid 1
[goid 4869] [pmid 8995380] [evidence TAS]
[goid 4869] [pmid 9733783] [evidence TAS]
[goid 4869] [evidence IEA]
"Interacting selectively with any protease or peptidase [goid 2020] [pmid 6203523] [evidence IPI
Interacting selectively with any protease or peptidase [goid 2020] [pmid 6203523] [evidence IPI]
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 1741396] [ev
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 1741396] [ev

ans, and organisms. A process is a collection of molecular events with a defined beginning and e
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Interacting selectively with an integrin [goid 5178] [evidence IEA]; Interacting selectively with an
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
"Catalysis of the reaction: L-cystathionine + H2O = L-cysteine + NH3 + 2-oxobutanoate [goid 41
The action of a molecule that contributes to the structural integrity of a complex or assembly with
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the
Interacting selectively with the beta subunit of the catenin complex [goid 8013] [evidence IEA]; In
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Catalysis of the transfer of L-cystine from one side of a membrane to the other [goid 15184] [pm
"Catalysis of the reaction: ATP + UTP + NH3 = ADP + phosphate + CTP [goid 3883] [pmid 1617
"Catalysis of the reaction: ATP + UTP + NH3 = ADP + phosphate + CTP [goid 3883] [pmid 1089
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Catalysis of the hydrolysis of a peptide bond not more than three residues from the C-terminus o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of peptide bonds in a polypeptide chain by a mechanism in which the
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a ubiquitin protein ligase enzyme, any of the E3 proteins [goid 3162
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a ubiquitin protein ligase enzyme, any of the E3 proteins [goid 3162
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Any transcr
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
"Combining with a low-density lipoprotein to initiate a change in cell activity [goid 5041] [evidenc
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
The function of a family of chemotactic pro-inflammatory activation-inducible cytokines acting pr
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Catalysis of the reaction: 2 Fe2+ + NAD+ = 2 Fe3+ + NADH + H+ [goid 293] [pmid 14499595] [e
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with a
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with a
"Interacting selectively with heme, any compound of iron complexed in a porphyrin (tetrapyrrole)
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with heme, any compound of iron complexed in a porphyrin (tetrapyrrole)
"Catalysis of the reaction: NADH + H+ + 2 ferricytochrome b(5) = NAD+ + 2 ferrocytochrome b(5
"Catalysis of the reaction: NADH + H+ + 2 ferricytochrome b(5) = NAD+ + 2 ferrocytochrome b(5
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Catalysis of the reaction: NADH + H+ + 2 ferricytochrome b(5) = NAD+ + 2 ferrocytochrome b(5

"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
"Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an ator
"Catalysis of the reaction: 2 Fe2+ + NAD+ = 2 Fe3+ + NADH + H+ [goid 293] [pmid 14499595] [
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [

"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with retinoic acid, 3,7-dimethyl-9-(2,6,-trimethyl-1-cyclohexen-1-yl)-2,4,6,8
"Interacting selectively with retinoic acid, 3,7-dimethyl-9-(2,6,-trimethyl-1-cyclohexen-1-yl)-2,4,6,8
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the formation
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
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"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the formation
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl d

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Catalysis of the reaction: triacylglycerol + H2O = diacylglycerol + a fatty acid anion [goid 4806] |
"Catalysis of the reaction: ATP + glycerone = ADP + glycerone phosphate [goid 4371] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"[goid 5057] [pmid 9215629] [evidence TAS]; Interacting selectively with any protein or protein c
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
[goid 8419] [pmid 10982890] [evidence IMP]; Catalysis of the hydrolysis of any ester bond [goid
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
ellular matrix, via cell adhesion molecules [goid 7155] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
d [goid 7242] [evidence IEA]
d [goid 7242] [evidence IEA]
Catalysis of the reaction: 3-cis-dodecenoyl-CoA = 2-trans-dodecenoyl-CoA [goid 4165] [evidenc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
om the DNA helix as an oligonucleotide. The small gap left in the DNA helix is filled in by the sec
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: dCMP + H2O = dUMP + NH3 [goid 4132] [pmid 7685356] [evidence E
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the reaction: N

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with damaged DNA [goid 3684] [pmid 8407967] [evidence TAS]; Interactir
Interacting selectively with damaged DNA [goid 3684] [pmid 8407967] [evidence TAS]; Catalysis
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
[goid 9968] [evidence IEA]"

"Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl d
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

"Catalysis of the reaction: L-dopachrome = 5,6-dihydroxyindole-2-carboxylate [goid 4167] [pmid
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reactior
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

anism [goid 42742] [evidence IEA]

anism [goid 42742] [evidence IEA]
anism [goid 42742] [evidence IEA]
anism [goid 42742] [evidence IEA]
anism [goid 42742] [evidence IEA]
anism [goid 42742] [evidence IEA]
a specific chemical concentration gradient. Movement may be towards a higher concentration (po
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the hydroxylation of sphingolipid long chain bases [goid 170] [evidence IEA]; Cataly
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8056341] [evidence N

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
d [goid 7242] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: 2-deoxy-D-ribose 5-phosphate = D-glyceraldehyde 3-phosphate + ace
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

[goid 4537] [pmid 9108473] [evidence TAS]; Interacting selectively with an identical protein or pr
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol [goid 4144] [pmi
"Catalysis of the reaction: acyl-CoA + 2-acylglycerol = CoA + diacylglycerol [goid 3846] [evidenc
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]; Interacting selectiv
"Catalysis of the reaction: NTP + 1,2-diacylglycerol = NDP + 1,2-diacylglycerol 3-phosphate [goi
"Catalysis of the reaction: NTP + 1,2-diacylglycerol = NDP + 1,2-diacylglycerol 3-phosphate [goi
"Catalysis of the reaction: NTP + 1,2-diacylglycerol = NDP + 1,2-diacylglycerol 3-phosphate [goi
"Catalysis of the reaction: NTP + 1,2-diacylglycerol = NDP + 1,2-diacylglycerol 3-phosphate [goi
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: 5,6,7,8-tetrahydrofolate + NADP+ = 7,8-dihydrofolate + NADPH + H+
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: (S)-dihydroorotate + acceptor = orotate + reduced acceptor [goid 415
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: R-CHOH-R' + NADP+ = R-CO-R' + NADPH + H+ [goid 4090] [evidenc
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: 2-oxoglutarate + lipoamide = S-succinyldihydrolipoamide + CO2 [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Catalysis of the dimethylation two adjacent A residues in the loop closing the 3'-terminal stem c
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Combining with the hedgehog protein to initiate a change in cell activity [goid 8158] [evidence IE

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1). C

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: protein N6-(dihydrolipoyl)lysine + NAD+ = protein N6-(lipoyl)lysine + N
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ycle [goid 45786] [evidence IEA]"

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Catalysis of the reaction: ATP + GMP = ADP + GDP [goid 4385] [pmid 8755482] [evidence TAS
Catalysis of the reaction: ATP + GMP = ADP + GDP [goid 4385] [evidence NAS]; Interacting sel
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with the Notch (N) protein, a surface receptor [goid 5112] [pmid 1182342
"Interacting selectively with the Notch (N) protein, a surface receptor [goid 5112] [pmid 1074211
"Catalysis of the reaction: succinyl-CoA + dihydrolipoamide = CoA + S-succinyldihydrolipoamide
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with Rab protein, any member of the Rab subfamily of the Ras superfam
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectvely with

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectvely with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectvely with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectvely with
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Functions to increase the rate of ATP hydrolysis [goid 1671] [pmid 11896048] [evidence IDA]; I
"Modulates the activity of a molecular chaperone [goid 30188] [evidence ISS]; Interacting select
"Functions to increase the rate of ATP hydrolysis [goid 1671] [pmid 14668352] [evidence TAS];
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectvely with
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons

"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the hydrolysis of ester linkages within deoxyribonucleic acid [goid 4536] [evidence
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9205125] [evidence T

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9070308] [evidence T
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9714827] [evidence T

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10433969] [evidence
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Increases the activity of an enzyme [goid 8047] [pmid 16543361] [evidence IDA]; Interacting sele
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with a
Interacting selectively with the insulin receptor [goid 5158] [evidence IEA]; Interacting selectively
[goid 5066] [evidence IEA]; Interacting selectively with the insulin receptor [goid 5158] [evidence
Interacting selectively with the insulin receptor [goid 5158] [evidence IEA]

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15231747] [eviden
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
cles transport substances from the trans-Golgi to endosomes [goid 6895] [pmid 16301316] [evid
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + dolichyl phosphate = UMP + N-acetyl-

"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 8812431] [evidence NAS]; Interacting
-mediated process in which the information in messenger RNA (mRNA) is used to specify the se

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: S-adenosyl-L-methionine + 2-(3-carboxy-3-aminopropyl)-L-histidine =
Catalysis of the reaction: dolichyl phosphate D-mannose + protein = dolichyl phosphate + O-D-n
Catalysis of the reaction: GDP-mannose + dolichyl phosphate = GDP + dolichyl D-mannosyl pho
Catalysis of the reaction: GDP-mannose + dolichyl phosphate = GDP + dolichyl D-mannosyl pho
Catalysis of the hydrolysis of peptide bonds in a polypeptide chain by a catalytic mechanism tha
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4

Interacting selectively with an identical protein or proteins [goid 42802] [pmid 16189514] [eviden
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the hydrolysis of any carbon-nitrogen bond, C-N, with the exception of peptide bon
"Catalysis of the hydrolysis of any carbon-nitrogen bond, C-N, with the exception of peptide bon
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]; Interacting
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Catalysis of the hydrolysis of any ester bond [goid 16788] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15102850] [eviden

"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
Interacting selectively with any protein or protein complex (a complex of two or more proteins th‹
Interacting selectively with any protein or protein complex (a complex of two or more proteins th‹
Interacting selectively with any protein or protein complex (a complex of two or more proteins th‹
Interacting selectively with any protein or protein complex (a complex of two or more proteins th‹
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]; Catalysis of an ox
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"[goid 4726] [pmid 1406996] [evidence TAS]; Interacting selectively with any protein or protein c
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9685386] [e
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: dUTP + H2O = dUMP + diphosphate [goid 4170] [evidence IEA]; Cata
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph

"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
[goid 16505] [pmid 10426319] [evidence NAS]
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
[goid 4896] [evidence IEA]; Interacting selectively with any protein or protein complex (a comple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction which results in unsaturation at C-7 in the B ring of sterols [goid 247] [e
Catalysis of the reaction: 5-alpha-cholest-7-en-3-beta-ol = 5-alpha-cholest-8-en-3-beta-ol [goid 4

The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani

Catalysis of the reaction: (3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H2O [goid 4300] |
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: (3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H2O [goid 4300]
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of the terminal 1,2-linked alpha-D-mannose residues in the oligo-ma
"Catalysis of the hydrolysis of the terminal 1,2-linked alpha-D-mannose residues in the oligo-ma
"Catalysis of the hydrolysis of the terminal 1,2-linked alpha-D-mannose residues in the oligo-ma
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
Any transcription regulator activity that prevents or downregulates transcription [goid 16564] [pm
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [pmid 18
Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [evidenc
Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [evidenc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with a r
"Interacting selectively with DNA of a specific nucleotide composition, e.g. GC-rich DNA binding
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with an ephrin receptor [goid 46875] [pmid 2233719] [evidence TAS]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
[goid 5005] [pmid 8660976] [evidence TAS]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
[goid 5005] [pmid 9126477] [evidence TAS]; Interacting selectively with an ephrin receptor [goid
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [pmid 1200413
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
] [pmid 9305847] [evidence TAS]
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Interacting selectively with transfer RNA [goid 49] [pmid 12133843] [evidence IMP]; Functions in
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Functions in the initiation
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Functions in the initiation
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Functions in the initiation
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Functions in the initiation
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 3044606] [ev
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37

Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37

Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37

Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
Interacting selectively with a 7-methylguanosine (m7G) moiety or derivative located at the 5' enc
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Fur
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Interacting selectively with a 7-methylguanosine (m7G) moiety or derivative located at the 5' enc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 15303967] [
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of ester linkages within nucleic acids by creating internal breaks [goi
"Catalysis of the hydrolysis of ester linkages within nucleic acids by creating internal breaks [goi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 9108030] [evi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
contained within phagocytic vacuoles (phagosomes), which then fuse with primary lysosomes to
contained within phagocytic vacuoles (phagosomes), which then fuse with primary lysosomes to

The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Catalysis of the transfer of an acyl group, other than amino-acyl, from one compound (donor) to
atic monocarboxylic acids that can be liberated by hydrolysis from naturally occurring fats and oils
"A G-protein coupled receptor that responds to incidental electromagnetic radiation, particularly
atic monocarboxylic acids that can be liberated by hydrolysis from naturally occurring fats and oils
"Catalysis of the transfer of an acyl group, other than amino-acyl, from one compound (donor) to
atic monocarboxylic acids that can be liberated by hydrolysis from naturally occurring fats and oils
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11714725] [evidence

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11714725] [evidence
"Catalysis of the addition of an acetyl group to a histone, specific for histones H3 and H4 [goid 4

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 9226380] [evidence NAS]
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
mid 8996089] [evidence TAS]; The process by which a cell irreversibly increases in size over tim
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
The action of a molecule that contributes to the structural integrity of tooth enamel [goid 30345]
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; The function of bin
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the geo
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of a biochemi
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [g
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Any transcription regulator activity required for initiation or upregulation of transcription [goid 165
physical agents in the environment (e.g. UV and ionizing radiations, chemical mutagens, fungal

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of the concomitant phosphorylation of threonine (T) and tyrosine (Y) residues in a Thr
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: an epoxide + H2O = a glycol [goid 4301] [evidence IEA]; Catalysis of t
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine

Interacting selectively with a lipid [goid 8289] [evidence IEA]
Interacting selectively with a lipid [goid 8289] [evidence IEA]
Combining with erythropoietin to initiate a change in cell activity [goid 4900] [pmid 2163696] [evi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Combining with an e
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4

"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the reaction: ATP + a protein tyrosine = ADP + protein tyrosine phosphate [goid 47
"Catalysis of the reaction: ATP + a protein-L-tyrosine = ADP + a protein-L-tyrosine phosphate, to
"Catalysis of the hydrolysis of ester linkages within a single-stranded deoxyribonucleic acid mole
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with single-stranded DNA [goid 3697] [evidence IEA]; Catalysis of the hyd
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: NTP + H2O = NDP + phosphate to drive the unwinding of a DNA helix
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans

Catalysis of the rearrangement of both intrachain and interchain disulfide bonds in proteins [goid

Increases the rate of GTP hydrolysis by a GTPase of the Rho family [goid 5100] [pmid 1074988
The action of a molecule that contributes to the structural integrity of a complex or assembly with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7990965] [ev
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans

Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Catalysis of the reaction: reduced ETF + ubiquinone = ETF + ubiquinol [goid 4174] [pmid 8617
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Catalysis of the reaction: ATP + ethanolamine = ADP + O-phosphoethanolamine [goid 4305] [p
"Catalysis of the reaction: ATP + choline = ADP + O-phosphocholine [goid 4103] [evidence NAS
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar

Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA];
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11842105] [evidence
nes, matrix proteins) contained within a membrane-bounded vesicle by fusion of the vesicle with
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
nes, matrix proteins) contained within a membrane-bounded vesicle by fusion of the vesicle with
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

nes, matrix proteins) contained within a membrane-bounded vesicle by fusion of the vesicle with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 11812149] [
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + beta-D-glucuronosyl-(1,3)-beta-D-gala
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Catalysis of an oxidatio
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the reaction: a monocarboxylic acid amide + H2O = a monocarboxylate + NH3 [goi
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with a death receptor [goid 5123] [pmid 7538907] [evidence TAS]; Interac
"Catalysis of the reaction: 5,7,24(28)-ergostatrienol + O2 + NADPH = 5,7,22,24(28)-ergostatetra
"Catalysis of the reaction: stearoyl-CoA + 2 ferrocytochrome b5 + O2 + 2 H+ = oleoyl-CoA + 2 fe
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Modulation of the activity of the enzyme protein kinase CK2 [goid 8605] [pmid 11713579] [evide

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
tosis [goid 43066] [evidence IEA]; Any process that stops, prevents or reduces the frequency, rat
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
] [pmid 9586636] [evidence TAS]; Any immune system process that functions in the calibrated re

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with purine nucleotides, any compound consisting of a purine nucleoside

evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

"Interacting selectively with a SH3 domain (Src homology 3) of a protein, small protein modules

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with

)45752 XM_945754 XM_945756"

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Functions to control the survival, growth, differentiation and effector function of tissues and cell
"Functions to control the survival, growth, differentiation and effector function of tissues and cell
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

e into bone or a bony substance [goid 1503] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with oxygen (O2) [goid 19825] [evidence IEA]; Interacting selectively with

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
physical agents in the environment (e.g. UV and ionizing radiations, chemical mutagens, fungal
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with damaged DNA [goid 3684] [pmid 9806548] [evidence TAS]; The sele
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rho family. Under normal c
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with transfer RNA [goid 49] [pmid 10329163] [evidence IDA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Enables the directed movement of acyl groups into, out of, within or between cells [goid 36] [ev
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the

"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 1846968] [e
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; The action of a mole
Interacting selectively with an integrin [goid 5178] [pmid 10428823] [evidence TAS]; Interacting s
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: D-fructose 2,6-bisphosphate + H2O = D-fructose 6-phosphate + phos

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10799292] [evidence
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a glycoprotein, a protein that contains covalently bound glycose (mo
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phys
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
r more mature rRNA molecules [goid 6364] [evidence IEA]
ellular matrix, via cell adhesion molecules [goid 7155] [evidence IEA]; The process by which the s
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: dimethylallyl diphosphate + isopentenyl diphosphate = diphosphate +

"Interacting selectively with iron (Fe) ions [goid 5506] [pmid 2969697] [evidence TAS]; Any mole
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s

"Catalysis of the reaction: protoporphyrin + Fe2+ = protoheme + 2 H+ [goid 4325] [evidence IEA
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with any growth factor, proteins or polypeptides that stimulate a cell or or
)949182] [evidence TAS]

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: (S)-malate = fumarate + H2O [goid 4333] [pmid 8200987] [evidence E
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
or multisubunit complexes into the correct tertiary structure [goid 6457] [evidence IEA]
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755

Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

754 XM_945756"

179 XM_943199 XM_943200 XM_943203 XM_943207 XM_943210 XM_943212"

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]

The action of a molecule that contributes to the structural integrity of a complex or assembly witl

ıtial internal or invasive threat [goid 6955] [evidence IEA]; The process by which an antigen-prese

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbox
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively with an ident
Interacting selectively with a lipid [goid 8289] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

n [goid 45600] [evidence IEA]"

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the covalent addition of an isoprenoid group such as a farnesyl or geranylgeranyl g
"Catalysis of the reaction: trans,trans-farnesyl diphosphate + isopentenyl diphosphate = diphosp
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
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"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
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"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the transfer of a phosphorus-containing group from one compound (donor) to an al
n the surface of the target cell and ending with a change in cell state [goid 16055] [evidence IEA]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: 2 Fe2+ + NAD+ = 2 Fe3+ + NADH + H+ [goid 293] [pmid 14499595] [
Interacting selectively with the insulin receptor [goid 5158] [evidence IEA]; Combining with an ex
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with Wnt-protein, a secreted growth factor involved in signaling [goid 171
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with two or more protein molecules, or a protein and another macromolec
"Interacting selectively with two or more protein molecules, or a protein and another macromolec
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Acts to negatively regulate the activity of activin, a nonsteroidal regulator synthesized in the pitu
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of the reaction: 4 Fe2+ + 4 H+ + O2 = 4 Fe3+ + 2 H2O [goid 4322] [evidence IEA]; Int

"Interacting selectively with ferric iron, Fe(III) [goid 8199] [evidence IEA]; Catalysis of an oxidatio
d right halves. The pattern can either be symmetric, such that the halves are mirror images, or as
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group from a donor to a nucleoside residue in an RNA mol
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

Interacting selectively with single-stranded DNA [goid 3697] [pmid 8125259] [evidence TAS]; Th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Catalysis of the reaction: an alpha-L-fucoside + H2O = an alcohol + L-fucose [goid 4560] [pmid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with any protease or peptidase [goid 2020] [pmid 14744861] [evidence IF
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Catalysis of the transfer of a fucosyl group to an acceptor molecule, typically another carbohydr
"Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [
"Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7781595] [ev
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7489725] [ev
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

[goid 4926] [evidence IEA]; A receptor that binds an extracellular ligand and transmits the signal
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: D-glucose 6-phosphate + H2O = D-glucose + phosphate [goid 4346] [
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the h
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a SNARE (soluble N-ethylmaleimide-sensitive factor attached protein
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Combining with the amino acid gamma-aminobutyric acid (GABA, 4-aminobutyrate) to initiate a
"Catalysis of the transmembrane transfer of an ion by a channel that opens when a specific extr
"Combining with the amino acid gamma-aminobutyric acid (GABA, 4-aminobutyrate) to initiate a
"Catalysis of the reaction: L-glutamate = 4-aminobutanoate + CO2 [goid 4351] [pmid 10671565]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + a galactosylceramide = ade
"Catalysis of the reaction: D-galactosyl-N-acylsphingosine + H2O = D-galactose + N-acylsphingo
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: alpha-D-glucose = beta-D-glucose. Also acts on L-arabinose, D-xylose
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
"Catalysis of the reaction: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-ga
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction: UDP-glucose + alpha-D-galactose 1-phosphate = alpha-D-glucose 1-p
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Interacting select
"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the h
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: L-arginine + glycine = L-ornithine + guanidinoacetate [goid 15068] [pm

"Catalysis of the reaction: D-glucosyl-N-acylsphingosine + H2O = D-glucose + N-acylsphingosin
"Catalysis of the reaction: D-glucosyl-N-acylsphingosine + H2O = D-glucose + N-acylsphingosin

"Catalysis of the transfer of a segment of a 1,4-alpha-D-glucan chain to a primary hydroxyl grou
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phys
"Catalysis of the transfer of a hexosyl group from one compound (donor) to another (acceptor) [g
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [evidence IEA]; Interactin
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with vitamin D, a fat soluble vitamin that contributes to the maintenance o
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 1530588] [evidence TAS]
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: glutaryl-CoA + acceptor = crotonoyl-CoA + CO2 + reduced acceptor [g

"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Catalysis of the reaction: GTP + 2 H2O = formate + 2-amino-4-hydroxy-6-(erythro-1,2,3-trihydro
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [pmid 24639] [evidence IDA]; Catal
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + beta-D-galactosyl-1,3-N-acetyl-D-gala

"Catalysis of the transfer of an N-acetylglucosaminyl residue from UDP-N-acetyl-glucosamine to
Catalysis of the transfer of an N-acetylglucosaminyl residue from UDP-N-acetyl-glucosamine to

"Catalysis of the reaction: (6S)-tetrahydrofolate + S-aminomethyldihydrolipoylprotein = (6R)-5,1(
"Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 10075721] [evidence TAS]; Catalysi

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Functions to control the survival, growth, differentiation and effector function of tissues and cell

"Prevents the dissociation of GDP from the small GTPase Rab, thereby preventing GTP from bi
"Prevents the dissociation of GDP from the small GTPase Rab, thereby preventing GTP from bi
"Catalysis of the reaction: a glycerophosphodiester + H2O = an alcohol + sn-glycerol 3-phospha
"Catalysis of the reaction: a glycerophosphodiester + H2O = an alcohol + sn-glycerol 3-phospha
"Catalysis of the reaction: a glycerophosphodiester + H2O = an alcohol + sn-glycerol 3-phospha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"[goid 8488] [pmid 1749935] [evidence TAS]; Catalysis of the ligation of two substances with cor
"Catalysis of the removal of terminal peptide residues that are substituted, cyclized or linked by i
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
"Catalysis of the reaction: (5-L-glutamyl)-peptide + an amino acid = peptide + 5-L-glutamyl-amin

Catalysis of the transfer of a hexosyl group from one compound (donor) to another (acceptor) [g

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ıer be an existing DNA molecule or RNA [goid 6260] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence IEA]

"A wide pore channel activity that enables a direct cytoplasmic connection from one cell to an ad
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
nd the de novo formation of blood vessels and tubes [goid 1570] [evidence IEA]; The directed m
"A wide pore channel activity that enables a direct cytoplasmic connection from one cell to an ad
ractions such as signaling or attachment between one cell and another cell, between a cell and a
"Catalysis of the reaction: ATP + glycerol = ADP + glycerol 3-phosphate [goid 4370] [evidence IE
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the h
"Catalysis of the hydrolysis of terminal, non-reducing beta-D-galactose residues in beta-D-galac
"Catalysis of the hydrolysis of terminal, non-reducing beta-D-galactose residues in beta-D-galac
"Catalysis of the hydrolysis of terminal, non-reducing beta-D-galactose residues in beta-D-galac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the geometric or structural changes within one molecule. Isomerase is the systemat
"Catalysis of the reaction: glycine + lipoylprotein = S-aminomethyldihydrolipoylprotein + CO2 [go
EA]; The directed movement of poly(A)+ mRNA out of the nucleus into the cytoplasm [goid 1697
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9118802] [evidence I
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
Interacting selectively with the hepatocyte growth factor receptor [goid 5171] [pmid 11571281] [e
"Catalysis of the reaction: (R)-S-lactoylglutathione = glutathione + methylglyoxal [goid 4462] [pm

"Combining with the amino acid gamma-aminobutyric acid (GABA, 4-aminobutyrate) to initiate a
"Combining with the amino acid gamma-aminobutyric acid (GABA, 4-aminobutyrate) to initiate a
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the reaction: a
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Catalysis of the reaction: L-glutamine + H2O = L-glutamate + NH3 [goid 4359] [evidence IEA]; C
"Catalysis of the reaction: L-glutamine + H2O = L-glutamate + NH3 [goid 4359] [pmid 10620514
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g

Catalysis of the transfer of a hexosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Enables the directed movement of glycolipids, compounds containing (usually) 1-4 linked monc
"Enables the directed movement of glycolipids, compounds containing (usually) 1-4 linked monc

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
"Catalysis of the reaction: ATP + (R)-glycerate = ADP + 3-phospho-(R)-glycerate [goid 8887] [pr
"Catalysis of the hydrolysis of terminal non-reducing N-acetyl-D-hexosamine residues in N-acety
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Catalysis of the reaction: GTP + alpha-D-mannose 1-phosphate = diphosphate + GDP-mannos
"Catalysis of the reaction: GTP + alpha-D-mannose 1-phosphate = diphosphate + GDP-mannos
"Catalysis of the reaction: inosine 5'-phosphate + NH3 + NADP+ = guanosine 5'-phosphate + N
"Catalysis of the reaction: inosine 5'-phosphate + NH3 + NADP+ = guanosine 5'-phosphate + N
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 3095147] [evidence
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 2902634] [evidence
"Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 9425898] [evidenc
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 9606987] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 7665596] [evidence
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 7665596] [evidence
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 10819326] [evidenc
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 9286705] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
"Catalysis of the reaction: D-glucosamine 6-phosphate + H2O = D-fructose 6-phosphate + NH3
"Catalysis of the reaction: D-glucosamine 6-phosphate + H2O = D-fructose 6-phosphate + NH3
"Catalysis of the reaction: acetyl-CoA + D-glucosamine 6-phosphate = CoA + N-acetyl-D-glucos
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the hyd
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
out of or within a cell [goid 16192] [pmid 8626529] [evidence TAS]"
"Catalysis of the reaction: ATP + a protein tyrosine = ADP + protein tyrosine phosphate [goid 47

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"

EA]; The directed movement of substances, either within a vesicle or in the vesicle membrane, in
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with the Cystic Fibrosis Transmembrane conductance Regulator (CFTR) p
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: L-aspartate + 2-oxoglutarate = oxaloacetate + L-glutamate [goid 4069
"Catalysis of the reaction: L-aspartate + 2-oxoglutarate = oxaloacetate + L-glutamate [goid 4069
"Catalysis of the reaction: L-aspartate + 2-oxoglutarate = oxaloacetate + L-glutamate [goid 4069
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the formation of the linkage between a protein and a glycosylphosphatidylinositol a
"Catalysis of the reaction: acyl-CoA + sn-glycerol 3-phosphate = CoA + 1-acyl-sn-glycerol 3-pho

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

283] [pmid 9787072] [evidence TAS]; The process by which anatomical structures are generated

"Catalysis of the reaction: sn-glycerol 3-phosphate + NAD+ = glycerone phosphate + NADH + H
"Catalysis of the reaction: sn-glycerol 3-phosphate + NAD+ = glycerone phosphate + NADH + H
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Catalysis of the reaction: D-glucose 6-phosphate = D-fructose 6-phosphate [goid 4347] [eviden
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: glycoprotein phosphatidylinositol + H2O = phosphatidate + glycoprote

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with an integrin [goid 5178] [evidence IEA]; Interacting selectively with he
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction: donor + H2O2 = oxidized donor + 2 H2O [goid 4601] [evidence IEA]; (
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
A receptor that binds an extracellular ligand and transmits the signal to a heterotrimeric G-protei
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

nding to its physiological ligand [goid 7186] [evidence IEA]

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with a phosphorylated protein [goid 51219] [evidence IEA]
"Stops, prevents or reduces the activity of any enzyme that catalyzes the hydrolysis of GTP to G
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: L-alanine + 2-oxoglutarate = pyruvate + L-glutamate [goid 4021] [evid
"Catalysis of the reaction: 2 glutathione + H2O2 = oxidized glutathione + 2 H2O [goid 4602] [evi
"Catalysis of the reaction: 2 glutathione + H2O2 = oxidized glutathione + 2 H2O [goid 4602] [pm
"Catalysis of the reaction: 2 glutathione + H2O2 = oxidized glutathione + 2 H2O [goid 4602] [evi
"Catalysis of the reaction: 2 glutathione + H2O2 = oxidized glutathione + 2 H2O [goid 4602] [evi

of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Combining with an e

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
A G-protein coupled receptor that is activated by L-AP-4 and inhibits adenylate cyclase activity [
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Stimulates the hydrolysis and exchange of adenyl nucleotides by other proteins [goid 774] [evid
"Stimulates the hydrolysis and exchange of adenyl nucleotides by other proteins [goid 774] [evid

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096]

of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: 2 glutathione + NADP+ = glutathione disulfide + NADPH + H+ [goid 4
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc

"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc

"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [evidence IEA]; Inte
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with damaged DNA [goid 3684] [evidence NAS]; The function of binding t
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 17409385] [evidence
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 17409385] [evidence
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 17409385] [evidence
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 17409385] [evidence
"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Increases the activity of an enzyme [goid 8047] [evidence IEA]; [goid 8048] [pmid 8605041] [evi
"Catalysis of the reaction: GTP = 3',5'-cyclic GMP + diphosphate [goid 4383] [pmid 1683630] [ev
"Catalysis of the reaction: GTP = 3',5'-cyclic GMP + diphosphate [goid 4383] [pmid 9742212] [ev
"Catalysis of the reaction: GTP = 3',5'-cyclic GMP + diphosphate [goid 4383] [evidence IEA]; Inte
"Catalysis of the reaction: GTP = 3',5'-cyclic GMP + diphosphate [goid 4383] [pmid 1680854] [ev
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Catalysis of the reaction: a beta-D-glucuronoside + H2O = an alcohol + D-glucuronate [goid 45
Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: UDP-glucose + (1,4)-alpha-D-glucosyl(n) = UDP + (1,4)-alpha-D-gluco
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9714746] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the clea
"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid

"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid
"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid
"Catalysis of the reaction: (S)-(2-hydroxyacyl)glutathione + H2O = glutathione + a 2-hydroxy carb
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Catalysis of the reaction: L-histidine = urocanate + NH3 [goid 4397] [evidence IEA]; Catalysis o
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence IEA]; Cat
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Catalysis of the reaction: acetyl-CoA + histone = CoA + acetyl-histone [goid 4402] [pmid 94276

"Interacting selectively with interleukin-1 [goid 19966] [pmid 11554782] [evidence IDA]; Interacti
"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [evid

"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [evid
"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [evid
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [evid
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The selecti
"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [evid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: holocytochrome c = apocytochrome c + heme [goid 4408] [pmid 8661
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 10196288] [ev

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom

"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom
"Catalysis of the hydrolysis of acetyl groups from histones, proteins complexed to DNA in chrom
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: 2-phosphoglycolate + H2O = glycolate + phosphate [goid 8967] [evide
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Er
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o

"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phys
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the

"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7906273] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Catalysis of the hydrolysis of terminal non-reducing N-acetyl-D-hexosamine residues in N-acety
"Catalysis of the hydrolysis of terminal non-reducing N-acetyl-D-hexosamine residues in N-acety
"Catalysis of the hydrolysis of any glycosyl bond [goid 16798] [evidence IEA]; Interacting selecti
"Stops, prevents or reduces the activity of a cyclin-dependent protein kinase [goid 4861] [pmid 1
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Catalysis of the reaction: homogentisate + O2 = 4-maleylacetoacetate [goid 4411] [pmid 87828
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the reaction: 6-phospho-D-gluconate + NADP+ = D-ribulose 5-phosphate + CO2 +
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11554746] [evidence
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the reaction: peptide L-aspartate + 2-oxoglutarate + O2 = peptide 3-hydroxy-L-aspa
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with protein kinase C [goid 5080] [pmid 9770345] [evidence TAS]; Cataly
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
]

"Catalysis of the reaction: ATP + 1D-myo-inositol 1,3,4,5,6-pentakisphosphate = ADP + diphosp
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 6647026] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9119399] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 6647026] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9439656] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9439656] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 3035717] [evidence T

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 1469070] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2106471] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2247438] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
M_001132760 XM_001132769 XM_001132772 XM_001132776 XM_001132779 XM_001132781
"Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
on its cell surface in association with an MHC class II protein complex [goid 2504] [evidence IEA
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
on its cell surface in association with an MHC class II protein complex [goid 2504] [evidence IEA
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
Combining with an MHC class II protein complex to initiate a change in cellular activity [goid 323
on its cell surface in association with an MHC class II protein complex [goid 2504] [evidence IEA

Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
"Catalysis of the reaction: ATP + biotin + apo-(acetyl-CoA:carbon-dioxide ligase (ADP forming))
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"Catalysis of the reaction: 4 porphobilinogen + H2O = hydroxymethylbilane + 4 NH3 [goid 4418]
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

Interacting selectively with double-stranded DNA [goid 3690] [pmid 11909973] [evidence TAS]; I
The function of causing local conformational micropolymorphism of DNA in which the original B-
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: (R)-mevalonate + CoA + 2 NADP+ = (S)-3-hydroxy-3-methylglutaryl-C
"Catalysis of the reaction: acetyl-CoA + H2O + acetoacetyl-CoA = (S)-3-hydroxy-3-methylglutary
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

ıtial internal or invasive threat [goid 6955] [evidence IEA]
"Interacting selectively with hyaluronic acid, a polymer composed of repeating dimeric units of gl
"Catalysis of the reaction: heme + 3 donor-H2 + 3 O2 = biliverdin + Fe2+ + CO + 3 acceptor + 3
"Catalysis of the reaction: heme + 3 donor-H2 + 3 O2 = biliverdin + Fe2+ + CO + 3 acceptor + 3
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9733834] [ev
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
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"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with calcium ions (Ca^{2+}) [goid 5509] [pmid 8038222] [evidence TAS]
Interacting selectively with calcium ions (Ca^{2+}) [goid 5509] [pmid 10520747] [evidence TAS]
Catalysis of the reaction: 4-hydroxyphenylpyruvate + O_2 = homogentisate + CO_2 [goid 3868] [ev
"Combining with prostaglandin E (PGE(2)) to initiate a change in cell activity [goid 4957] [pmid 1
"Catalysis of the reaction: IMP + diphosphate = hypoxanthine + 5-phospho-alpha-D-ribose 1-dip
"The formation of a protein dimer, a macromolecular structure consists of two noncovalently ass
constituent parts, or disassembly of an organelle within a cell. An organelle is an organized struc
Interacting selectively with an identical protein to form a homodimer [goid 42803] [pmid 1266365

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 2037293] [evidence TAS]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of ester linkages within nucleic acids by creating internal breaks [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid
"Catalysis of the reaction: estradiol-17-beta + NADP+ = estrone + NADPH + H+ [goid 4303] [evi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: estradiol-17-beta + NADP+ = estrone + NADPH + H+ [goid 4303] [pm
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: (S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+ [goid
"Catalysis of the reaction: estradiol-17-beta + NADP+ = estrone + NADPH + H+ [goid 4303] [evi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: estradiol-17-beta + NADP+ = estrone + NADPH + H+ [goid 4303] [pm
"Catalysis of the reaction: 3-beta-hydroxy-delta(5)-steroid + NAD+ = 3-oxo-delta(5)-steroid + NA
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 11003656] [eviden
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
production, gene expression, etc.) as a result of an unfolded protein stimulus [goid 6986] [pmid 9

"Stops, prevents or reduces the activity of an enzyme [goid 4857] [pmid 9830037] [evidence TA

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 9482853] [ev
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
"Combining with the biogenic amine serotonin, a neurotransmitter and hormone found in vertebr
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
"Catalysis of the random hydrolysis of 1,4-linkages between N-acetyl-beta-D-glucosamine and D

"Catalysis of the random hydrolysis of 1,4-linkages between N-acetyl-beta-D-glucosamine and D
"Catalysis of the random hydrolysis of 1,4-linkages between N-acetyl-beta-D-glucosamine and D

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Catalysis of the hydrolysis of any ester bond [goid 16788] [evidence IEA]; Catalysis of the hydro
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with an integrin [goid 5178] [pmid 2497351] [evidence TAS]; Interacting se
Interacting selectively with an integrin [goid 5178] [pmid 1448174] [evidence TAS]
Interacting selectively with an integrin [goid 5178] [pmid 8566017] [evidence TAS]; Interacting se
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: S-adenosyl-L-methionine + protein C-terminal S-farnesyl-L-cysteine =
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of an oxidation-reduction (redox) reaction in which a CH-OH group acts as a hydroge
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the isor
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the isor

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of alpha-L-iduronosidic linkages in desulfated dermatan [goid 3940]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
production, gene expression, etc.) as a result of a stimulus from a virus [goid 9615] [pmid 79254
ıtial internal or invasive threat [goid 6955] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
[goid 5057] [pmid 7559564] [evidence TAS]; Interacting selectively with any protein or protein co
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
production, gene expression, etc.) as a result of a biotic stimulus, a stimulus caused or produced
Interacting selectively with the interferon-alpha/beta receptor [goid 5132] [pmid 4057246] [evider
Interacting selectively with the interferon-alpha/beta receptor [goid 5132] [pmid 6548765] [evider
[goid 5126] [pmid 6163083] [evidence TAS]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with the interferon-alpha/beta receptor [goid 5132] [pmid 2414376] [evider
[goid 5126] [evidence IEA]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with the interferon-alpha/beta receptor [goid 5132] [pmid 11514542] [evide

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ıill give rise to the central nervous system [goid 1841] [evidence IEA]; The characteristic morpho
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Modulation of the activity of the enzyme protein phosphatase type 2A [goid 8601] [pmid 964777

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with an insulin-like growth factor, any member of a group of polypeptides
"Interacting selectively with an insulin-like growth factor, any member of a group of polypeptides
"Increases the activity of a phosphatase, an enzyme which catalyzes of the removal of a phosph
"Interacting selectively with an insulin-like growth factor, any member of a group of polypeptides
"Interacting selectively with an insulin-like growth factor, any member of a group of polypeptides
"Interacting selectively with an insulin-like growth factor, any member of a group of polypeptides

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im
ıtial internal or invasive threat [goid 6955] [pmid 2501791] [evidence NAS]

"Combining with vascular endothelial growth factor to initiate a change in cell activity [goid 5021]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic

ıtial internal or invasive threat [goid 6955] [pmid 7970704] [evidence TAS]; Any process that med

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11714725] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
[goid 4896] [evidence IEA]
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
[goid 5126] [evidence IEA]; Mediates the transfer of a signal from the outside to the inside of a c
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Functions to control the survival, growth, differentiation and effector function of tissues and cells

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with interleukin-18 [goid 42007] [pmid 10023777] [evidence IDA]; Interact
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with interleukin-21 to initiate a change in cell activity [goid 1532] [pmid 11081504] [ev
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with interleukin-2 to initiate a change in cell activity [goid 4911] [evidence IEA]; Comb
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Interacting selectively with the macrophage colony stimulating factor receptor [goid 5157] [pmid
"Catalysis of the reaction: a L-amino acid + H2O + O2 = a 2-oxo acid + NH3 + H2O2 [goid 1716
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im
Interacting selectively with the interleukin-8 receptor [goid 5153] [pmid 1840701] [evidence IPI];
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7519613] [evidence I
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10574923] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the tran
Catalysis of the transfer of an L-amino acid from one side of a membrane to the other. L-amino
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: L-tryptophan + O2 = N-formyl-L-kynurenine [goid 4833] [evidence IEA
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 15243141] [evidence
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The action characteristic of a hormone, any substance formed in very small amounts in one spe

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rem
"Catalysis of the reaction: 1-phosphatidyl-myo-inositol 3,4-bisphosphate + H2O = 1-phosphatidy
"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy
"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy
"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy
"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Stops, prevents or reduces the activity of any enzyme that catalyzes the hydrolysis of GTP to G
"Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 921438
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with Ran, a conserved Ras-like GTP-binding protein, implicated in nuclec

"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

polypeptides (co-translational, post-translational modifications). Includes the modification of cha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with the iron-responsive element, a regulatory sequence found in the 5'-
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi

"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Interacting selectively with iron (Fe) ions [goid 5506] [pmid 11060020] [evidence TAS]; Functior
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
ıRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing

"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
physiological ligands [goid 7229] [evidence IEA]

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a fibronectin, a group of related adhesive glycoproteins of high mole
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Combining with an e
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Combining with an e
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of a bioch
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu

"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu

"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rho family. Under normal c
"Catalysis of the reaction: 3-methylbutanoyl-CoA + ETF = 3-methylbut-2-enoyl-CoA + reduced E
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

ellular matrix, via cell adhesion molecules [goid 7155] [pmid 15759005] [evidence IC]; The bindir
"Interacting selectively with the Notch (N) protein, a surface receptor [goid 5112] [pmid 9268641
"Interacting selectively with the Notch (N) protein, a surface receptor [goid 5112] [pmid 9315665

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

] [evidence NAS]

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of a transcr
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with iron (Fe) ions [goid 5506] [pmid 16603237] [evidence IMP]; Interactir
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
"Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 5
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom

Catalysis of the phosphorylation of a specific transcription regulator in response to the presence
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
"Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an ato
[goid 5242] [pmid 7859381] [evidence TAS]; Catalysis of the transmembrane transfer of an ion b
[goid 5242] [evidence IEA]; Catalysis of the transmembrane transfer of an ion by a voltage-gate
[goid 5242] [pmid 7696590] [evidence TAS]; Catalysis of the transmembrane transfer of an ion b
[goid 5242] [pmid 8016146] [evidence TAS]; Catalysis of the transmembrane transfer of an ion b
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
[goid 5242] [pmid 10075682] [evidence TAS]; Catalysis of the transmembrane transfer of an ion

Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu

Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an aton
[goid 5242] [pmid 10787416] [evidence TAS]; Catalysis of the transmembrane transfer of an ion
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an aton
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
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Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Catalysis of the reaction: ATP + D-fructose = ADP + D-fructose 1-phosphate [goid 4454] [pmid

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Th

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: (S)-malate + acceptor = oxaloacetate + reduced acceptor [goid 8924] [

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme *a*

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

)4 XM_945596 XM_945598 XM_945599 XM_945600"

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
ated by COP II vesicles. Small COP II coated vesicles form from the ER and then fuse directly wi

Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

RNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
ellular matrix, via cell adhesion molecules [goid 7155] [pmid 12837264] [evidence NAS]"
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
"Catalysis of movement along a microtubule, coupled to the hydrolysis of a nucleoside triphosph
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
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Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Catalysis of the incorporation of one atom from molecular oxygen into a compound and the redu
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nuclear localization sequence, a specific peptide sequence that ac
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 928555
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl

The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go

y, which result in restriction of damage to the organism attacked or prevention/recovery from the

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
The action of a molecule that contributes to the structural integrity of a complex or assembly witl

an composed of chains of D-glucose residues in alpha(1->4) glycosidic linkage, joined together b
283] [pmid 9721848] [evidence TAS]"
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence NAS]; Catalysis of the hy
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"

ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8157662] [evidence T

"Catalysis of the reaction: phosphatidylcholine + a sterol = a sterol ester + 1-acylglycerophospho
ed by keratin. Keratinization occurs in the stratum corneum, feathers, hair, claws, nails, hooves,
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ed by keratin. Keratinization occurs in the stratum corneum, feathers, hair, claws, nails, hooves,
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a methyl group to the carbon atom of the C-terminal residue of a pro
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Catalysis of the reaction: lactose + H2O = D-glucose + D-galactose [goid 16] [pmid 7487100] [e
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
"Catalysis of the reaction: (S)-lactate + NAD+ = pyruvate + NADH + H+ [goid 4459] [evidence IE
"Catalysis of the reaction: (S)-lactate + NAD+ = pyruvate + NADH + H+ [goid 4459] [evidence IE
"Catalysis of the reaction: (R)-lactate + 2 ferricytochrome c = pyruvate + 2 ferrocytochrome c [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a phosphorylated tyrosine residue within a protein [goid 1784] [pmid
anism [goid 42742] [evidence IEA]

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Functions to control the survival, growth, differentiation and effector function of tissues and cells

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10486213] [evidence TAS]

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Combining with acetylated low-density lipoproteins, advanced glycation end products, or other p
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [pmid 7534

"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Catalysis of the reaction: diphosphate + H2O = 2 phosphate [goid 4427] [evidence IEA]; Cataly
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the transfer of
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Interacting selectively with monomeric actin, also known as G-actin [goid 3785] [pmid 1256643(
ıtial internal or invasive threat [goid 6955] [evidence IEA]
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

:vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
her be an existing DNA molecule or RNA [goid 6260] [evidence IEA]; Any process that stops, pre

"Catalysis of the reaction: a steryl ester + H2O = a sterol + a fatty acid [goid 4771] [evidence IEA
"Catalysis of the reaction: triacylglycerol + H2O = diacylglycerol + a fatty acid anion [goid 4806] |
"Catalysis of the reaction: triacylglycerol + H2O = diacylglycerol + a fatty acid anion [goid 4806] |
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
"Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 10200294] [e

"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with tropomyosin, a protein associated with actin filaments both in cytopla

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

(LOC124685), mRNA."

activating protein 1) (GGAP1) (LOC126860), mRNA."

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

Interacting selectively with a specific domain of a protein [goid 19904] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

)eta) (LOC285697), mRNA."

LOC285900), mRNA."

protein MGr1-Ag) (LOC387867), mRNA."

ase-inhibitor suppressed) (LOC388275), mRNA."

protein MGr1-Ag), transcript variant 3 (LOC389672), mRNA."

(TLAA) (CTC box binding factor 75 kDa subunit) (CTCBF) (CTC75), transcript variant 2 (LOC38

8 isoform; PP2A B subunit PR48; NY-REN-8 antigen (LOC390705), misc RNA."

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

:ein) (P150) (LOC402145), mRNA."

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme *a*

"Catalysis of the hydrolysis of C-terminal amino acid residues from a polypeptide chain by a me

NA."

"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the

ıppressed) (LOC440396), non-coding RNA."

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]

Combining with airborne compounds to initiate a change in cell activity. These receptors are use

CT-2) (PAT 744) (H400) (SIS-gamma) (Lymphocyte activation gene-1 protein) (LAG-1) (HC21...,

nsferase 9) (Polypeptide GalNAc transferase 9) (GalNAc-T9) (pp-GaNTase 9) (LOC642141), mF

."

ɐr 1) (LOC642290), mRNA."

nolog) (LOC642843), mRNA."

642869), mRNA."

mRNA."

in P1) (P60 lymphocyte protein) (HuCHA60) (LOC643300), mRNA."

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani

RNA."

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

A."

ase-inhibitor suppressed) (LOC645436), mRNA."

45545), mRNA."

MAD1) (hMAD1) (Tax-binding protein 181) (LOC645904), mRNA."

NA."

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer

)air protein complementing XP-B cells) (Xeroderma pigmentosum group B complementing prot...

LOC646483), mRNA."

anzyme A-activated DNase) (IGAAD) (LOC646817), mRNA."

hPar14) (LOC647037), mRNA."

laptin) (LOC647349), mRNA."

A."

protein MGr1-Ag) (LOC647856), mRNA."

210), mRNA."

protein MGr1-Ag), transcript variant 3 (LOC648249), mRNA."

hPar14) (LOC648638), mRNA."

RNA."

50030), mRNA."

A."

mRNA."

6), mRNA."
r subunit) (QPs3) (CII-4) (Succinate dehydrogenase complex subunit D) (Succinate-ubiquinone c

1849), mRNA."

le 2) (LOC652400), mRNA."

437), mRNA."

-30 antigen) (LOC652675), mRNA."

hronic granulomatous disease protein) (NOXO2) (LOC652699), mRNA."

) (Xeroderma pigmentosum group E complementing protein) (XPCe) (X-associated protein 1) (X

A."

RNA."

NA."

hronic granulomatous disease protein) (NOXO2), transcript variant 3 (LOC653321), mRNA."

653489), mRNA."

K) (LOC653800), mRNA."

LOC653878), mRNA."

P1) (GKAP/SAPAP interacting protein) (SPANK-3) (LOC654128), mRNA."

Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [evidence IE

ɛgulatory protein 19-2) (G0S19-2 protein) (PAT 464.2) (LOC728830), mRNA."

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

ciated protein), transcript variant 4 (LOC729238), mRNA."

123), mRNA."

7746), mRNA."

9), mRNA."

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: ATP + H2O = ADP + phosphate to drive the hydrolysis of peptide bond
Catalysis of the reaction: ATP + H2O = ADP + phosphate to drive the hydrolysis of peptide bond
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
"Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goi
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the gen
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the gen

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any mono-, di- or trisaccharide carbohydrate [goid 5529] [evidence I
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: a 3-sn-phosphatidate + H2O = a 1,2-diacyl-sn-glycerol + phosphate [g
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: a 3-sn-phosphatidate + H2O = a 1,2-diacyl-sn-glycerol + phosphate [g
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with a death receptor [goid 5123] [pmid 10825539] [evidence TAS]; Intera
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
crotubules that grow between molecules at the vesicle membrane and target membrane surfaces
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"The mediation of the endocytosis of plasma glycoproteins from which the terminal sialic acid re
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10369684] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: (S)-2,3-epoxysqualene = lanosterol. This is a cyclization reaction that
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; The selective, often
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with transforming growth factor beta to initiate a change in cell activity [goid 5024] [p

"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Interacting selectively with ferric iron, Fe(III) [goid 8199] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence IEA]; Interacting sel
the surface of the target cell [goid 7166] [pmid 8650192] [evidence TAS]

rmation to its mature state [goid 7399] [pmid 9799603] [evidence TAS]; Morphogenesis of an org
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of the 1,4-beta-linkages between N-acetyl-D-glucosamine and N-ace
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2752424] [evidence T
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Catalysis of the reaction: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carbox
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

dence IEA]
dence IEA]
dence IEA]
dence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of the 1,4-beta-linkages between N-acetyl-D-glucosamine and N-ace
Interacting selectively with the beta subunit of the catenin complex [goid 8013] [evidence IEA]

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
ycle [goid 45786] [evidence IEA]"

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
out of or within a cell [goid 16192] [pmid 9590177] [evidence TAS]"
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inter
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
JA."
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl di
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus

"Interacting selectively with a lipid [goid 8289] [pmid 10739088] [evidence TAS]; Catalysis of ene
EA]"
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of the terminal 1,2-linked alpha-D-mannose residues in the oligo-ma
"Catalysis of the hydrolysis of the terminal 1,2-linked alpha-D-mannose residues in the oligo-ma
"Catalysis of the hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-man
"Catalysis of the hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-man
"Catalysis of the hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-man
"Catalysis of the hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-man
"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the h

"Catalysis of the hydrolysis of the terminal alpha-glucosyl-(1,3)-mannosyl unit from Glc-Man(9)-(
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the random hydrolysis of N-acetyl-beta-D-glucosaminide 1,4-beta-linkages in chitin
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 15907802] [evidence
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
The action of a molecule that contributes to the structural integrity of a complex or assembly witl

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: ATP + shikimate = ADP + shikimate 3-phosphate [goid 4765] [evidenc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Functions as a physical support for the assembly of a multiprotein mitogen-activated protein kir
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [evidence NA
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with a r
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: ATP + L-methionine + H2O = phosphate + diphosphate + S-adenosyl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inter
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9774669] [evidence T

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a

Interacting selectively with double-stranded RNA [goid 3725] [pmid 10970838] [evidence IDA]; I
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
The action of a molecule that contributes to the structural integrity of the myelin sheath of a nerv
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: malonyl-CoA + [acyl-carrier protein] = CoA + malonyl-[acyl-carrier prot
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + 3-methylcrotonyl-CoA + HCO3- = ADP + phosphate + 3-methy

Catalysis of the reaction: (R)-2-methyl-3-oxopropanoyl-CoA = (S)-2-methyl-3-oxopropanoyl-CoA
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; The action of a mole

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9712829] [evidence T

"Catalysis of the reaction: NTP + H2O = NDP + phosphate to drive the unwinding of a DNA helix
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Catalysis of the energy-independent passage of cations across a lipid bilayer down a concentrat
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 15528213] [evidence IDA]; In
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with cyclins, proteins whose levels in a cell varies markedly during the ce
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the oxidative decarboxylation of malate with the concomitant production of pyruvate
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with one of the p53 family of proteins [goid 2039] [evidence IEA]; Catalys
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the oxid
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Combining
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 8598913] [ev
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"The function that links a sequence-specific transcription factor to the core RNA polymerase II c
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function that links a sequence-specific transcription factor to the core RNA polymerase II c

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function that links a sequence-specific transcription factor to the core RNA polymerase II c
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 10024883] [ev
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Catalysis of the transfe
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [pmid 1032900
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with ferric iron, Fe(III) [goid 8199] [evidence IEA]; Interacting selectively v
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + alpha-D-mannosyl-1,3-(R1)-beta-D-m
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + alpha-D-mannosyl-1,6-(N-acetyl-beta
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + (N-acetyl-beta-D-glucosaminyl-1,2)-al
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + (N-acetyl-beta-D-glucosaminyl-1,2)-al

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Combining with airborne compounds to initiate a change in cell activity. These receptors are use

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Catalysis of the reaction: acetyl-CoA + histone = CoA + acetyl-histone [goid 4402] [evidence IE
"Catalysis of the reaction: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carbox
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2188979] [evidence
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
"Catalysis of the reaction: R-X + glutathione = H-X + R-S-glutathione. R may be an aliphatic, arc
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with beta-2-microglobulin [goid 30881] [pmid 8901601] [evidence IDA]; Int
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
Catalysis of the incorporation of one atom from molecular oxygen into a compound and the redu
Interacting selectively with a mitogen-activated protein kinase [goid 51019] [evidence ISS]
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with a lectin-like natural killer cell receptor [goid 46703] [pmid 11491531] [
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Mediates the
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

their transport to the sites of protein synthesis [goid 42254] [evidence IEA]"
"Catalysis of the reaction: an orthophosphoric monoester + H2O = an alcohol + phosphate, with

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]"
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Any transcri
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of a transc
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of a transc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9247308] [evidence I
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7991593] [evidence T
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the reaction: (S)-2-methyl-3-oxopropanoyl-CoA = propanoyl-CoA + CO2 [goid 4492
"Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids

"Interacting selectively with cobalamin (vitamin B12), a water-soluble vitamin characterized by p

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 8521818] [evidence TAS]; Interactin
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
ınd cell division in which a single diploid cell undergoes two nuclear divisions following a single r
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"[goid 8265] [pmid 11302742] [evidence IMP]; Catalysis of the cleavage of C-C, C-O, C-N and o
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

ell and its external environment [goid 6879] [evidence IEA]; The regulated release of proteins fron

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
An activity which assists splicing of substrate RNA(s) by facilitating the formation and stabilizatio

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
[goid 87] [pmid 8885239] [evidence TAS]"
Catalysis of the reaction: D-mannose 6-phosphate = D-fructose 6-phosphate [goid 4476] [pmid 8
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Catalysis of the reaction: donor + H2O2 = oxidized donor + 2 H2O [goid 4601] [evidence IEA]; C
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: ATP + GMP = ADP + GDP [goid 4385] [pmid 7590743] [evidence TAS
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds, c
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds, c
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the reaction: thiosulfate + cyanide = SO3(2-) (sulfite) + thiocyanate [goid 4792] [evi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I he
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the hydrolysis of ester linkages within a single-stranded deoxyribonucleic acid mole
yte [goid 30318] [evidence IEA]; The growth phase of the hair cycle. Lasts, for example, about 3
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8626705] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 2891103] [ev
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p

"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
onvert it to a molecular signal [goid 42769] [pmid 15300802] [evidence NAS]; The chemical reac

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with a specific domain of a protein [goid 19904] [pmid 11984006] [evidenc
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
onvert it to a molecular signal [goid 42769] [pmid 15300802] [evidence NAS]; The chemical reac
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [p
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence ISS]; The
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
mediated process in which the information in messenger RNA (mRNA) is used to specify the seq

their transport to the sites of protein synthesis [goid 42254] [evidence IEA]"
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Interacting selectively wit
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Catalysis of the reactions: peptide-L-methionine + thioredoxin disulfide + H2O = peptide-L-meth
"Catalysis of the reaction: L-methionine R-oxide + thioredoxin = L-methionine + thioredoxin disul

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with copper (Cu) ions [goid 5507] [evidence NAS]; Interacting selectively v
Interacting selectively with copper (Cu) ions [goid 5507] [evidence NAS]; Interacting selectively v
Interacting selectively with any metal ion [goid 46872] [evidence IEA]; Interacting selectively with
Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w
Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w

Interacting selectively with copper (Cu) ions [goid 5507] [evidence NAS]; Interacting selectively v
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with copper (Cu) ions [goid 5507] [pmid 8751715] [evidence TAS]; Intera
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the transfer of a pentosyl group from one compound (donor) to another (acceptor)
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
283] [pmid 8361760] [evidence TAS]; The multiplication or reproduction of cells, resulting in the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any metal ion [goid 46872] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: 5-methyltetrahydrofolate + NAD(P)+ = 5,10-methylenetetrahydrofolate
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 3-phosphate + H2O = 1-phosphatidyl-
"Catalysis of the hydrolysis of phosphoric monoesters, releasing inorganic phosphate [goid 167
"Catalysis of the hydrolysis of phosphoric monoesters, releasing inorganic phosphate [goid 167
"Catalysis of the hydrolysis of phosphoric monoesters, releasing inorganic phosphate [goid 167
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 3-phosphate + H2O = 1-phosphatidyl-
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
Catalysis of the reaction: H2CO3 = CO2 + H2O [goid 4089] [evidence IEA]; Interacting selective
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: 2-amino-4-hydroxy-6-hydroxymethyl-7,8-dihydropteridine diphosphate
A translation release factor that is specific for one or more particular termination codons; acts at
A translation release factor that is specific for one or more particular termination codons; acts at
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Interacting selectively with monomeric actin, also known as G-actin [goid 3785] [pmid 1257087
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [evider
ycle [goid 45786] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
dence TAS]; The directed movement of proteins into, out of, within or between cells [goid 15031
EA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi

"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd
"Catalysis of the reaction: (R)-2-methyl-3-oxopropanoyl-CoA = succinyl-CoA [goid 4494] [pmid 2
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Catalysis of the reaction: ATP + (R)-5-diphosphomevalonate = ADP + phosphate + isopentenyl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with a specific domain of a protein [goid 19904] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [evidence IEA]; Interacti
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inter

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Functions to increase the rate of ATP hydrolysis [goid 1671] [evidence ISS]; Interacting selectiv
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou

"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of movement along a polymeric molecule such as a microfilament or microtubule, cou
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of movement along a microfilament, coupled to the hydrolysis of a nucleoside triphosp

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The action of a molecule that contributes to the structural integrity of a muscle fiber [goid 8307] |
The action of a molecule that contributes to the structural integrity of a muscle fiber [goid 8307] |
The action of a molecule that contributes to the structural integrity of a complex or assembly with

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of the terminal or penultimate peptide bond at the C-terminal end of
"Catalysis of the hydrolysis of the terminal or penultimate peptide bond at the C-terminal end of
Any transcription regulator activity that prevents or downregulates transcription [goid 16564] [pm

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
EA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: ATP + NAD+ = ADP + NADP+ [goid 3951] [evidence IEA]; Catalysis of
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 16618814] [e

"Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Catalysis of the h

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the hydrolysis of terminal non-reducing N-acetyl-D-glucosamine residues in N-acety
"Catalysis of the reaction: glycoprotein N-acetyl-D-glucosaminyl-phospho-D-mannose + H2O = N
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Catalysis of the reaction: CTP + N-acylneuraminate = diphosphate + CMP-N-acylneuraminate [
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an unfolded protein [goid 51082] [pmid 9325046] [evidence TAS]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: nicotinate D-ribonucleotide + diphosphate = nicotinate + 5-phospho-alp
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
production, gene expression, etc.) as a result of a stimulus indicating lowered oxygen tension. H
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: acetyl-CoA + an arylamine = CoA + an N-acetylarylamine [goid 4060]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of

"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
"Catalysis of the transfer of an acetyl group to a nitrogen atom on the acceptor molecule [goid 8
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
ycle [goid 45786] [evidence IEA]"
"Interacting selectively with damaged DNA [goid 3684] [pmid 9590180] [evidence IC]; Interactin

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
e, which canonically comprises four successive phases called G1, S, G2, and M and includes rep
ells [goid 7076] [evidence IEA]
Interacting selectively with a 7-methylguanosine (m7G) moiety or derivative located at the 5' enc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

c portions of bone, and endocytose and transport the degradation products [goid 45453] [eviden
"Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 2547247] [evidenc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or int
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
eted for membranes or specific cellular locations [goid 16485] [evidence IEA]"
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the formation of aminoacyl-tRNA from ATP, amino acid, and tRNA with the release
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
production, gene expression, etc.) as a result of a disturbance in organismal or cellular homeost
"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [pmid
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785

Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Enables the directed movement of acyl groups into, out of, within or between cells [goid 36] [pm
Interacting selectively with an unfolded protein [goid 51082] [pmid 11935339] [evidence NAS]
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [evidence IE
Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evide
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evide
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785

Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evide
Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evide
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evid
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [pmid
Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [pmid
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 16478
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [pmid
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evid
"Catalysis of the reaction: NADH + H+ + acceptor = NAD+ + reduced acceptor [goid 3954] [evid
Catalysis of the reaction: NADH + H+ + ubiquinone = NAD+ + ubiquinol [goid 8137] [pmid 98785
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of an oxid
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Catalysis of the cleavage
"Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Catalysis of the cleavage
"Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Catalysis of the cleavage
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

The action of a molecule that contributes to the structural integrity of a complex or assembly with
The action of a molecule that contributes to the structural integrity of a complex or assembly with
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of alpha-(2->3)-, alpha-(2->6)-, alpha-(2->8)-glycosidic linkages of te

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with an actin filament, also known as F-actin, a helical filamentous polym
Increases the rate of GTP hydrolysis by a GTPase of the Ras superfamily [goid 5099] [pmid 157
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region c
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nuclear localization sequence, a specific peptide sequence that ac
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
al or physical agents. The process is characterized by local vasodilation, extravasation of plasma
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with iron (Fe) ions [goid 5506] [pmid 12886008] [evidence IDA]; Interactir
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA of a specific nucleotide composition, e.g. GC-rich DNA binding
"Enables the directed movement of oxygen into, out of, within or between cells [goid 5344] [pmid
or more mature rRNA molecules [goid 6364] [evidence IEA]; Any process that modulates the frec
Interacting selectively with a death receptor [goid 5123] [evidence IEA]; Interacting selectively wi
"Catalysis of the hydrolysis of an N4-(acetyl-beta-D-glucosaminyl)asparagine residue in which th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of hydrogen ions from one side of a membrane to the other [goid 15078
5454] [evidence IEA]

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10593953] [e

"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction: a nitrile + H2O = a carboxylate + NH3. Acts on a wide range of aroma
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with neurexins, synaptic cell surface proteins related to latrotoxin recepto
"Interacting selectively with neurexins, synaptic cell surface proteins related to latrotoxin recepto
"Interacting selectively with chloride ions (Cl-) [goid 31404] [pmid 18093521] [evidence IDA]; Inte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
EA]"
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + nucleoside diphosphate = ADP + nucleoside triphosphate [goid
"Catalysis of the reaction: ATP + nucleoside diphosphate = ADP + nucleoside triphosphate [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function that links a sequence-specific transcription factor to the core RNA polymerase II co
"Catalysis of the reaction: ATP + nicotinamide nucleotide = diphosphate + NAD+ [goid 309] [evid
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: tetradecanoyl-CoA + glycyl-peptide = CoA + N-tetradecanoylglycyl-pe
"Catalysis of the reaction: tetradecanoyl-CoA + glycyl-peptide = CoA + N-tetradecanoylglycyl-pe
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Facilitates transport across one or more biological membranes but do not themselves participat
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
te, an animal connective tissue cell specialized for the synthesis and storage of fat [goid 45444]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a cytokine, any of a group of proteins that function to control the sur

Interacting selectively with ribosomal RNA [goid 19843] [evidence IEA]
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10196175] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9813152] [ev
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 11895476] [e

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Catalysis of the energy-independent passage of cations across a lipid bilayer down a concentrat
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any carbohydrate [goid 30246] [evidence IEA]
Interacting selectively with any carbohydrate [goid 30246] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with monomeric actin, also known as G-actin [goid 3785] [pmid 1750261
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
[goid 3706] [pmid 9244302] [evidence TAS]; Combining with an extracellular or intracellular mes
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with pre-messenger RNA (pre-mRNA) or messenger RNA (mRNA) [goid 3
"Increases the activity of the enzyme superoxide-generating NADPH oxidase [goid 16176] [evide
Catalysis of the reaction: purine nucleoside + phosphate = purine + alpha-D-ribose 1-phosphate

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Combining with the hedgehog protein to initiate a change in cell activity [goid 8158] [evidence IE
"Interacting selectively with cholesterol (cholest-5-en-3-beta-ol); the principal sterol of vertebrate

Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
"Catalysis of the reaction: N-acetylneuraminate = N-acetyl-D-mannosamine + pyruvate [goid 87
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with a cell adhesion molecule [goid 50839] [evidence ISS]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a G-protein-coupled receptor [goid 1664] [evidence IEA]; A receptor
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Catalysis of the reaction: 3-beta-hydroxy-4-beta-methyl-5-alpha-cholesta-8,24-dien-4-alpha-car
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with a lipid [goid 8289] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
[goid 5057] [pmid 8808629] [evidence TAS]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the ligation of

"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Catalysis of the transfer of a
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"[goid 8418] [evidence IEA]; Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, ph
Interacting selectively with a neurotrophin receptor [goid 5165] [evidence IEA]; The function that
"Catalysis of the formation of a covalent enzyme-pyrimidine base intermediate. Release of the e
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 1520323] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7811391] [evidence T

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
tial internal or invasive threat [goid 6955] [evidence IEA]

"Catalysis of the reaction: 8-oxo-7,8-dihydroguanine triphosphate = 8-oxo-7,8-dihydroguanine pl
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Catalysis of the reaction: P(1),P(4)-bis(5'-nucleosyl)tetraphosphate + H2O = NTP + NMP. Acts
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8626397] [e

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyc
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 15107825] [evidence
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 12837692] [e
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Enables the directed movement of substances between the nucleus and the cytoplasm of a cell
Enables the directed movement of substances between the nucleus and the cytoplasm of a cell
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Enables the
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Enables the directed movement of substances between the nucleus and the cytoplasm of a cell
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Enables the directed movement of substances between the nucleus and the cytoplasm of a cell
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
EA]; The directed movement of substances within a cell [goid 46907] [evidence IEA]; The directe
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
The action of a molecule that contributes to the structural integrity of the nuclear pore complex [
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Combining with a nuclea
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: thioredoxin + NADP+ = thioredoxin disulfide + NADPH + H+ [goid 479
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9826176] [evidence T
"Catalysis of the reaction: L-ornithine + a 2-oxo acid = L-glutamate 5-semialdehyde + an L-amin
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Catalysis of the removal of a phosphate group from phosphorylated myo-inositol (1,2,3,5/4,6-cy
"Catalysis of the reaction: L-ornithine = putrescine + CO2 [goid 4586] [pmid 2317811] [evidence
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

level or activity of a second messenger or other downstream target, and ultimately effecting a ch
"Catalysis of the reaction: 2-oxoglutarate + lipoamide = S-succinyldihydrolipoamide + CO2 [goid
"Catalysis of the reaction: 2-oxoglutarate + lipoamide = S-succinyldihydrolipoamide + CO2 [goid
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of an oxidation-re
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with damaged DNA [goid 3684] [pmid 9223305] [evidence TAS]; Catalysi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: oleoyl-[acyl-carrier protein] + H2O = [acyl-carrier protein] + oleate [goi
Interacting selectively with an identical protein to form a homodimer [goid 42803] [evidence IEA]

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions tc
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
ular signal, and recognize and characterize the signal. Visual stimuli are detected in the form of p
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds, e
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc

"A G-protein coupled receptor that responds to incidental electromagnetic radiation, particularly
"Interacting selectively with 11-cis retinal, an isomer of retinal that plays an important role in the
"The function of absorbing and responding to incidental electromagnetic radiation, particularly vi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction which results in unsaturation at C-7 in the B ring of sterols [goid 247] [e
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
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Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

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Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with the DNA replication origin, a unique DNA sequence of a replicon at v
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with oxysterol, an oxidized form of cholesterol [goid 8142] [pmid 1970801
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]

"Interacting selectively with phospholipids, a class of lipids containing phosphoric acid as a mon
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with oxysterol, an oxidized form of cholesterol [goid 8142] [pmid 1058894
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
uble in an organic solvent but not, or sparingly, in an aqueous solvent [goid 6869] [evidence IEA]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with an identical protein or proteins [goid 42802] [pmid 17353931] [eviden
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
omplex [goid 6461] [pmid 9247084] [evidence TAS]; The enzymatic release of energy from orga
"Catalysis of the reaction: succinyl-CoA + a 3-oxo acid = succinate + a 3-oxo-acyl-CoA [goid 826
"Catalysis of the reaction: succinyl-CoA + a 3-oxo acid = succinate + a 3-oxo-acyl-CoA [goid 826
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Combining with a purine nucleotide to initiate a change in cell activity [goid 1614] [pmid 883400
"Combining with a purine nucleotide to initiate a change in cell activity [goid 1614] [pmid 116064
"Combining with a purine nucleotide to initiate a change in cell activity [goid 1614] [pmid 178954

"Interacting selectively with lipopolysaccharide [goid 1530] [evidence ISS]; Combining with a pur
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with adenosine and transmitting the signal to a heterotrimeric G-protein complex to ir
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction: procollagen L-proline + 2-oxoglutarate + O2 = procollagen trans-4-hyc
"Catalysis of the reaction: procollagen L-proline + 2-oxoglutarate + O2 = procollagen trans-4-hyc
Catalysis of the rearrangement of both intrachain and interchain disulfide bonds in proteins [goic

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or int
"Catalysis of the reaction: protein L-arginine + H2O = protein L-citrulline + NH3 [goid 4668] [pmid
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: 2-acetyl-1-alkyl-sn-glycero-3-phosphocholine + H2O = 1-alkyl-sn-glyce
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxylate = 5-amino-1
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9548260] [ev
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
[goid 9968] [evidence IEA]"
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with a D3 dopamine receptor [goid 31750] [evidence IEA]
"Catalysis of the reaction: peptidyl-glycine + ascorbate + O2 = peptidyl(2-hydroxyglycine) + dehy
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reactior

"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
ut of, within or between cells [goid 6812] [pmid 17036048] [evidence IDA]; Any process that activ

"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Catalysis of the template-independent extension of the 3'- end of an RNA or DNA strand by ado
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
"Catalysis of the hydrolysis of poly(ADP-ribose) at glycosidic (1''-2') linkage of ribose-ribose bond
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reaction
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10100603] [evidence
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 20404868] [evidence
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Catalysis of the reaction: L-phenylalanine + tetrahydrobiopterin + O2 = L-tyrosine + 4-alpha-hyd
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10891498] [e
"Catalysis of the reaction: ATP + propanoyl-CoA + HCO3- = ADP + phosphate + (S)-methylmalo
"Catalysis of the reaction: ATP + propanoyl-CoA + HCO3- = ADP + phosphate + (S)-methylmalo
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel

(mRNA) and the excision of intron sequences, via a spliceosomal mechanism, so that mRNA co
Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: source of phosphate + oxaloacetate = phosphoenolpyruvate + CO2 [g
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: S-adenosyl-L-methionine + protein L-beta-aspartate = S-adenosyl-L-h
Catalysis of the reaction: S-adenosyl-L-methionine + protein L-beta-aspartate = S-adenosyl-L-ho
Catalysis of the reaction: S-adenosyl-L-methionine + protein L-beta-aspartate = S-adenosyl-L-ho
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Enables the directed movement o
"Catalysis of the reaction: S-prenyl-L-cysteine + O2 + H20 = a prenal + L-cysteine + H202 [goid
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the reaction: CTP + choline phosphate = diphosphate + CDP-choline [goid 4105] [p
"Catalysis of the reaction: CTP + ethanolamine phosphate = diphosphate + CDP-ethanolamine
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectvely with a heat shock protein, any protein synthesized or activated in respons
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence ISS]; Interacting selective
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
"Inhibits signal transduction the GTPase activity of G-protein alpha subunits, thereby driving the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the reaction: nucleoside 3',5'-cyclic phosphate + H2O = nucleoside 5'-phosphate; c
"Catalysis of the reaction: nucleoside 3',5'-cyclic phosphate + H2O = nucleoside 5'-phosphate; c
"Catalysis of the reaction: adenosine 3',5'-cyclic phosphate + H2O = adenosine 5'-phosphate [g
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: nucleoside 3',5'-cyclic phosphate + H2O = nucleoside 5'-phosphate [g
"Catalysis of the reaction: nucleoside 3',5'-cyclic phosphate + H2O = nucleoside 5'-phosphate [g
"Catalysis of the reaction: adenosine 3',5'-cyclic phosphate + H2O = adenosine 5'-phosphate [g
"Catalysis of the reaction: adenosine 3',5'-cyclic phosphate + H2O = adenosine 5'-phosphate [g
"Alters the level of transcription of target genes, usually by binding to a transcription factor, wher
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the hydrolysis
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
Combining with platelet activating factor to initiate a change in cell activity [goid 4992] [pmid 789
"Catalysis of the oxidative decarboxylation of pyruvate [goid 4738] [evidence IEA]; Catalysis of a
"Catalysis of the reaction: pyruvate + lipoamide = S-acetyldihydrolipoamide + CO2 [goid 4739] [
"Catalysis of the reaction: pyruvate + lipoamide = S-acetyldihydrolipoamide + CO2 [goid 4739] [
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Catalysis of the rearrangement of both intrachain and interchain disulfide bonds in proteins [goic
"Catalysis of the geometric or structural changes within one molecule. Isomerase is the systema
Catalysis of the rearrangement of both intrachain and interchain disulfide bonds in proteins [goic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the phosphorylation of a specific transcription regulator in response to the presenc
"Catalysis of the phosphorylation of a specific transcription regulator in response to the presenc
"Catalysis of the phosphorylation of a specific transcription regulator in response to the presenc
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or in
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: (6S)-tetrahydrofolate + S-aminomethyldihydrolipoylprotein = (6R)-5,10
Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 15855230] [eviden
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10215036] [evidence
"Catalysis of the reaction: all-trans-hexaprenyl diphosphate + isopentenyl diphosphate = diphosp
"Catalysis of the reaction: all-trans-hexaprenyl diphosphate + isopentenyl diphosphate = diphosp
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + pyridoxal = ADP + pyridoxal 5'-phosphate [goid 8478] [evidenc
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd
"Naturally occurring peptide that is an opioid (any non-alkaloid having an opiate-like effect that c

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with acyl-CoA, any derivative of coenzyme A in which the sulfhydryl grou
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10486255] [evidence TAS]; Int
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]
"Catalysis of the reaction: S-adenosyl-L-methionine + phosphatidylethanolamine = S-adenosyl-L
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Functions during translation by binding nucleic acids during polypeptide synthesis at the ribosor
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
partments [goid 16559] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a type 1 peroxisome targeting signal, a tripeptide with the consensus
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a type 2 peroxisome targeting signal, a nonapeptide with a broad co

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]; Interacting selectiv
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
Interacting selectively with an unfolded protein [goid 51082] [pmid 9630229] [evidence NAS]; Int

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: ATP + D-fructose 6-phosphate = ADP + D-fructose 1,6-bisphosphate
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: 3-phospho-D-glyceroyl phosphate = 2,3-bisphospho-D-glycerate [goid
"Catalysis of the reaction: 3-phospho-D-glyceroyl phosphate = 2,3-bisphospho-D-glycerate [goid

"Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence ISS]; Cat
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a prenyl group from one compound (donor) to another (acceptor) [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the reac
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the reac
"Catalysis of the reaction: 2-phosphoglycolate + H2O = glycolate + phosphate [goid 8967] [evide
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with a steroid hormone to initiate a change in cell activity [goid 3707] [pmid 9705155
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: 3-phosphoglycerate + NAD+ = 3-phosphohydroxypyruvate + NADH +
Interacting selectively with the insulin receptor [goid 5158] [pmid 11018022] [evidence NAS]; Int
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the hyd
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Stops, prevents or reduces the activity of an endopeptidase, any enzyme that hydrolyzes nonte
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with magnesium (Mg) ions [goid 287] [pmid 11279162] [evidence NAS]; C
"Catalysis of the reaction: ATP + 1-phosphatidyl-1D-myo-inositol = ADP + 1-phosphatidyl-1D-my
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the reaction: ATP + 1-phosphatidyl-1D-myo-inositol = ADP + 1-phosphatidyl-1D-my
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

"Interacting selectively with phospholipids, a class of lipids containing phosphoric acid as a mon
"Interacting selectively with protein kinase C [goid 5080] [evidence ISS]; Interacting selectively w

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the transfer of an alpha-D-mannosyl residue from GDP-mannose into lipid-linked o
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Catalysis of the reaction: CDP-ethanolamine + 1,2-diacylglycerol = CMP + a phosphatidylethan
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Catalysis of the formation of the linkage between a protein and a glycosylphosphatidylinositol a
"Catalysis of the reaction: N-acetyl-D-glucosaminylphosphatidylinositol + H2O = D-glucosaminyl
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the formation of the linkage between a protein and a glycosylphosphatidylinositol a
"Catalysis of the formation of the linkage between a protein and a glycosylphosphatidylinositol a
"Catalysis of the formation of the linkage between a protein and a glycosylphosphatidylinositol a
"Catalysis of the transfer of a mannosyl group to an acceptor molecule, typically another carboh
Catalysis of the transfer of an acyl group to an oxygen atom on the acceptor molecule [goid 837
ıe endoplasmic reticulum membrane [goid 16254] [pmid 11102867] [evidence EXP]
ɔl (GPI) anchor that attaches some membrane proteins to the lipid bilayer of the cell membrane.

[goid 5066] [evidence IEA]; Interacting selectively with any protein or protein complex (a comple
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid

"Interacting selectively with the insulin receptor [goid 5158] [pmid 7537849] [evidence IPI]; Intera
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: sarcosine + H2O + O2 = glycine + formaldehyde + H2O2 [goid 8115]
Catalysis of the phosphorylation of phosphatidylinositol phosphate to produce phosphatidylinosit
The function that links a sequence-specific transcription factor to the core RNA polymerase II co
"Catalysis of the reaction: phosphatidyl-L-serine = phosphatidylethanolamine + CO2 [goid 4609]
Interacting selectively with a lipid [goid 8289] [evidence IEA]
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Enables the directed movement o
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Enables the directe
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10022914] [evidence NAS]; In
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of facilitat

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Functions to enable the transcription of specific, or specific sets, of genes by RNA polymerase
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Catalysis of the reaction: phosphatidylcholine + H2O = 2-acylglycerophosphocholine + a carbo
"Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbo
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the hyd
Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbox

"Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbo
"Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbo
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 15888725] [evidence
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Catalysis of the reaction: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carbox

"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = D-myo-ino
"Catalysis of the reaction: a phospholipid + H2O = 1,2-diacylglycerol + a phosphatidate [goid 46
"Catalysis of the reaction: a phosphatidylcholine + H2O = choline + a phosphatidate [goid 4630]
"Catalysis of the reaction: a phosphatidylcholine + H2O = choline + a phosphatidate [goid 4630]
"Catalysis of the reaction: a phosphatidylcholine + H2O = choline + a phosphatidate [goid 4630]
"Catalysis of the reaction: a phosphatidylcholine + H2O = choline + a phosphatidate [goid 4630]
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

Interacting selectively with the SNAP receptor syntaxin-13 [goid 30349] [pmid 10610180] [evide
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 2897630] [evidence TAS]

"Interacting selectively with phospholipids, a class of lipids containing phosphoric acid as a mon
"Interacting selectively with phospholipids, a class of lipids containing phosphoric acid as a mon
"Interacting selectively with phospholipids, a class of lipids containing phosphoric acid as a mon
"Interacting selectively with phosphatidylinositol, any glycophospholipid with its sn-glycerol 3-pho
"Enables the directed movement of glycolipids, compounds containing (usually) 1-4 linked monc
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rho family. Under normal c
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
ycle [goid 45786] [evidence IEA]"

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
"Catalysis of an oxidation-reduction (redox) reaction in which hydrogen or electrons are transferr
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 9218461] [evidence NAS]; Int
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10930526] [evidence NAS]; Ir

Interacting selectively with a lipid [goid 8289] [evidence IEA]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of peptide bonds by a mechanism in which water acts as a nucleoph

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Interacting selectively with any nucleic acid [goid 3676] [pmid 1652369] [evidence NAS]; Interact
Catalysis of the reaction: D-mannose 1-phosphate = D-mannose 6-phosphate [goid 4615] [pmid
Catalysis of the reaction: D-mannose 1-phosphate = D-mannose 6-phosphate [goid 4615] [pmid
oss a synapse [goid 7268] [pmid 8275092] [evidence TAS]; The process whose specific outcom
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with damaged DNA [goid 3684] [pmid 7980603] [evidence NAS]; Interact
"Interacting selectively with damaged DNA [goid 3684] [pmid 7980603] [evidence NAS]; Interact
"Catalysis of the reaction: ATP + (R)-5-phosphomevalonate = ADP + (R)-5-diphosphomevalonat
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the hydrolysis
"Interacting selectively with damaged DNA [goid 3684] [pmid 10446193] [evidence NAS]; Interac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The action c
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Naturally occurring peptide that is an opioid (any non-alkaloid having an opiate-like effect that c
"Catalysis of the reaction: triacylglycerol + H2O = diacylglycerol + a fatty acid anion [goid 4806] |
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carbox
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carbox
"Catalysis of the reaction: pyridoxamine 5'-phosphate + H2O + O2 = pyridoxal 5'-phosphate + N
"Catalysis of the sequential cleavage of mononucleotides from a free 3' terminus of an RNA mol
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
0900] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Catalysis of the transfer of a glycosyl group from one compound (donor) to another (acceptor) [g
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Catalysis of the reaction: deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1); t
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o

"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes

"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee

"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Catalysis of the reaction: UDP-N-acetyl-D-glucosamine + alpha-D-mannosyl-1,3-(R1)-beta-D-m

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the reac
"Catalysis of the reaction: a phenyl acetate + H2O = a phenol + acetate [goid 4064] [evidence IE
"Catalysis of the site-specific cleavage of RNA by a catalytic RNA_mediated mechanism; substr
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Catalysis of the endonucleolytic cleavage of RNA, removing 5' extra nucleotides from tRNA pre
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the endonu
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: NADPH + H+ + n oxidized hemoprotein = NADP+ + n reduced hemop
"Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: a 3-sn-phosphatidate + H2O = a 1,2-diacyl-sn-glycerol + phosphate [g
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: CTP + (R)-4'-phosphopantothenate + L-cysteine = CMP + diphosphat

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ed by keratin. Keratinization occurs in the stratum corneum, feathers, hair, claws, nails, hooves,
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375

"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of a bioch
"Catalysis of the reaction: a carboxylic ester + H2O = an alcohol + a carboxylic anion [goid 4091
"Catalysis of the reaction: protoporphyrinogen-IX + O2 = protoporphyrin-IX + H2O2 [goid 4729] |
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Increases the activity of an enzyme [goid 8047] [pmid 9570949] [evidence TAS]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
[goid 4865] [evidence IEA]; Interacting selectively with any protein or protein complex (a comple
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine +
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein phosphatase [goid 19903] [pmid 12055102] [evidence NA
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
ounds based of the general formula Cx(H2O)y. Includes the formation of carbohydrate derivative
Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine +
ounds based of the general formula Cx(H2O)y. Includes the formation of carbohydrate derivative

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Modulation of the activity of the enzyme protein phosphatase type 2A [goid 8601] [evidence IEA
Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine +
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Increases the activity of a phosphatase, an enzyme which catalyzes of the removal of a phosph
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: protein serine/threonine phosphate + H2O = protein serine/threonine
"[goid 4704] [pmid 9837938] [evidence NAS]; Catalysis of the reaction: protein serine/threonine
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: palmitoyl-protein + H2O = palmitate + protein [goid 8474] [evidence IE

"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755
"Interacting selectively with a G-protein-coupled receptor [goid 1664] [evidence IEA]; The action
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9875212] [evidence T

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the hydrolysis of the terminal or penultimate peptide bond at the C-terminal end of a
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Inhibition of the reactions brought about by dioxygen (O2) or peroxides. Usually the antioxidant
"Catalysis of the reaction: octane hydroperoxide + NADH + H+ = H2O + NAD+ + 1-octanol [goid
"Inhibition of the reactions brought about by dioxygen (O2) or peroxides. Usually the antioxidant
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the reaction: phosphatidylcholine + H2O = 1-acylglycerophosphocholine + a carbox
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

ıtial internal or invasive threat [goid 6955] [pmid 10784606] [evidence TAS]; The biological proce
The action of a molecule that contributes to the structural integrity of the extracellular matrix [goi
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Catalysis of the synthesis of a short RNA primer on a DNA template, providing a free 3'-OH tha
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]; Interacting selecti
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: ATP + a protein = ADP + a phosphoprotein; dependent on the presenc
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Modulation of the activity of the enzyme cAMP-dependent protein kinase [goid 8603] [evidence
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of terminal, non-reducing 1,4-linked alpha-D-glucose residues with re
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]; Interacting selectiv
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with the prolactin receptor [goid 5148] [pmid 10854700] [evidence TAS];
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2081589] [evidence T
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [pmid 1536976
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: S-adenosyl-L-methionine + histone-arginine = S-adenosyl-L-homocys
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
Interacting selectively with a G-protein-coupled receptor [goid 1664] [pmid 12728244] [evidence
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ular signal, and recognize and characterize the signal. Visual stimuli are detected in the form of
"Stops, prevents or reduces the activity of an endopeptidase, any enzyme that hydrolyzes nonte

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
RNA(s) prior to translation into polypeptide [goid 6397] [pmid 9000057] [evidence TAS]; The pro
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
RNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing
RNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing
An activity which assists splicing of substrate RNA(s) by facilitating the formation and stabilizatio
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
ular signal, and recognize and characterize the signal. Visual stimuli are detected in the form of

Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

production, gene expression, etc.) as a result of a biotic stimulus, a stimulus caused or produced

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the reaction: diphosphate + H2O = 2 phosphate [goid 4427] [evidence IEA]; Cataly

Increases the activity of an enzyme [goid 8047] [pmid 2717620] [evidence TAS]; Interacting sele
but not, or sparingly, in an aqueous solvent. Includes fatty acids; neutral fats, other fatty-acid es

"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
"Stimulates the exchange of guanyl nucleotides by the GTPase ARF. Under normal cellular phy
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
y, which result in restriction of damage to the organism attacked or prevention/recovery from the
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7681138] [ev
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
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Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
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Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w
Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in w

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Catalysis of the activation of the proteasome, a large multisubunit complex which performs regu
"Catalysis of the activation of the proteasome, a large multisubunit complex which performs regu
"Catalysis of the activation of the proteasome, a large multisubunit complex which performs regu
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with a r
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the covalent addition of an isoprenoid group such as a farnesyl or geranylgeranyl g
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: CDP-diacylglycerol + L-serine = CMP + O-sn-phosphatidyl-L-serine [g
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 3-phosphate + H2O = 1-phosphatidyl-
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence ISS]; Interacting s
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the geometric or structural changes within one molecule. Isomerase is the systema
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Catalysis of the reaction: (5Z,13E)-(15S)-9-alpha,11-alpha-epidioxy-15-hydroxyprosta-5,13-dien
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Catalysis of the reaction: an alcohol + NAD+ = an aldehyde or ketone + NADH + H+ [goid 4022
"Catalysis of the reaction: donor + H2O2 = oxidized donor + 2 H2O [goid 4601] [evidence IEA]; I
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ıer be an existing DNA molecule or RNA [goid 6260] [pmid 10854063] [evidence TAS]; Any immu
:vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Catalysis of the reaction: prenylated-protein tyrosine phosphate + H2O = prenylated-protein tyr
"Catalysis of the reaction: prenylated-protein tyrosine phosphate + H2O = prenylated-protein tyr
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H2O = 1-phospha
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"[goid 4726] [pmid 8454633] [evidence TAS]; Catalysis of the hydrolysis of various bonds, e.g. C
"[goid 4726] [pmid 8950995] [evidence TAS]; Catalysis of the hydrolysis of various bonds, e.g. C
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"[goid 4726] [pmid 1648233] [evidence TAS]; The action of a molecule that contributes to the str
"Interacting selectively with a phosphorylated tyrosine residue within a protein [goid 1784] [evide
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"[goid 4726] [pmid 1557404] [evidence TAS]; Enables the directed movement of substances (su
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi

y, which result in restriction of damage to the organism attacked or prevention/recovery from the
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"[goid 5001] [pmid 10821867] [evidence TAS]; Catalysis of the hydrolysis of various bonds, e.g.
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go

Any activity that brings about termination of transcription by RNA polymerase I [goid 3716] [evid
"Catalysis of the reaction: N-substituted aminoacyl-tRNA + H2O = N-substituted amino acid + tR
"Catalysis of the reaction: N-substituted aminoacyl-tRNA + H2O = N-substituted amino acid + tR
"Catalysis of the reaction: 6-[(1S,2R)-1,2-dihydroxy-3-triphosphooxypropyl]-7,8-dihydropterin = 6
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Th
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with double-stranded telomere-associated DNA [goid 3691] [pmid 15777
"Interacting selectively with double-stranded DNA [goid 3690] [evidence IEA]; Interacting selectiv
Catalysis of the reaction: uracil + D-ribose 5-phosphate = pseudouridine 5'-phosphate + H2O [go
Catalysis of the geometric or structural changes within one molecule. Isomerase is the systemat
Catalysis of the reaction: RNA uridine = RNA pseudouridine. Conversion of uridine in an RNA m
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Cat
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Cat
Catalysis of the reaction: RNA uridine = RNA pseudouridine. Conversion of uridine in an RNA m
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

mid 7828893] [evidence TAS]
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

"Catalysis of the reaction: donor + H2O2 = oxidized donor + 2 H2O [goid 4601] [evidence IEA]; I
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani

"Catalysis of the reaction: L-proline + NADP+ = 1-pyrroline-5-carboxylate + NADPH + H+ [goid 4
"Catalysis of the reaction: L-proline + NADP+ = 1-pyrroline-5-carboxylate + NADPH + H+ [goid 4
"Catalysis of the reaction: L-proline + NADP+ = 1-pyrroline-5-carboxylate + NADPH + H+ [goid 4
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: 1,4-alpha-D-glucosyl(n) + phosphate = 1,4-alpha-D-glucosyl(n-1) + alp
"Catalysis of the reaction: 1,4-alpha-D-glucosyl(n) + phosphate = 1,4-alpha-D-glucosyl(n-1) + alp
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Stops, prevents or reduces the activity of an endopeptidase, any enzyme that hydrolyzes nonte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: NADP+ + 5,6,7,8-tetrahydropteridine = NADPH + H+ + 6,7-dihydropte
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: nicotinate D-ribonucleotide + diphosphate + CO2 = pyridine-2,3-dicarb

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the reaction: 4 R'C(R)SH + O2 = 2 R'C(R)S-S(R)CR' + 2 H2O [goid 16972] [eviden
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the reaction: t
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the reaction: tF
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]"
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 16169070] [eviden
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
specific receptor on the cell surface binds tightly to the extracellular macromolecule (the ligand)
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the reaction: 2 geranylgeranyl diphosphate + protein-cysteine = 2 S-geranylgeranyl
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with damaged DNA [goid 3684] [pmid 9660799] [evidence NAS]; Interact
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with damaged DNA [goid 3684] [pmid 10884424] [evidence NAS]; Interac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Interacting selectively with
Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Interacting selectively with
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9256445] [e
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9630231] [evidence T
mbinations different from those that were present in the parents. In eukaryotes genetic recombin
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Prevents the dissociation of GDP from a GTPase, thereby preventing GTP from binding [goid 5

"Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 375
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Rap family. Under normal c
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
mid 9843971] [evidence TAS]"
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Increases the rate of GTP hydrolysis by a GTPase of the Ras superfamily [goid 5099] [pmid 21
Increases the rate of GTP hydrolysis by a GTPase of the Ras superfamily [goid 5099] [pmid 881
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the rate of GTP hydrolysis by a GTPase of the Ras superfamily [goid 5099] [pmid 97

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
level or activity of a second messenger or other downstream target, and ultimately effecting a ch
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reaction
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
contained within phagocytic vacuoles (phagosomes), which then fuse with primary lysosomes to
"Catalysis of the reaction: ATP + D-ribose = ADP + D-ribose 5-phosphate [goid 4747] [evidence
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10352938] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Catalysis of the identification and base-pairing of homologous sequences between single-stranc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10938276] [evidence

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with the enzyme protein phosphatase 2B [goid 30346] [evidence NAS]
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10756093] [
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Ran family. Under normal c
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: retinol + NAD+ = retinal + NADH + H+ [goid 4745] [pmid 12407145] [e
"Catalysis of the reaction: retinol + NAD+ = retinal + NADH + H+ [goid 4745] [evidence ISS]; The
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: retinol + NAD+ = retinal + NADH + H+ [goid 4745] [pmid 9115228] [ev
"Catalysis of the reaction: estradiol-17-beta + NADP+ = estrone + NADPH + H+ [goid 4303] [evi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an olfactory receptor [goid 31849] [pmid 15550249] [evidence IMP]

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10606657] [evidence
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 9928989] [evidence TAS]; Inte
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [evider

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8289803] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Stimulates the exchange of guanyl nucleotides by a GTPase of the Ras superfamily. Under nor
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
ther and fuse at the dorsal midline [goid 1843] [evidence IEA]"
Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]; Interactir
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"[goid 5057] [evidence IEA]; Increases the activity of a GTPase, an enzyme that catalyzes the hy
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
[goid 9968] [evidence IEA]; A change in state or activity of a cell or an organism (in terms of mo

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the hyd

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: GTP + H2O = GDP + phosphate [goid 3924] [pmid 12426103] [evidenc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with a G-protein alpha subunit. The alpha subunit binds a guanine nucleo
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096]
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with an identical protein or proteins [goid 42802] [pmid 16189514] [eviden

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Catalysis of the hydrolysis of any O-glycosyl bond [goid 4553] [evidence IEA]
"Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 184928
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a hormone, any substance formed in very small amounts in one spe

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the endonu
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the hydroly
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the endonu
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Interacting selective
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca

"Catalysis of the hydrolysis of ester linkages within ribonucleic acid by creating internal breaks [g
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]; Catalysis of the hy
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10673045] [evidence
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with copper (Cu) ions [goid 5507] [pmid 10082581] [evidence TAS]; Intera
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: GTP + (5')pp-Pur-mRNA = diphosphate + G(5')ppp-Pur-mRNA; G(5')p
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9790902] [e
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int

"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Modulation of the activity of the enzyme cAMP-dependent protein kinase [goid 8603] [evidence
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: ATP + nucleoside diphosphate = ADP + nucleoside triphosphate [goid

"Catalysis of the reaction: ATP + nucleoside diphosphate = ADP + nucleoside triphosphate [goid

Catalysis of the reaction: a glycerophosphodiester + H2O = an alcohol + sn-glycerol 3-phosphat
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with single-stranded DNA [goid 3697] [pmid 8454588] [evidence TAS]
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
ular signal, and recognize and characterize the signal. Visual stimuli are detected in the form of
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or in
Catalysis of the reaction: D-ribose 5-phosphate = D-ribulose 5-phosphate [goid 4751] [evidence
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9582194] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9582194] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7772601] [ev
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8135813] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7772601] [ev
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8597591] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7490091] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8764829] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8921388] [ev
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8268230] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8597601] [ev
"Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl d
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10024167] [
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Catalysis of the endonucleolytic cleavage of RNA, removing 5' extra nucleotides from tRNA pre
"Catalysis of the endonucleolytic cleavage of RNA, removing 5' extra nucleotides from tRNA pre

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 9582194] [ev
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
"The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; The
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
Interacting selectively with pre-messenger RNA (pre-mRNA) or messenger RNA (mRNA) [goid 3
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8522193] [ev
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: 2'-deoxyribonucleoside diphosphate + thioredoxin disulfide + H2O = ri
"Catalysis of the reaction: 2'-deoxyribonucleoside diphosphate + thioredoxin disulfide + H2O = ri

r more mature rRNA molecules [goid 6364] [evidence IEA]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
their transport to the sites of protein synthesis [goid 42254] [evidence IEA]"
"Catalysis of the reaction: coproporphyrinogen-III + O2 + 2 H+ = protoporphyrinogen-IX + 2 CO2
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Any transcription regulator
"Interacting selectively with ferric iron, Fe(III) [goid 8199] [evidence IEA]"

The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e

ınd cell division in which a single diploid cell undergoes two nuclear divisions following a single ro

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with an olfactory receptor [goid 31849] [pmid 15550249] [evidence IMP]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 952370(

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 8204608] [evidence TAS]; Inte
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 12577318] [evidence NAS]; T
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 8077703] [evidence IDA]; Inter
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid

Combining with lysosphingolipid or lysophosphatidic acid to initiate a change in cell activity [goid
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the activation of the C-terminal carboxyl group of ubiquitin by the formation of a hig
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Antagonizes ribosome-mediated translation of mRNA into a polypeptide [goid 30371] [pmid 162
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with a phosphorylated tyrosine residue within a protein [goid 1784] [pmid
"Catalysis of the hydrolysis of terminal 1,4-linked alpha-D-glucose residues successively from n
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
The function of a transcription cofactor that represses transcription from a RNA polymerase II pr
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

Interacting selectively with any protein phosphatase [goid 19903] [pmid 16716191] [evidence IP
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"Catalysis of the reaction: acetyl-CoA + an alkane-alpha,omega-diamine = CoA + an N-acetyldia
"Catalysis of the reaction: acetyl-CoA + an alkane-alpha,omega-diamine = CoA + an N-acetyldia
"Interacting selectively with double-stranded DNA [goid 3690] [pmid 1505028] [evidence TAS]; T
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Interacting selectively with an identical protein or proteins [goid 42802] [pmid 16930133] [eviden
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the hydrolysis of phosphoric monoesters, releasing inorganic phosphate [goid 167
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Any transcription regulator activity that prevents or downregulates transcription [goid 16564] [pm
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: 5,7,24(28)-ergostatrienol + O2 + NADPH = 5,7,22,24(28)-ergostatetra
lds paired chromosomes together during prophase I of meiosis and that promotes genetic recom
nes, matrix proteins) contained within a membrane-bounded vesicle by fusion of the vesicle with
EA]"
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Combining with acetylated low-density lipoproteins, advanced glycation end products, or other
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: stearoyl-CoA + 2 ferrocytochrome b5 + O2 + 2 H+ = oleoyl-CoA + 2 fe
"Catalysis of the reaction: stearoyl-CoA + 2 ferrocytochrome b5 + O2 + 2 H+ = oleoyl-CoA + 2 fe
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
uding from the membrane of the vesicle and the target membrane, during exocytosis [goid 6904
"Functions to control the survival, growth, differentiation and effector function of tissues and cell

"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence IEA]; Stops, preven
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Catalysis of the reaction: L-selenocysteine + reduced acceptor = hydrogen selenide + L-alanine
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an atom
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Catalysis of facilitated diffusion of a sodium ion (by an energy-independent process) involving pa
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Interacting selectively with copper (Cu) ions [goid 5507] [evidence IEA]; Interacting selectively w
Interacting selectively with copper (Cu) ions [goid 5507] [pmid 10545952] [evidence NAS]; Intera

Catalysis of the hydrolysis of a peptide bond not more than three residues from the C-terminus o
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or int
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with the interleukin-5 receptor [goid 5137] [pmid 11498591] [evidence ISS
Catalysis of the reaction: peptidyl-proline (omega=180) = peptidyl-proline (omega=0) [goid 3755

Catalysis of the reaction: dolichyl phosphate D-mannose + protein = dolichyl phosphate + O-D-m

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Catalysis of the reaction: succinate + acceptor = fumarate + reduced acceptor. No reaction with

"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the reaction: s
Catalysis of the reaction: succinate + acceptor = fumarate + reduced acceptor. No reaction with
"Catalysis of the reaction: succinate + acceptor = fumarate + reduced acceptor. No reaction with

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

EA]; The directed movement of substances, either within a vesicle or in the vesicle membrane, i
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
ated by COP II vesicles. Small COP II coated vesicles form from the ER and then fuse directly wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Primary active carrier-mediated transport of a protein across a membrane, driven by the hydrol
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Primary active carrier-mediated transport of a protein across a membrane, driven by the hydrol
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [gc
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

EA]; The directed movement of mRNA, messenger ribonucleic acid, into, out of, within or betwee
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]
Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]; Interacting selectively with
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain [goid 4175] [p
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Catalysis of the hydrolysis of various forms of polymeric ubiquitin sequences. Will remove ubiqu
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with selenium (Se) [goid 8430] [pmid 8421687] [evidence TAS]
"Interacting selectively with transfer RNA [goid 49] [evidence ISS]; Catalysis of the reaction: don
Interacting selectively with selenium (Se) [goid 8430] [evidence IEA]; Interacting selectively with
"Catalysis of the reaction: L-methionine R-oxide + thioredoxin = L-methionine + thioredoxin disul
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
hospholipids in which the phosphatidyl group is esterified to the hydroxyl group of L-serine. They
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
: but not, or sparingly, in an aqueous solvent. Includes fatty acids; neutral fats, other fatty-acid es

EA]; The directed movement of proteins in a cell, from one side of a membrane to another [goid
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th

"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with any protease or peptidase [goid 2020] [pmid 12114510] [evidence IF
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
production, gene expression, etc.) as a result of a stimulus indicating damage to its DNA from er
goid 7050] [evidence IEA]"
goid 7050] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of a protein phosphatase, an enzyme that hydrolyzes ph
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with any metal ion [goid 46872] [pmid 7912130] [evidence NAS]; Function
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 10882114] [e
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
(mRNA) and the excision of intron sequences, via a spliceosomal mechanism, so that mRNA co
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

mplate of DNA or DNA on a template of RNA [goid 45449] [evidence IEA]"
"Stops, prevents or reduces the activity of protein kinase C, an enzyme which phosphorylates a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
RNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
EA]"
EA]"
EA]"
"Enables the directed movement of lipids into, out of, within or between cells [goid 5319] [pmid 2
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Interacting selectively with a
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the transfer of
Catalysis of the transfer of cation from one side of the membrane to the other [goid 8324] [evide
Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: sphinganine 1-phosphate = phosphoethanolamine + palmitaldehyde [
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA];
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively with a SH3 domain (Src homology 3) of a protein, small protein modules
Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively with an ident
"Interacting selectively with fatty acids, aliphatic monocarboxylic acids liberated from naturally oc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively with any androgen, male sex hormones [goid 5497] [pmid 2587256] [evid
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Catalysis of the transmembrane transfer of a potassium ion by a voltage-gated channel [goid 52
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the reaction: 5,10-methylenetetrahydrofolate + glycine + H2O = tetrahydrofolate + I
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

"Interacting selectively with an actin filament, also known as F-actin, a helical filamentous polym
"Interacting selectively with the beta subunit of the catenin complex [goid 8013] [pmid 16684770
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
ıds, including tyrosine [goid 6583] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with a SH3 domain (Src homology 3) of a protein, small protein modules
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Combining with a virus component to initiate a change in cell activity [goid 1618] [evidence ISS]
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

"Catalysis of the reaction: ATP + a protein tyrosine = ADP + protein tyrosine phosphate [goid 47
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reactions: D-myo-inositol 1,4,5-trisphosphate + H2O = myo-inositol 1,4-bisphos
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with pre-messenger RNA (pre-mRNA) or messenger RNA (mRNA) [goid 3
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Catalysis of the transfer of monoamines, organic compounds that contain one amino group tha
"Interacting selectively with folic acid, pteroylglutamic acid. Folic acid is widely distributed as a m
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Catalysis of facilitated diffusion of a chloride (by an energy-independent process) involving pas
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Catalysis of the trans
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Enables the active tr
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Enables the active tr
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Enables the active tr
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the transfer of dicarboxylic acids from one side of the membrane to the other. A dic
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the transfer of L-ornithine from one side of a membrane to the other. L-ornithine is
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the transfer of S-adenosylmethionine from one side of a membrane to the other. S-
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Catalysis of the transfer of iron (Fe) ions from one side of a membrane to the other [goid 5381]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the transfer of a nucleoside, a nucleobase linked to either beta-D-ribofuranose (ribo
"Catalysis of the transfer of a nucleoside, a nucleobase linked to either beta-D-ribofuranose (ribo
"Catalysis of the transfer of a nucleoside, a nucleobase linked to either beta-D-ribofuranose (ribo
"Catalysis of the transfer of a nucleoside, a nucleobase linked to either beta-D-ribofuranose (ribo
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Catalysis of the transfer of zinc (Zn) ions from one side of a membrane to the other [goid 5385] |
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Catalysis of the transfer of copper (Cu) ions from one side of a membrane to the other [goid 537
Catalysis of the transfer of copper (Cu) ions from one side of a membrane to the other [goid 537
"Enables the directed movement of acetyl-CoA into, out of, within or between cells. Acetyl-CoA i

Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Catalysis of the transfer of a nucleotide-sugar from one side of the membrane to the other. A nu
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a nucleotide-sugar from one side of the membrane to the other. A nu
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the transfer of a nucleotide-sugar from one side of the membrane to the other. A nu
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"

ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
Enables the active transport of a solute across a membrane by a mechanism whereby two or mo
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Interacting selectively with sodium ions (Na+) [goid 31402] [evidence IEA]
Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids

Interacting selectively with sodium ions (Na+) [goid 31402] [evidence IEA]
Interacting selectively with sodium ions (Na+) [goid 31402] [evidence IEA]
Interacting selectively with sodium ions (Na+) [goid 31402] [evidence IEA]
Catalysis of the transfer of zinc (Zn) ions from one side of a membrane to the other [goid 5385] |
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Catalysis of the transfer of zinc (Zn) ions from one side of a membrane to the other [goid 5385] |
Catalysis of the transfer of zinc (Zn) ions from one side of a membrane to the other [goid 5385] |
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
Catalysis of the transfer of iron (Fe) ions from one side of a membrane to the other [goid 5381] [
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the tran
Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the tran

"Catalysis of the transfer of cation from one side of the membrane to the other [goid 8324] [evid
Catalysis of the transfer of neutral amino acids from one side of a membrane to the other. Neutr
Catalysis of the transfer of an L-amino acid from one side of a membrane to the other. L-amino

Catalysis of the transfer of choline from one side of the membrane to the other. Choline (2-hydr
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

ıds, including tyrosine [goid 6583] [evidence IEA]; The series of events required for an organism
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with double-stranded RNA [goid 3725] [evidence IEA]
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of beta-alanine from one side of a membrane to the other. Beta-alanine
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids
"Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids
Catalysis of the transfer of basic amino acids from one side of a membrane to the other. Acidic a
"Catalysis of the transfer of neutral amino acids from one side of a membrane to the other. Neut
Catalysis of the transfer of an L-amino acid from one side of a membrane to the other. L-amino
Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids

Catalysis of the transfer of amino acids from one side of a membrane to the other. Amino acids
"Catalysis of the transfer of neutral amino acids from one side of a membrane to the other. Neut
"Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accord
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
Enables the active transport of a solute across a membrane by a mechanism whereby two or m
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the second transesterification reaction of spliceosomal mRNA splicing. Ligation of t
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with double-stranded DNA [goid 3690] [evidence ISS]; The function of bir
"Interacting selectively with double-stranded DNA [goid 3690] [evidence IEA]; The function of bir
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
Increases the rate of GTP hydrolysis by the GTPase ARF [goid 8060] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the phosphorylation of myo-inositol (1,2,3,5/4,6-cyclohexanehexol) or a phosphatid
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
Catalysis of the reaction: sphingomyelin + H2O = N-acylsphingosine + choline phosphate [goid 4
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence IEA]; Catalysis of the rea
Catalysis of the reaction: sphingomyelin + H2O = N-acylsphingosine + choline phosphate [goid 4
"Catalysis of the reaction: sphingomyelin + H2O = N-acylsphingosine + choline phosphate [goid

"Catalysis of the reaction: S-adenosylmethioninamine + putrescine = 5'-methylthioadenosine + s
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9003788] [evidence T

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with a SNARE (soluble N-ethylmaleimide-sensitive factor attached protein
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of a phospholipase, an enzyme that catalyzes of the hyd
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function that links a
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 10419521] [ev

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
production, gene expression, etc.) as a result of a disturbance in organismal or cellular homeost

Interacting selectively with the SNAP receptor syntaxin-1 [goid 17075] [pmid 10707983] [evidenc
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 3260384] [ev
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 7744013] [ev
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a 7-methylguanosine (m7G) moiety or derivative located at the 5' en
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"Stops, prevents or reduces the activity of a protein kinase, an enzyme which phosphorylates a

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with the epidermal growth factor receptor [goid 5154] [evidence IEA]; Inter
"Catalysis of the reaction: 2 peroxide radical + 2 H+ = O2 + H2O2 [goid 4784] [pmid 14980699]
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8031013] [evidence T
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
Combining with a neuropeptide to initiate a change in cell activity [goid 8188] [pmid 11499680] [
"Catalysis of the reaction: L-iditol + NAD+ = L-sorbose + NADH + H+ [goid 3939] [evidence IEA]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Stimulates
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7693701] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Modulation of the activity of the enzyme cAMP-dependent protein kinase [goid 8603] [evidence

"Catalysis of the hydrolysis of the 1,4-beta-linkages between N-acetyl-D-glucosamine and N-ace
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"The formation of a protein dimer, a macromolecular structure consists of two noncovalently ass
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a CD4, a receptor found on the surface of T cells, monocytes and m
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
ıer be an existing DNA molecule or RNA [goid 6260] [pmid 7799938] [evidence TAS]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi
6] [evidence IEA]
6] [evidence IEA]
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 10386950] [evidence IDA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Stops, prevents or reduces the activity of an endopeptidase, any enzyme that hydrolyzes nonte
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Catalysis of the NADPH-dependent reduction of carbonyl compounds [goid 4033] [pmid 18833
"Interacting selectively with the stem cell factor receptor (SCFR), a type III transmembrane kinas
"Interacting selectively with the stem cell factor receptor (SCFR), a type III transmembrane kinas
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [g
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the reaction: palmitoyl-CoA + L-serine = CoA + 3-dehydro-D-sphinganine + CO2 [g
"Catalysis of the reaction: palmitoyl-CoA + L-serine = CoA + 3-dehydro-D-sphinganine + CO2 [g
"Catalysis of the reaction: palmitoyl-CoA + L-serine = CoA + 3-dehydro-D-sphinganine + CO2 [g

"Catalysis of the formation of a 2,3-epoxide in squalene [goid 4506] [pmid 9286711] [evidence N
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Combining w
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Cat
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: a 3-oxo-5-alpha-steroid + acceptor = a 3-oxo-delta(4)-steroid + reduce
Catalysis of the reaction: a 3-oxo-5-alpha-steroid + acceptor = a 3-oxo-delta(4)-steroid + reduce
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Catalysis of the reaction: S-adenosylmethioninamine + putrescine = 5'-methylthioadenosine + s
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with 7S RNA, the RNA component of the signal recognition particle (SRP
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the geometric or structural changes within one molecule. Isomerase is the systema
anism [goid 48511] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"The action characteristic of a hormone, any substance formed in very small amounts in one spe

"Interacting selectively with transfer RNA [goid 49] [pmid 10983981] [evidence TAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]
ometry. Force generation involves a chemo-mechanical energy conversion step. The chemo-mec
"Interacting selectively with a signal sequence, a specific peptide sequence found on protein pre
"Interacting selectively with a signal sequence, a specific peptide sequence found on protein pre
"Interacting selectively with a signal sequence, a specific peptide sequence found on protein pre
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence NAS]; Interacting selective
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 1372440] [evidence T
Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
ycle [goid 45786] [evidence IEA]"
"Catalysis of the reaction: CMP-N-acetylneuraminate + beta-D-galactosyl-1,3-N-acetyl-alpha-D-g
"Catalysis of the reaction: CMP-N-acetylneuraminate + beta-D-galactosyl-1,3-N-acetyl-alpha-D-g
"Catalysis of the reaction: CMP-N-acetylneuraminate + beta-D-galactosyl-1,4-N-acetyl-D-glucos
"Catalysis of the reaction: CMP-N-acetylneuraminate + beta-D-galactosyl-1,3-N-acetyl-alpha-D-g
"Catalysis of the reaction: CMP-N-acetylneuraminate + beta-D-galactosyl-1,4-N-acetyl-beta-D-gl
Catalysis of the formation of sialylglycoconjugates via transfer of the sialic acid group from CMP
"Catalysis of the formation of sialylglycoconjugates via transfer of the sialic acid group from CMP
"Catalysis of the reaction: alpha-N-acetylneuraminyl-2,3-beta-D-galactosyl-1,3-N-acetyl-D-galact
Catalysis of the formation of sialylglycoconjugates via transfer of the sialic acid group from CMP

"Catalysis of the reaction: CMP-N-acetylneuraminate + alpha-N-acetylneuraminyl-2,3-beta-D-ga
"Catalysis of the reaction: CMP-N-acetylneuraminate + alpha-N-acetylneuraminyl-2,3-beta-D-ga
"Catalysis of the reaction: CMP-N-acetylneuraminate + alpha-N-acetylneuraminyl-2,3-beta-D-ga
"Catalysis of the reaction: CMP-N-acetylneuraminate + alpha-N-acetylneuraminyl-2,3-beta-D-ga
"Catalysis of the reaction: CMP-N-acetylneuraminate + alpha-N-acetylneuraminyl-2,3-beta-D-ga
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with cholesterol (cholest-5-en-3-beta-ol); the principal sterol of vertebrate

"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively with cholest
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively with cholest

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with double-stranded RNA [goid 3725] [pmid 10022909] [evidence TAS]; I
Interacting selectively with double-stranded RNA [goid 3725] [pmid 10585778] [evidence TAS]
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 16005298] [evidence IDA]; Int
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with a specific domain of a protein [goid 19904] [evidence ISS]
d [goid 7242] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"Interacting selectively with calmodulin, a calcium-binding protein with many roles, both in the ca
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Catalysis of the reaction: 3-beta-hydroxyandrost-5-en-17-one 3-sulfate + H2O = 3-beta-hydroxy

"Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl d
"Catalysis of the reaction: dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl d
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Acting as a marker to identify a membrane and interacting selectively with one or more SNARE
"Acting as a marker to identify a membrane and interacting selectively with one or more SNARE
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
Acting as a marker to identify a membrane and interacting selectively with one or more SNAREs
ut of, within or between cells, or within a multicellular organism [goid 6810] [pmid 10198254] [evi
uding from the membrane of the vesicle and the target membrane, during exocytosis [goid 6904]
Interacting selectively with the SNAP receptor syntaxin-2 [goid 30347] [evidence NAS]; Interacti
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]; The directed movement of substances, either within a vesicle or in the vesicle membrane, i
out of or within a cell [goid 16192] [evidence IEA]"
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the reaction: ATP + succinate + CoA = ADP + succinyl-CoA + phosphate [goid 477
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Catalysis of the reaction: GTP + succinate + CoA = GDP + succinyl-CoA + phosphate [goid 47
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with an identical protein or proteins [goid 42802] [evidence IEA]; Interactir
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Catalysis of the reaction: a phenol sulfate + H2O = a phenol + SO4(2-) (sulfate) [goid 4065] [pm
"Catalysis of the reaction: a phenol sulfate + H2O = a phenol + SO4(2-) (sulfate) [goid 4065] [pm
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + a phenol = adenosine 3',5'-

"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + a phenol = adenosine 3',5'-

"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + a phenol = adenosine 3',5'-
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + an alcohol = adenosine 3',5
"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the reaction: S
"Any activity that increases the rate of transcription elongation, the addition of ribonucleotides to
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Any activity that decreases the rate of transcription elongation, the addition of ribonucleotides to
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence ISS]; Interacting s
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
The action of a molecule that contributes to the structural integrity of a complex or assembly witl

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
EA]"
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
out of or within a cell [goid 16192] [evidence IEA]"

"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
"Interacting selectively with Rab protein, any member of the Rab subfamily of the Ras superfam
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
production, gene expression, etc.) as a result of a disturbance in organismal or cellular homeost

Combining with tachykinin to initiate a change in cell activity [goid 4995] [evidence IEA]; Combin

evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 7923369] [evi
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 9418870] [ev
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9674425] [evidence T
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio

"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
e, from its formation to the mature structure. The central nervous system is the core nervous syst

"Catalysis of the reaction: sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ery
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: peptide antigen(in) + ATP = peptide antigen(out) + ADP + phosphate
rigin on its cell surface in association with an MHC class I protein complex. The peptide antigen i

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [pmid 8846792] [e
Interacting selectively with double-stranded RNA [goid 3725] [pmid 11641396] [evidence TAS]; I
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Catalysis of the hydrolysis of internal peptide bonds in a polypeptide chain by a mechanism in v
"Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence IEA]; Cat
"Catalysis of the hydrolysis of ester linkages within nucleic acids [goid 4518] [evidence IEA]; Cat
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415]
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA]
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096

Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA]
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Increases the activit
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096
"Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]; Interacting selective
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a chaperone protein, a class of proteins that bind to nascent or unfo
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
hat directly recognize components of potential pathogens [goid 45087] [evidence IEA]
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t

"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Any activity
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [evidenc
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Functions in chain elongation during polypeptide synthesis at the ribosome [goid 3746] [evidenc
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Any activity
Functions to initiate or regulate RNA polymerase II transcription [goid 3702] [pmid 9315662] [evi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inte
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of substances (such as macromolecules, small molecules, ions
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the transfer of cobalt (Co) ions from one side of a membrane to the other [goid 150
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

Interacting selectively with damaged DNA [goid 3684] [pmid 9489705] [evidence TAS]; Interactir
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the hydrolysis of ester linkages within nucleic acids by removing nucleotide residue
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Interacting selectively with double-stranded DNA [goid 3690] [evidence IEA]; The function of bir
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with magnesium (Mg) ions [goid 287] [evidence ISS]; Interacting selective
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functior

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region c
"Catalysis of the dimethylation two adjacent A residues in the loop closing the 3'-terminal stem c
"Catalysis of the dimethylation two adjacent A residues in the loop closing the 3'-terminal stem c
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

'y, which result in restriction of damage to the organism attacked or prevention/recovery from the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a glycoprotein, a protein that contains covalently bound glycose (mo
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Interacting selectively with an integrin [goid 5178] [pmid 1388724] [evidence TAS]; Interacting se
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Combining with transforming growth factor beta to initiate a change in cell activity [goid 5024] [p

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the transfer of a group, e.g. a methyl group, glycosyl group, acyl group, phosphorus
"Catalysis of the reaction: protein glutamine + alkylamine = protein N5-alkylglutamine + NH3. Th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"The action of a molecule that contributes to the structural integrity of a complex or assembly wi
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the posttranscriptional addition of a guanyl residue to the 5' end of a tRNA molecul
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Catalysis of the cleavage of C-C, C-O, C-N and other bonds by other means than by hydrolysis
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Functions to control the survival, growth, differentiation and effector function of tissues and cells

"Catalysis of the reaction: ATP = 3',5'-cyclic AMP + diphosphate [goid 4016] [evidence IEA]; Cat

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Increases the rate of GTP hydrolysis by a GTPase of the Rho family [goid 5100] [evidence ISS]

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"[goid 5057] [evidence IEA]; Stimulates the exchange of guanyl nucleotides by a GTPase. Unde
"[goid 5057] [evidence IEA]; Stimulates the exchange of guanyl nucleotides by a GTPase. Unde
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Enables the directed movement of proteins into, out of, within or between cells [goid 8565] [evid
"Enables the directed movement of proteins into, out of, within or between cells [goid 8565] [evid
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence IEA]; Interacting sel
"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence IEA]; Interacting sel
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10581025] [evidence
r more mature rRNA molecules [goid 6364] [evidence IEA]
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the reaction
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: ATP + GMP = ADP + GDP [goid 4385] [pmid 8824195] [evidence TAS
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Catalysis of the reaction: sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ribo
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with chromatin, the network of fibers of DNA and protein that make up th
6355] [evidence IEA]; The series of molecular signals initiated by binding of Wnt protein to a friz
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Interacting selectively with double-stranded RNA [goid 3725] [pmid 16111635] [evidence IDA];
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the

ut of, within or between cells, or within a multicellular organism [goid 6810] [pmid 9729438] [evid
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

olecular signal, and recognize and characterize the signal. Sonic stimuli are detected in the form

Enables the active transport of a solute across a membrane by a mechanism whereby two or m

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
EA]"
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]; The
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]"
er time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multice
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

A receptor that binds an extracellular ligand and transmits the signal to a heterotrimeric G-protei
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of the hydrolysis of peptide bonds by a mechanism in which water acts as a nucleoph

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Catalysis of facilitated diffusion of a potassium ion (by an energy-independent process) involvin
Catalysis of facilitated diffusion of a potassium ion (by an energy-independent process) involvin

The action of a molecule that contributes to the structural integrity of the nuclear pore complex [

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,
"Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, C-C, phosphoric anhydride bonds,

Catalysis of the generalized reaction: acyl-carrier + reactant = acyl-reactant + carrier [goid 8415]

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions to

"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Interacting selectively with tropomyosin, a protein associated with actin filaments both in cytopla
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
polypeptides (co-translational, post-translational modifications). Includes the modification of cha

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity, ar
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Functions to control the survival, growth, differentiation and effector function of tissues and cells

"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Interacting selectively with the tumor necrosis factor receptor [goid 5164] [evidence IEA]; Intera
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the reaction: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)
"Interacting selectively with any enzyme [goid 19899] [pmid 11854288] [evidence NAS]; Interact
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 12743712] [evidence
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
a male gamete takes part in sexual reproduction [goid 7292] [pmid 10602502] [evidence TAS];
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
fic compartments or structures within a cell, such as organelles of a eukaryotic cell [goid 6886] [e
"Primary active carrier-mediated transport of a protein across a membrane, driven by the hydroly
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"Interacting selectively with a signal sequence, a specific peptide sequence found on protein pre
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Primary active carrier-mediated transport of a protein across a membrane, driven by the hydroly
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of a DNA topological transformation by transiently cleaving one DNA strand at a time

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of a DNA topological transformation by transiently cleaving one DNA strand at a time t
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11278651] [evidence
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
production, gene expression, etc.) as a result of a disturbance in organismal or cellular homeost

of proteolytic caspases, whose actions dismantle the cell and result in cell death. Apoptosis begi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

"Catalysis of the transmembrane transfer of an ion by a voltage-gated channel. An ion is an ator
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 15576473] [evidence IDA]; Int
Interacting selectively with an identical protein to form a homodimer [goid 42803] [pmid 9484778
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the reaction: D-glyceraldehyde 3-phosphate = glycerone phosphate [goid 4807] [pm
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Catalysis of the reaction: S-adenosyl-L-methionine + a thiopurine = S-adenosyl-L-homocysteine
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a protein kinase, any enzyme that catalyzes the transfer of a phosph
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + protein tyrosine = adenosir
"Catalysis of the reaction: 3'-phosphoadenosine 5'-phosphosulfate + protein tyrosine = adenosir
Interacting selectively with calcium ions (Ca2+) [goid 5509] [pmid 15162379] [evidence IDA]; Int
"Catalysis of the reaction: protein tyrosine phosphate + H2O = protein tyrosine + phosphate [goi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

nd [goid 7242] [pmid 10962033] [evidence NAS]; Any process that activates or increases the frec

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7592751] [evidence T
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with the gamma-aminobutyric acid (GABA, 4-aminobutyrate) receptor [go
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

EA]; The directed movement of proteins in a cell, from one side of a membrane to another [goid
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
ated by COP II vesicles. Small COP II coated vesicles form from the ER and then fuse directly wi
"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
ut of, within or between cells, or within a multicellular organism [goid 6810] [evidence IEA]; The

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
out of or within a cell [goid 16192] [evidence IEA]"
out of or within a cell [goid 16192] [evidence IEA]"

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the phosphorylation of an amino acid residue in a protein, usually according to the
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The function of a transcription cofactor that represses transcription from a RNA polymerase II p
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; The functio
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a protein C-terminus, the end of any peptide chain at which the 1-ca
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
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Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively with an ident
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"The function of a transcription cofactor that activates transcription from a RNA polymerase II pr
"Interacting selectively with the interleukin-1 receptor [goid 5149] [pmid 15657077] [evidence ID
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
Functions in the initiation of ribosome-mediated translation of mRNA into a polypeptide [goid 37

"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with a r

"Interacting selectively with transfer RNA [goid 49] [pmid 11504732] [evidence IDA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Cat
"Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throu
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of facilitated diffusion of a calcium (by an energy-independent process) involving pass
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Catalysis of the reaction: RNA uridine = RNA pseudouridine. Conversion of uridine in an RNA m
Catalysis of the reaction: RNA uridine = RNA pseudouridine. Conversion of uridine in an RNA m
"Interacting selectively with a protein N-terminus, the end of any peptide chain at which the 2-am
"Increases the activity of a GTPase, an enzyme that catalyzes the hydrolysis of GTP [goid 5096]
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the endonucleolytic cleavage of pre-tRNA, producing 5'-hydroxyl and 2',3'-cyclic ph
"Catalysis of the endonucleolytic cleavage of pre-tRNA, producing 5'-hydroxyl and 2',3'-cyclic ph
mRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process by which a
"Any activity that modulates the rate of transcription elongation, the addition of ribonucleotides to
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10888872] [evidence
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Functions to control the survival, growth, differentiation and effector function of tissues and cells
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
"Enables the directed movement of proteins into, out of, within or between cells [goid 8565] [pmi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac

Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq

134123] [evidence TAS]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

atom peptidyl-tryptophan [goid 6487] [pmid 8420826] [evidence TAS]
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA sequences encoding ribosomal RNA [goid 182] [pmid 1139547
nits of eukaryotic chromatin composed of histones and DNA [goid 6334] [evidence IEA]"
nits of eukaryotic chromatin composed of histones and DNA [goid 6334] [evidence IEA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
r more mature rRNA molecules [goid 6364] [evidence IEA]

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the reaction: thiosulfate + cyanide = SO3(2-) (sulfite) + thiocyanate [goid 4792] [evi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with an unfolded protein [goid 51082] [pmid 8836031] [evidence TAS]
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Th
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
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"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
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"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
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"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a phosphate group, usually from ATP, to a substrate molecule [goid
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
Catalysis of the reaction: ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
Catalysis of facilitated diffusion of an ion (by an energy-independent process) by passage throug
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
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"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
omplex [goid 6461] [pmid 9566967] [evidence TAS]; The 'de novo' formation of a microtubule, in
The action of a molecule that contributes to the structural integrity of a cytoskeletal structure [go
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
The action of a molecule that contributes to the structural integrity of tooth enamel [goid 30345]

"Interacting selectively with phosphatidylinositol-4,5-bisphosphate, a diphosphorylated derivative
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inte
"Catalysis of the reaction: nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1). Utilizes
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Any molecular entity that serves as an electron acceptor and electron donor in an electron trans
5454] [evidence IEA]; Any process that maintains the redox environment of a cell or compartmen
"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
5454] [evidence IEA]
5454] [evidence IEA]
5454] [evidence IEA]
Catalysis of the reaction: donor + H2O2 = oxidized donor + 2 H2O [goid 4601] [pmid 14607844]
Catalysis of the reaction: thioredoxin + NADP+ = thioredoxin disulfide + NADPH + H+ [goid 479
Catalysis of the geometric or structural changes within one molecule. Isomerase is the systemat
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Stops, prevents or reduces the activity of an enzyme [goid 4857] [evidence IEA]; Interacting sel

mRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The progression of bioc
"Catalysis of the reaction: thioredoxin + NADP+ = thioredoxin disulfide + NADPH + H+ [goid 479
"Catalysis of the reaction: thioredoxin + NADP+ = thioredoxin disulfide + NADPH + H+ [goid 479
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with the platelet-derived growth factor receptor [goid 5161] [pmid 200590

"Catalysis of the reaction: 5,10-methylenetetrahydrofolate + dUMP = dihydrofolate + dTMP [goic
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
[goid 5057] [pmid 9490415] [evidence TAS]; Interacting selectively with any protein or protein co
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Any molecular entity that s
"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA];
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of the transfer of a nucleotidyl group to a reactant [goid 16779] [evidence IEA]; Cataly
"Catalysis of the transfer of a nucleotidyl group to a reactant [goid 16779] [evidence IEA]; Cataly
"Interacting selectively with ATP, adenosine 5'-triphosphate, a universally important coenzyme a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
The action of a molecule that contributes to the structural integrity of the ribosome [goid 3735] [e
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
polypeptides (co-translational, post-translational modifications). Includes the modification of cha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,

"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi

"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
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"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the ligation of two substances with concomitant breaking of a diphosphate linkage,
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
Catalysis of the transfer of a prenyl group from one compound (donor) to another (acceptor) [go
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
"Catalysis of ATP-dependent isopeptide bond formation between the carboxy-terminal residues
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: a phosphoprotein + H2O = a protein + phosphate. Together with prote
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a kinase, any enzyme that catalyzes the transfer of a phosphate gro
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with an identical protein or proteins [goid 42802] [pmid 16713569] [eviden
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of a reaction that alters the configuration of one or more chiral centers in an amino ac

"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Ca
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
polypeptides (co-translational, post-translational modifications). Includes the modification of cha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
Interacting selectively with any thioesterase enzyme [goid 31996] [pmid 11163772] [evidence IP
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Catalysis of the hydrolysis of various forms of polymeric ubiquitin sequences. Will remove ubiqu
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when t
Catalysis of the reaction: UDP-glucose + N-acylsphingosine = UDP + D-glucosyl-N-acylsphingos
Catalysis of the addition of UDP-glucose on to asparagine-linked (N-linked) oligosaccharides of
"Catalysis of the reaction: UDP-glucose + 2 NAD+ + H2O = UDP-glucuronate + 2 NADH + H+ [g
"Catalysis of the reaction: UTP + alpha-D-glucose 1-phosphate = diphosphate + UDP-glucose [g
Catalysis of the reaction: UDP-glucuronate + acceptor = UDP + acceptor beta-D-glucuronoside
Catalysis of the reaction: UDP-glucuronate + acceptor = UDP + acceptor beta-D-glucuronoside
Catalysis of the reaction: UDP-glucuronate + acceptor = UDP + acceptor beta-D-glucuronoside
Catalysis of the reaction: UDP-glucuronate + acceptor = UDP + acceptor beta-D-glucuronoside
"Catalysis of the reaction: UDP-galactose + 2-(2-hydroxyacyl)sphingosine = UDP + 1-(beta-D-ga
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
Combining with an MHC class I protein complex to initiate a change in cellular activity. Class I h
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"Catalysis of the reaction: orotidine 5'-phosphate + diphosphate = orotate + 5-phospho-alpha-D-
oss a synapse [goid 7268] [pmid 9538874] [evidence TAS]; The series of events required for an
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
nes, matrix proteins) contained within a membrane-bounded vesicle by fusion of the vesicle with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the cleavage of the N-C1' glycosidic bond between the damaged DNA base and th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Catalysis of the reaction: N-carbamoyl-beta-alanine + H2O = beta-alanine + CO2 + NH3 [goid 3
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Catalysis of the reaction: uridine + phosphate = uracil + alpha-D-ribose 1-phosphate [goid 4850]
Catalysis of the reaction: uridine + phosphate = uracil + alpha-D-ribose 1-phosphate [goid 4850]
Catalysis of the reaction: UMP + diphosphate = uracil + 5-phospho-alpha-D-ribose 1-diphosphat

Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi
"Catalysis of a biochemical reaction at physiological temperatures. In biologically catalyzed reac
"Interacting selectively with iron (Fe) ions [goid 5506] [evidence IEA]; Catalysis of the transfer of
Catalysis of the transfer of a solute or solutes from one side of a membrane to the other accordi

"Interacting selectively with GTP, guanosine triphosphate [goid 5525] [evidence IEA]"
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple
"Catalysis of the reaction: uroporphyrinogen-III = coproporphyrinogen + 4 CO2 [goid 4853] [evid
"Catalysis of the reaction: hydroxymethylbilane = uroporphyrinogen-III + H2O [goid 4852] [evide
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Plays a role in regulating transcription; may bind a promoter or enhancer DNA sequence or inte

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
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"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
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"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechan
"Catalysis of the reaction: ubiquitin C-terminal thiolester + H2O = ubiquitin + a thiol. Hydrolysis o
"Catalysis of the transfer of a sulfate group from 3'-phosphoadenosine 5'-phosphosulfate to the
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
r more mature rRNA molecules [goid 6364] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
r more mature rRNA molecules [goid 6364] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selective
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The action characteristic of a hormone, any substance formed in very small amounts in one spe
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
physical agents in the environment (e.g. UV and ionizing radiations, chemical mutagens, fungal
"Interacting selectively with microtubules, filaments composed of tubulin monomers [goid 8017]
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
out of or within a cell [goid 16192] [evidence IEA]; The release of intracellular molecules (e.g. ho
out of or within a cell [goid 16192] [evidence IEA]"
ver time from an initial condition (e.g. a zygote or a young adult) to a later condition (e.g. a multic
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Catalysis of the formation of aminoacyl-tRNA from ATP, amino acid, and tRNA with the release
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
g successive cell replication or nuclear replication events. Canonically, the cell cycle comprises t

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Stimulates the exchange of guanyl nucleotides by a GTPase. Under normal cellular physiologic
"Interacting selectively and simultaneously with one or more signal transduction molecules, usua
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with an unfolded protein [goid 51082] [evidence IEA]
Interacting selectively with an integrin [goid 5178] [pmid 1377228] [evidence IDA]; Interacting se
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the hydrolysis of various forms of polymeric ubiquitin sequences. Will remove ubiqu

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with any vascular endothelial growth factor receptor [goid 5172] [pmid 89
The function that stimulates a cell to grow or proliferate. Most growth factors have other actions
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t

The process whose specific outcome is the progression of the embryo over time, from zygote fo
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein component of any cytoskeleton (actin, microtubule, or int
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
The action of a molecule that contributes to the structural integrity of a complex or assembly witl
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the

The action of a molecule that contributes to the structural integrity of the vitelline membrane of a
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Combining with an extracellular or intracellular messenger to initiate a change in cell activity [goi
Catalysis of the reaction: (R)-pantetheine + H2O = (R)-pantothenate + 2-aminoethanethiol [goid
Catalysis of the hydrolysis of any non-peptide carbon-nitrogen bond in a linear amide [goid 1681
Catalysis of the reaction: (R)-pantetheine + H2O = (R)-pantothenate + 2-aminoethanethiol [goid

"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
"Interacting selectively with an antigen, any substance which is capable of inducing a specific im

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
EA]"
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
EA]; The directed movement of proteins into, out of, within or between cells [goid 15031] [eviden
vidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the reaction: L(or D)-O-phosphoserine + H2O = L(or D)-serine + phosphate [goid 4
uding from the membrane of the vesicle and the target membrane, during exocytosis [goid 6904]
uding from the membrane of the vesicle and the target membrane, during exocytosis [goid 6904]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a lipid [goid 8289] [evidence IEA]; Interacting selectively and non-co
EA]"
EA]"
EA]"

EA]"
Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [evidence IEA]
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
EA]"
EA]"
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

nway activity [goid 30514] [pmid 17400546] [evidence ISS]; Any process that activates or increas
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Modulates the rate of GTP hydrolysis by a small monomeric GTPase [goid 5083] [pmid 862541(
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with single-stranded DNA [goid 3697] [pmid 10593949] [evidence TAS]; In

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
ans, and organisms. A process is a collection of molecular events with a defined beginning and e

"Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [pmid 1112470
Catalysis of the transfer of a methyl group to an acceptor molecule [goid 8168] [evidence IEA]
"Interacting selectively with phosphatidylinositol, any glycophospholipid with its sn-glycerol 3-pho

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9175701] [evidence T
"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

r more mature rRNA molecules [goid 6364] [evidence IEA]

"Enables the directed movement of substances (such as macromolecules, small molecules, ions

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

119] [evidence IEA]

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Increases the rate of GTP hydrolysis by a GTPase of the Rab family [goid 5097] [evidence IEA]
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a catalytic

onucleoprotein complex that in involved in formation of the spliceosome [goid 387] [pmid 151305

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
r more mature rRNA molecules [goid 6364] [evidence IEA]
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif

"Stops, prevents or reduces the activity of a protease, any enzyme catalyzes the hydrolysis pept
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Stops, prevents or reduces the activity of serine-type endopeptidases, enzymes that catalyze th
"Interacting selectively with an ATPase, any enzyme that catalyzes the hydrolysis of ATP [goid 5

"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-dependent trans

Catalysis of the reaction: ATP + a protein tyrosine = ADP + protein tyrosine phosphate [goid 471
"Interacting selectively with one or more specific sites on a receptor molecule, a macromolecule

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
Mediates the transfer of a signal from the outside to the inside of a cell by means other than the

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
rolysis of its peptide bonds, initiated by the covalent attachment of a ubiquitin moiety, or multiple

mRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The progression of bioc
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

"Catalysis of an oxidation-reduction (redox) reaction, a reversible chemical reaction in which the
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
"Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubi
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Catalysis of the reaction: xanthine + NAD+ + H2O = urate + NADH + H+ [goid 4854] [pmid 822

"Interacting selectively with monomeric or multimeric forms of actin, including actin filaments [go

"Enables the directed movement of substances (such as macromolecules, small molecules, ion

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

Interacting selectively with damaged DNA [goid 3684] [pmid 10873465] [evidence TAS]; Interact
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Catalysis of the hydrolysis of N-terminal amino acid residues from in a polypeptide chain [goid 4
"Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Int
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with an
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Combining with a nuclear export signal to initiate a change in cell activity [goid 5049] [pmid 110
"Interacting selectively with transfer RNA [goid 49] [pmid 9512417] [evidence TAS]; The selectiv
A receptor that binds an extracellular ligand and transmits the signal to a heterotrimeric G-protei
Interacting selectively with damaged DNA [goid 3684] [evidence IEA]; Interacting selectively with
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9259561] [evidence I
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
"Catalysis of the reaction: ATP + a protein = ADP + a phosphoprotein, requiring the presence of
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Catalysis of the reaction: ATP + D-xylulose = ADP + D-xylulose 5-phosphate [goid 4856] [pmid
Catalysis of the transfer of an N-acetylglucosaminyl residue from UDP-N-acetyl-glucosamine to
Catalysis of the transfer of an N-acetylglucosaminyl residue from UDP-N-acetyl-glucosamine to
The function of a transcription cofactor that activates transcription from a RNA polymerase II pro
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with transfer RNA [goid 49] [evidence IEA]; Interacting selectively with a
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Interacting selectively with double-stranded DNA [goid 3690] [pmid 1738588] [evidence TAS]; In
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

6355] [evidence IEA]; Any process that modulates the frequency, rate or extent of DNA-depend
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
EA]; The directed movement of substances, either within a vesicle or in the vesicle membrane, i

e specialized structural and/or functional features that characterize the cells, tissues, or organs o

EA]; The directed movement of substances, either within a vesicle or in the vesicle membrane, i

"Acting as a marker to identify a membrane and interacting selectively with one or more SNARE
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
Catalysis of the hydrolysis of a peptide bond. A peptide bond is a covalent bond formed when th

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esterif
ıRNA(s) prior to translation into polypeptide [goid 6397] [evidence IEA]; The process of removing
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w

S]

Catalysis of the incorporation of one atom from molecular oxygen into a compound and the redu
Interacting selectively with any enzyme [goid 19899] [pmid 10788521] [evidence IPI]; Interacting
"Interacting selectively with protein kinase C [goid 5080] [pmid 10433554] [evidence IPI]; Interac
"Catalysis of the incorporation of one atom from molecular oxygen into a compound and the red
"Interacting selectively with a specific domain of a protein [goid 19904] [evidence IEA]; Interactir
"Interacting selectively with a transcription factor, any protein required to initiate or regulate trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9545376] [evidence T
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Cat

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Catalysis of the transfer
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Mediates the transfer of a signal from the outside to the inside of a cell by means other than the
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the transfer of
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize

"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Catalysis of the generalize
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Catalysis of the reaction: ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiq
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th

"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"Functions to initiate or regulate RNA polymerase II transcription by binding an enhancer region
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Naturally occurring peptide that is an opioid (any non-alkaloid having an opiate-like effect that c
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9653652] [evidence N
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Plays a role
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with phosphatidylinositol, any glycophospholipid with its sn-glycerol 3-pho
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 11062261] [evidence NAS]; Interacti
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with an RNA molecule or a portion thereof [goid 3723] [evidence IEA]; Inte
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Catalysis of the hydrolysis of internal, alpha-peptide bonds in a polypeptide chain by a mechani
"Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10486218] [evidence
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 10486218] [evidence
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 7916577] [evidence T
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; The function of binding to a
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 8665923] [evidence T
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with zinc (Zn) ions [goid 8270] [pmid 9268636] [evidence TAS]; Interacting
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
"The function of binding to a specific DNA sequence in order to modulate transcription. The tran
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence ISS]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 9121460] [evidence T
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
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Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Functions t
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Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
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Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 11090615] [evidence
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 14625278] [evidence
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

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Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting
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The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis of
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with

"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence NAS]; Interacting
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively w
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
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Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [pmid 2505992] [evidence N
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; The function of binding t
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha

Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Catalysis o
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Combining with an extracellular or intracellular messenger to initiate a change in cell activity [go
rocess begins with the attachment of the sperm plasma membrane to the zona pellucida and in
rocess begins with the attachment of the sperm plasma membrane to the zona pellucida and in
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri
"Interacting selectively with a nucleotide, any compound consisting of a nucleoside that is esteri

The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
The function of binding to a specific DNA sequence in order to modulate transcription. The trans
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
"Interacting selectively with any protein or protein complex (a complex of two or more proteins th
Interacting selectively with any protein or protein complex (a complex of two or more proteins tha
"Interacting selectively with a protein N-terminus, the end of any peptide chain at which the 2-an
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
"Elemental activities, such as catalysis or binding, describing the actions of a gene product at th
Interacting selectively with any nucleic acid [goid 3676] [evidence IEA]; Interacting selectively wi
"The selective, often stoichiometric, interaction of a molecule with one or more specific sites on
Interacting selectively with zinc (Zn) ions [goid 8270] [evidence IEA]; Interacting selectively with
Interacting selectively with calcium ions (Ca2+) [goid 5509] [evidence IEA]; Interacting selectivel
Interacting selectively with DNA (deoxyribonucleic acid) [goid 3677] [evidence IEA]; Interacting s

Entinostat RL		Entinostat RL 4RH		Entinostat U2932	
Fold change	P Value	Fold change	P Value	Fold change	P Value
0.870100995	0.00134736	-1.8631663	1.43615E-05	0.940177576	0.139592071
0.925080574	0.15411851	-1.0288509	0.600437372	0.862124804	0.008022969
0.819583547	0.00020027	0.92317537	0.190121261	0.842207317	0.00111336
-1.00591599	0.89954717	0.7548328	0.001575656	-1.13174121	0.010253877
0.874689391	0.0488362	-1.0887407	0.367473794	0.933873913	0.307600237
-1.19525092	0.0095806	-1.0285923	0.551338466	0.907281098	0.148520465
0.906716055	0.02321651	-1.0134319	0.822959714	0.99542384	0.91325427
0.931678519	0.10427937	-1.1996866	0.001091363	0.333078247	8.35E-32
0.964361161	0.33859433	-1.1487096	0.154146602	0.953570876	0.211355004
0.999929408	0.9982714	-1.019617	0.660774416	0.874631305	0.00012762
0.794866097	0.0133782	-1.5493926	3.65795E-07	0.819076861	0.030386414
0.794763651	0.21694231	0.7379056	0.00102873	-1.0294579	0.875122377
-1.03868504	0.48996495	0.85083596	0.000610627	0.924811434	0.158065718
-1.30841	0.00288248	0.66911499	1.21471E-10	0.97050942	0.729355921
0.830979579	0.08251145	0.93915318	0.191725012	-1.19417643	0.095706112
-1.12614789	0.04804215	-1.1105971	0.070122017	0.97474467	0.664851925
0.941978216	0.34824768	-1.1484988	0.064381166	-1.06985843	0.28984522
0.82682733	0.01252093	-1.0606045	0.472639236	-1.02287629	0.759757185
0.777273046	0.00057191	0.70642374	6.82015E-06	0.595750193	5.92E-10
0.884078171	0.09343744	-1.0022929	0.955807901	0.619143376	1.59E-08
-1.12112331	0.11704236	0.94233838	0.275186415	-1.01699268	0.815281472
-0.99994528	0.99932996	0.83496372	0.000654795	-1.04935664	0.460883019
0.967419852	0.68535545	-1.1983211	0.000278458	0.877322961	0.113337462
0.954641734	0.37955879	0.91926521	0.210465743	0.83123233	0.000866703
-1.02572973	0.66289429	0.87134913	0.042831815	0.973560971	0.645706301
0.81063761	0.0022785	-1.090752	0.04300227	-1.23106786	0.002495331
0.990782756	0.84124881	-1.0102056	0.813480811	0.961159315	0.39304209
-1.20500515	0.04045653	-1.00217	0.954220609	-1.44606067	0.000118183
-1.31506066	0.03692391	0.91685849	0.009852321	0.62733297	0.000607847
-1.10376197	0.12919935	0.90758307	0.284733667	-1.09434596	0.165119522
-1.17664072	0.15880704	-1.0738414	0.699927443	-1.09538393	0.427039992
0.959815658	0.49849669	-1.0271356	0.625880357	0.878866269	0.036458366
-1.04734881	0.57370546	-1.127191	0.169943421	-1.05217412	0.536370015
0.980265917	0.66257697	0.92362656	0.451029442	0.972272214	0.538504795
-1.11315158	0.19051399	-1.0218547	0.714184047	-1.16113555	0.070145654
-1.05277935	0.15586139	-1.0868051	0.193161357	-1.01603127	0.658059484
0.950830946	0.2107951	-1.0040153	0.956774776	0.910162423	0.021698084
0.924393692	0.32408221	0.92960446	0.293379953	0.513832143	2.12E-11
-1.00022773	0.99700124	-1.0440729	0.552458489	-1.12379248	0.058227966
0.932920429	0.19465928	-1.0246093	0.736135539	0.893710526	0.038167353
0.98282869	0.76239829	-1.1278703	0.069079448	0.997058729	0.958976701
0.978448983	0.5997094	0.79085816	0.005613777	0.94661806	0.189340483

-1.02754435	0.68678523	0.90851347	0.072602465	0.878452642	0.058448586
-1.04727085	0.31409265	-1.0700267	0.248022665	-1.06306581	0.184104806
0.937228805	0.08405179	-1.180505	0.014264113	0.976030305	0.512842021
0.957023406	0.42257466	-1.0161097	0.729679621	0.714877204	9.13E-08
-1.20963932	0.09058918	-1.3065855	0.003961833	-1.10227637	0.381854773
0.933656963	0.34972475	0.90684314	0.448190951	0.859879199	0.042836347
0.95929656	0.54571148	-1.0805781	0.2317226	0.953451544	0.488506144
0.968454014	0.77390157	-1.0813608	0.494944027	-1.33166654	0.012651714
-1.00450899	0.93275982	0.86116465	0.016164849	0.281383424	2.90E-30
-1.02533493	0.66045432	-1.0161513	0.845310749	0.978361358	0.700844133
-1.06364139	0.12572673	-1.0357268	0.443032719	-1.04117492	0.313613575
0.868191216	0.10733583	-1.1678768	0.06025755	0.964305474	0.675331506
0.95694026	0.30210286	0.92400151	0.031250333	0.860026115	0.000763023
0.963223062	0.45486663	0.89103205	0.005424897	-1.00002763	0.999559187
0.964530286	0.64336391	0.89536449	0.16751519	0.940269201	0.430641431
0.868283764	0.12454616	-1.0380643	0.538217693	0.823445481	0.036399718
-1.06774572	0.4879491	0.91346608	0.092684809	-1.30152105	0.006941415
-1.06052604	0.46927984	-1.1418032	0.023798081	0.955142373	0.571594079
-1.18698776	0.00776532	0.83170108	4.14659E-05	-1.31482482	4.90E-05
-1.01525385	0.80664443	0.96540485	0.60152989	-1.17393307	0.011848441
0.811810603	1.10E-05	-1.0352681	0.449049436	0.852022955	0.000471078
-1.00853498	0.88216427	-1.0057589	0.876674811	0.924542281	0.174882831
-1.10130881	0.05041064	0.63623121	3.17557E-11	-1.00446727	0.926686154
-1.02429711	0.5657981	-1.0707837	0.53836279	0.963873524	0.379763404
0.944717762	0.31875859	0.74740275	0.000194634	0.896954542	0.059608272
-1.18328887	7.53E-05	-1.1934572	0.012399468	-1.14444329	0.001139276
-1.11248998	0.11442644	-1.0107377	0.923716727	-1.13603582	0.060180907
-1.00296042	0.93661768	0.85765577	0.005498557	0.974947246	0.495825284
-1.04045427	0.2810343	0.99565004	0.938933805	0.968419891	0.382161482
-1.53454853	1.19E-05	-1.0733988	0.079812119	-1.26659092	0.010154654
0.991877616	0.89879866	-1.0308123	0.726497068	0.772186547	0.000165597
0.916117113	0.2944457	0.99160264	0.842523156	-1.57569973	1.10E-06
-1.00942191	0.81888988	-1.005954	0.905511834	-1.0254472	0.540122733
0.980864106	0.85169888	0.92031629	0.289125616	-1.14654732	0.189268362
-1.02994578	0.64814069	0.97902072	0.815684529	0.956099762	0.488038014
0.977196499	0.77654473	-1.2119425	0.045465036	-1.12295785	0.157357861
-1.01278182	0.86842896	-1.0256911	0.754281987	0.849624761	0.037289069
0.640644812	8.05E-08	-1.2163646	0.002588743	0.627742657	2.81E-08
0.838557211	0.00402858	-1.0641805	0.316701276	-1.05016012	0.407209303
0.875543847	0.00288084	0.84964903	0.000383809	0.912983919	0.03697101
-1.01816629	0.82781201	-1.0164551	0.775967638	0.820127717	0.019535004
-1.17270882	0.00537733	0.89307816	0.022736145	-1.117686	0.047724148
-1.0887165	0.01916339	0.98828142	0.777712485	0.993349506	0.850335535
0.738249525	1.30E-07	-1.0004412	0.993801466	0.77423851	4.14E-06

0.992109108	0.90201032	-1.0560392	0.170407308	0.755780362	5.69E-05
-1.14117023	0.23681777	-1.1102431	0.121300268	0.962492464	0.73044216
0.949816427	0.38994787	-1.0738372	0.059485371	-1.06532136	0.291552633
0.968426187	0.48082749	-1.0592207	0.12002273	-1.02593087	0.573432861
0.770119976	0.00114548	-1.434662	0.000155593	-1.04017687	0.606426636
-1.17806811	0.11662575	0.97017495	0.637129313	-1.334757	0.006898433
-1.05702898	0.50941743	-1.1262185	0.156670697	-1.08911074	0.31125403
-1.17776701	0.03501063	0.99756346	0.952491642	0.990645708	0.901584343
-1.31730023	0.00115109	-1.1313134	0.235575627	0.90164719	0.202436583
-1.07141846	0.46826887	0.95962725	0.524271582	0.900327996	0.271164334
0.896778903	0.23051556	0.91539809	0.27922221	0.814500212	0.026348544
-1.04144338	0.43554794	0.84170825	0.028014357	-1.15955731	0.005958048
-1.14259462	0.24073217	0.827117	0.010643669	-1.20997376	0.095643874
0.934999577	0.37691296	0.96410667	0.535329576	-1.00412562	0.95667527
0.936183224	0.29759812	0.91921762	0.052902284	0.835565158	0.005935859
-1.04200504	0.47613995	0.78828316	0.005575551	0.940455129	0.289138226
-1.166883	0.10456388	-1.0694755	0.226580553	0.929503486	0.437609287
-1.21427573	0.05507414	-1.0564262	0.124703381	0.758128572	0.007147802
-1.00118142	0.98845807	0.75274444	5.41634E-07	-1.0018181	0.982244548
-1.17199818	0.03533318	0.5285	8.53898E-14	0.956676475	0.549364065
-1.08565735	0.27288621	0.89102372	0.300555964	0.797044018	0.003474578
-1.38954529	2.34E-05	-1.0068759	0.908595731	-1.41357155	1.01E-05
0.977799597	0.81613146	0.89905378	0.022230425	-1.12894872	0.212275059
-1.02895896	0.7260558	-1.0698976	0.378040487	0.888148579	0.149173312
-1.00556644	0.93268017	-1.1747985	0.122812433	-1.03042621	0.64861894
0.970997161	0.64203378	-1.0363092	0.671007941	0.908402505	0.132892445
-1.01791321	0.69185285	-1.1436058	0.081746227	0.968144134	0.470622729
-1.11271755	0.04899894	0.93950624	0.440123033	0.792974703	5.64E-05
-1.33895317	0.01273013	0.89254316	0.233951103	-1.3685616	0.007668254
0.896098829	0.04957599	0.65210906	1.50865E-05	0.937687315	0.243897099
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0.99312715	0.92620815	0.95703412	0.555974982	0.949322287	0.485893213
-1.05806104	0.21050157	-1.0163191	0.71766112	-1.08734693	0.065479209
-1.06007346	0.3940196	-1.0858006	0.230651601	-1.12379775	0.091367218
-1.05176616	0.41986137	-1.0636916	0.324439883	0.952323208	0.434849668
0.952835316	0.53223525	0.89167942	0.141598121	-1.17645441	0.039130037
-1.09580529	0.19738021	-1.2681247	0.001322016	0.77555379	0.000640733
-1.01830729	0.6958688	0.98048725	0.671167359	0.977410997	0.622645573
-1.00931949	0.85705167	0.98200977	0.724564893	-1.04010398	0.446316919
0.968631647	0.69367432	0.8853965	0.136303892	0.934770761	0.405677489
0.977390439	0.69910995	0.96900304	0.594827535	0.931085928	0.230323277
-1.02292984	0.66775161	-1.1752214	0.003319144	-1.04448327	0.411009211
0.981162456	0.75431361	-1.0741131	0.24218263	-1.15093512	0.023872312
0.986595561	0.84390169	0.9577651	0.529622313	-1.14824762	0.047667009
-1.00725062	0.84477515	-1.0600798	0.117971101	-1.00764168	0.836552607
0.838389799	0.00100783	0.82868431	0.000495596	0.804115222	7.19E-05
-1.10307431	0.07138566	-1.0300023	0.581686083	0.930313964	0.181282788
-1.00217599	0.97680434	0.92878286	0.325224923	0.607733977	1.34E-08
-1.13246875	0.03168884	0.99887375	0.98413098	-1.05474394	0.348827499
-1.05309812	0.44304993	-1.0953123	0.179572216	-1.15838448	0.032429698
0.985784024	0.8403895	-1.112427	0.137952728	-1.24356588	0.003251996
0.992806697	0.9138625	-1.1435778	0.048425446	-1.1632909	0.026802462
-1.10486853	0.15814669	-1.0367191	0.606896539	-1.34064321	9.88E-05
0.971907209	0.35474604	-1.0431848	0.171772179	0.98595297	0.644920319
-1.01749216	0.76756613	0.99881863	0.983919401	-1.02585972	0.663602925
-1.13689669	0.01047295	0.94246647	0.225834793	-1.00875875	0.857580052
0.935346052	0.41580742	0.77342367	0.002651015	0.862274417	0.074635938
0.707278368	0.00014994	0.88663205	0.162012299	0.632291276	1.55E-06
-1.33938287	0.00298627	-1.3373032	0.003130874	-1.28773598	0.009447644
-1.14452457	0.06033079	-1.1468323	0.056719091	-1.15714377	0.042824497

Entinostat U2932 4RH	
Fold change	P Value
0.942911485	0.158810189
0.905167427	0.069898481
0.853823247	0.002511438
-1.13579952	0.008368953
0.869960563	0.040679692
0.974835364	0.702527343
-1.01851134	0.663368448
0.31335114	5.63684E-33
0.944759975	0.136416431
0.8036619	1.12439E-08
0.932770159	0.441439244
0.797497582	0.22379537
0.968706532	0.562810738
0.997973803	0.981286621
0.994657713	0.959363615
0.967784034	0.579381845
-1.06121435	0.351128951
0.944325206	0.439729782
0.695331207	2.37521E-06
0.505517324	5.08901E-13
-1.0803998	0.286099396
-1.13932517	0.049374193
-1.07225832	0.394678648
0.954899151	0.382313066
0.988198287	0.838465932
-1.24926727	0.001289029
0.959821652	0.37673689
-1.41071973	0.000292637
0.604516757	0.0002429
-1.23843099	0.001539363
0.879214966	0.263151737
0.908203181	0.115495491
-1.07718723	0.366996985
0.938301554	0.166676363
-1.06191921	0.460684037
-1.00986835	0.784519213
0.887502706	0.004112793
0.481091622	1.01873E-12
-1.02500891	0.683722332
0.879663376	0.018699766
0.915510517	0.127334544
0.885527829	0.004753696

0.743792015	4.90243E-05
-1.02221618	0.630748231
0.976587844	0.52277428
0.950848994	0.357962035
-1.14643386	0.221330059
0.923637457	0.27987191
0.8813952	0.070211329
-1.18038046	0.141093567
0.332024188	2.55197E-27
-1.02761024	0.632561054
-1.0161437	0.688013158
0.981049512	0.82540333
0.887874167	0.006801109
0.944382881	0.255391077
0.95512616	0.556365039
0.899181845	0.245547639
-1.21382867	0.043809506
0.940612146	0.450982178
-1.26187955	0.000430459
-1.2036642	0.003955086
0.846227152	0.000284541
0.968460697	0.576724814
0.987820674	0.800343678
0.920795014	0.052135045
0.96855873	0.574210135
-1.2070498	1.33027E-05
-1.11445742	0.10868002
0.979001784	0.568649431
-1.11062984	0.005683837
-1.03644685	0.688072939
0.779711047	0.00027094
-1.65510281	1.25402E-07
-1.05008714	0.235728004
-1.093536	0.388519529
0.926494551	0.240272968
-1.16128245	0.069962778
0.838771223	0.025114634
0.586231377	8.046E-10
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0.981383122	0.660534267
0.743114587	0.000685096
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-1.01795602	0.615146375
0.834126335	0.000625905

0.847379137	0.01245971
0.987771084	0.91165806
-1.13122965	0.042725986
0.947338775	0.236541605
-1.0578314	0.462734245
-1.26114238	0.028038604
-1.08694673	0.322556147
-1.02327743	0.762150199
0.956841999	0.584686122
0.928826164	0.437739275
0.807026651	0.020555586
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-1.0798669	0.497040582
0.859816359	0.050320382
0.927003093	0.231966338
-1.15529918	0.014839372
0.833022566	0.055866811
0.821938927	0.052767879
-1.02425826	0.76910604
-1.02671389	0.721266066
0.859862957	0.046790203
-1.35646499	7.41987E-05
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-1.10527578	0.0723451
-1.00853977	0.815237648
-1.34743872	0.004575158
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0.793744996	0.000249783
-1.53926234	4.84244E-07
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0.868816783	0.013090921
0.470231742	1.00109E-17
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0.782988345	0.000153366
-1.04331791	0.288690877
0.942264124	0.210071404

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0.718226697	1.63031E-05
0.714523019	1.62409E-10
0.887108872	0.105179584
0.943763133	0.233782675
0.910643913	0.076578003
-1.14277895	0.014278065
0.98814188	0.872562337
0.955803217	0.51359852
-1.04667696	0.45238883
0.713008127	0.000772077
0.857633594	0.007406275
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0.908978524	0.045118149
0.799605098	0.009716556
0.897877225	0.005989055
-1.01548126	0.758537817
0.875727981	0.053531763
0.990847732	0.852992119
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0.948536667	0.243175758
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-1.0631285	0.461776385

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0.952876364	0.108332971
0.920318768	0.15566329
0.860299294	0.025640368
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0.933680981	0.227289924
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-1.19559079	0.001907192
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0.897685843	0.021110974
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