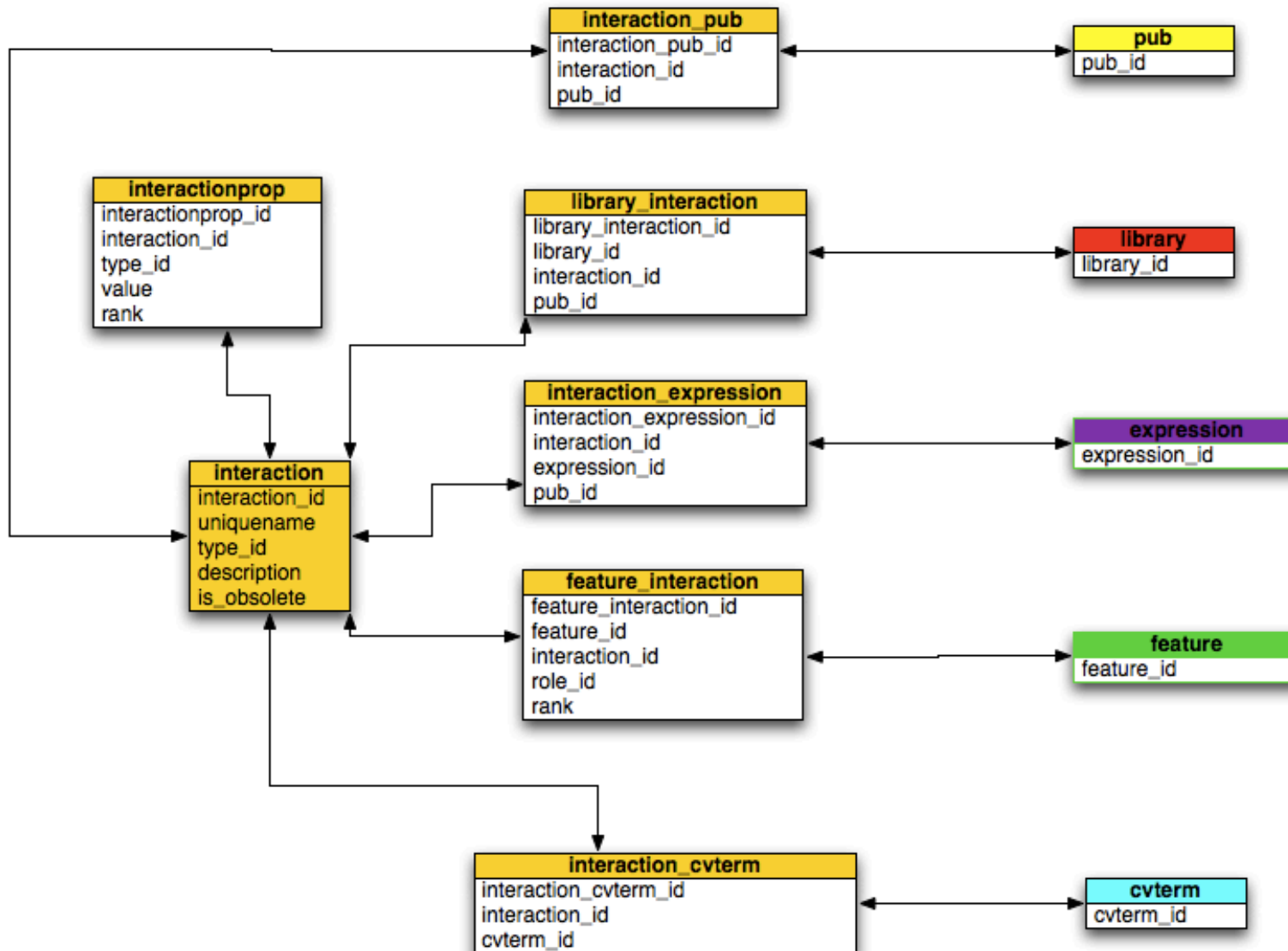


# Chado Interaction Module



interaction
interaction_id
uniquename
type_id
description
is_obsolete

(uniquename, type\_id)

feature_interaction
feature_interaction_id
feature_id
interaction_id
role_id
rank

(feature\_id, interaction\_id,  
role\_id, ?rank?)

interaction_cvterm
interaction_cvterm_id
interaction_id
cvterm_id

Assay info

**'anti tag coimmunoprecipitation'**  
**'peptide massfingerprinting'**

library_interaction
library_interaction_id
library_id
interaction_id
pub_id

'Meta' data

# DPiM

Bait ID: FH353

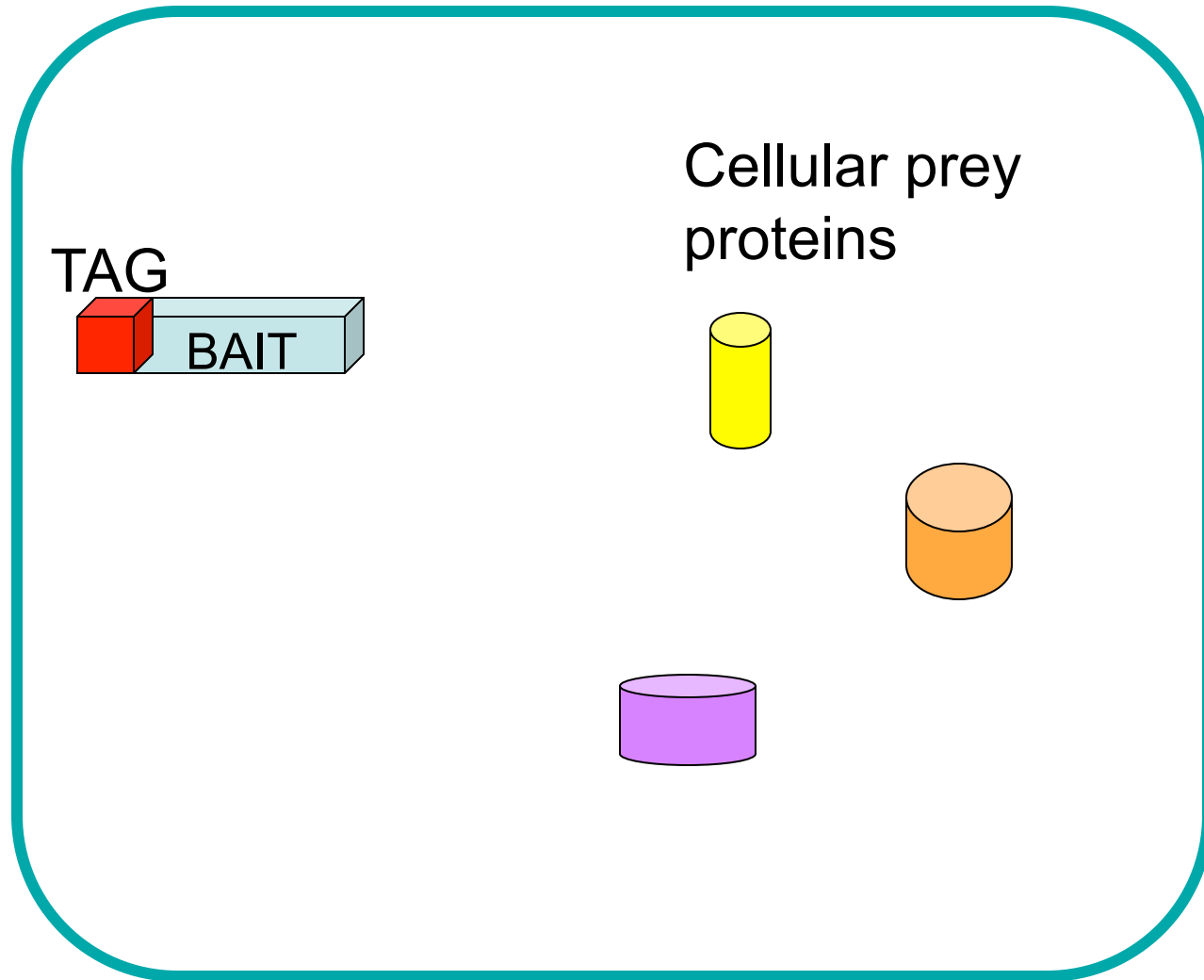
[Toggle Contaminants](#)

Bait FBgn ID(s): Taf5 FBgn0010356

[Help](#)

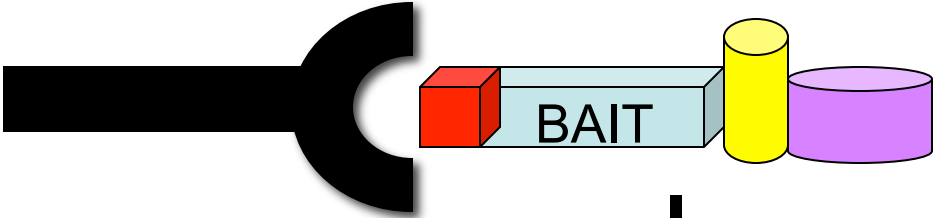
1	All	Unique Peptides	Total Peptides	Avg Xcorr	Avg Gene Redun	Reference	Name	FBgeneID	GO Biological Process	GO Molecular Function
14	16	2.775	0.00	Taf5-PA_FBgn0010356	Taf5-PA	<a href="#">FBgn0010356</a>	transcription initiation from RNA polymerase II promoter,positive regulation of transcription from RNA polymerase II promoter,regulation of transcription, DNA-dependent	general RNA polymerase II transcription factor activity		
6	6	2.729	0.00	CG1532-PA_FBgn0031143	CG1532-PA	<a href="#">FBgn0031143</a>				
5	5	3.730	0.00	CG7049-PA_FBgn0035102	CG7049-PA	<a href="#">FBgn0035102</a>				
2	2	2.960	0.00	CG4291-PA_FBgn0031287	CG4291-PA	<a href="#">FBgn0031287</a>	nuclear mRNA splicing, via spliceosome	nucleic acid binding,zinc ion binding,FH1 domain binding		

# TAP affinity chromatography mass-spec

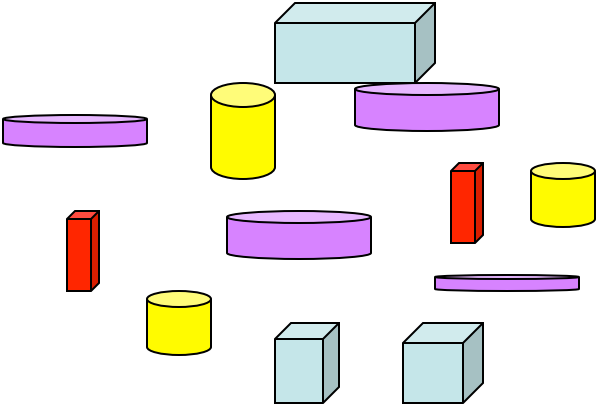


Cell transfected with BAIT construct

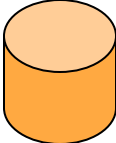
# Affinity purify bait and interactors



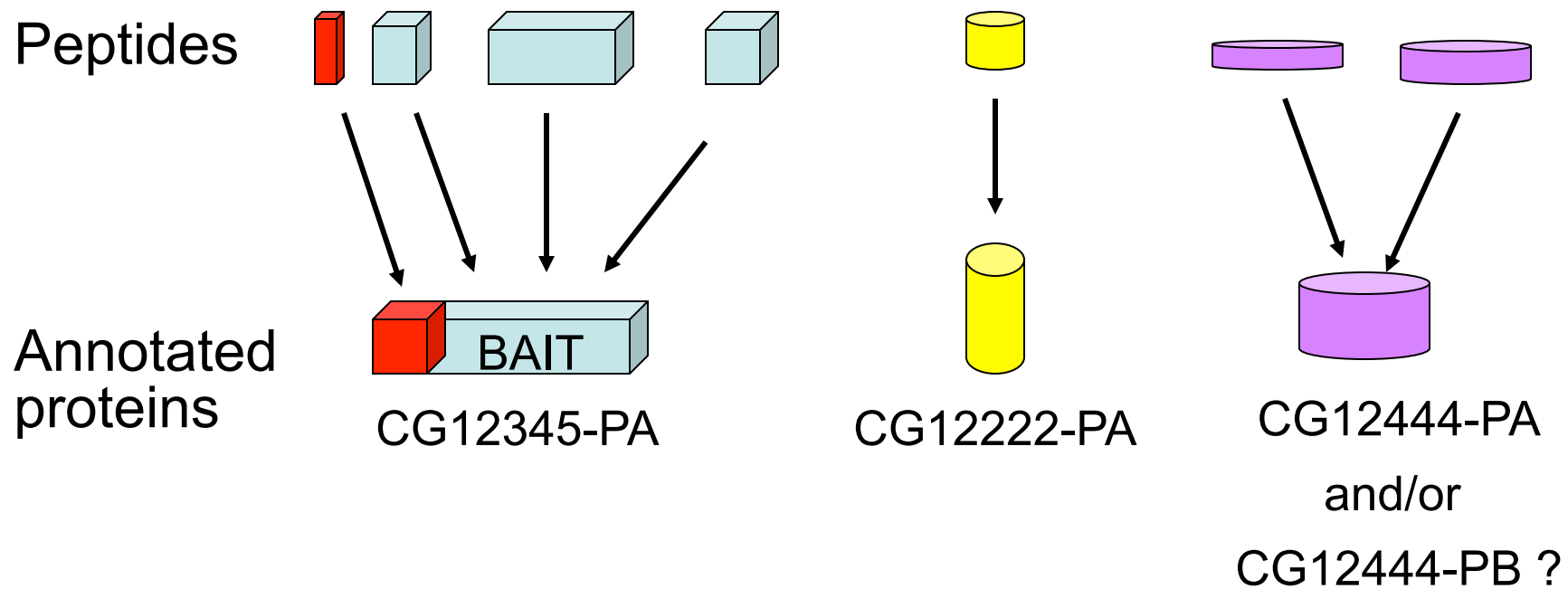
Digest



Bye, bye



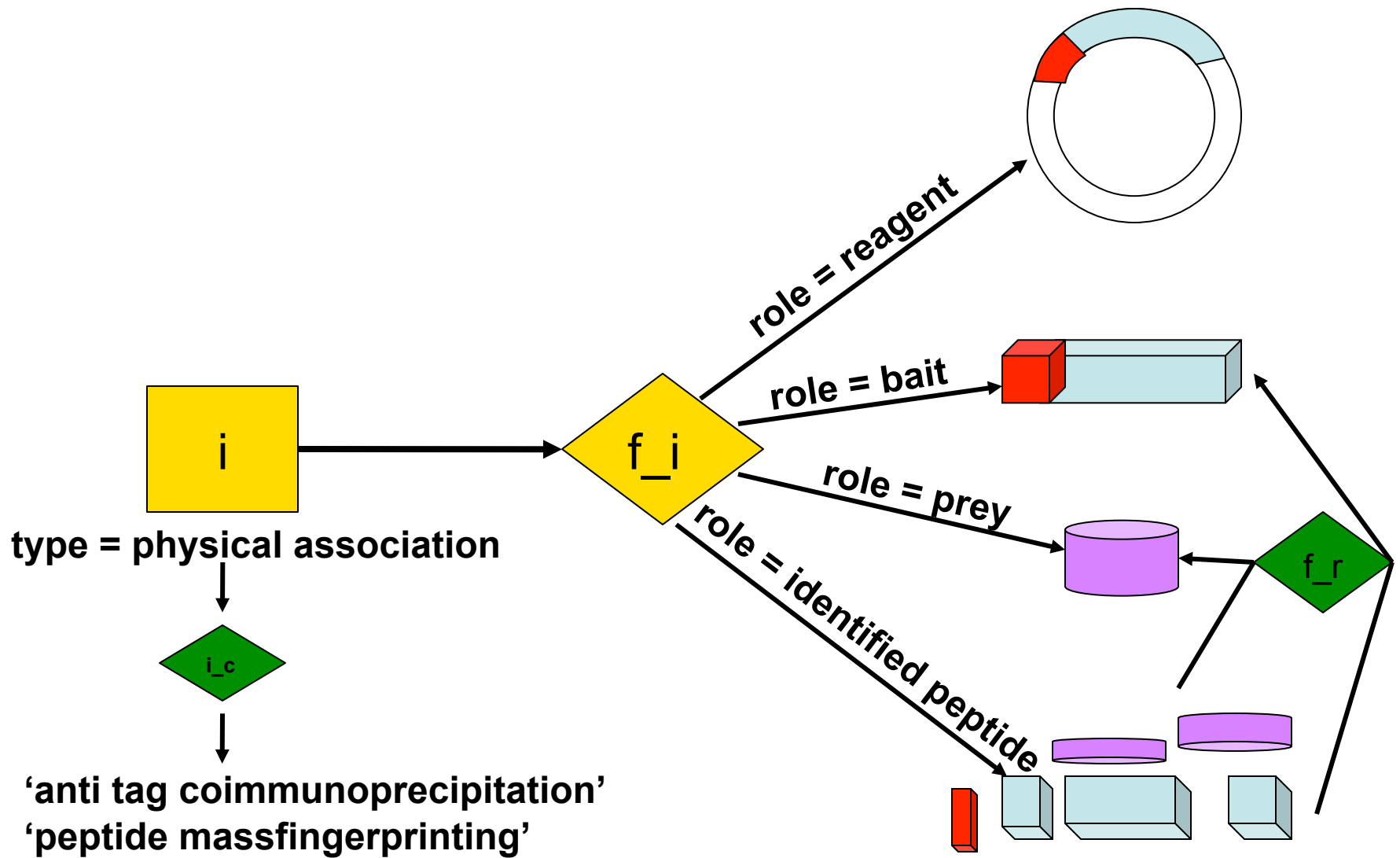
## Analysis and interaction inference



### Inferred Interactions

CG12345-PA interacts (direct/indirect) with a CG12222 protein

CG12345-PA interacts (direct/indirect) with a CG12444 protein



General Information			
Symbol	Dmel\Taf5	Species	<i>D. melanogaster</i>
Name	TBP-associated factor 5	Annotation symbol	CG7704
Feature type	<a href="#">protein_coding_gene</a>	FlyBase ID	FBgn0010356
Gene Model Status	Current	Stock availability	<a href="#">6 publicly available</a>
Also Known As	dTAF <sub>II</sub> 80, Taf80, TAF <sub>II</sub> 80, TFIID, dmTAF5, TAF <sub>II</sub> 80, p85, TAF <sup>II</sup> 80, TAF <sub>II</sub> 80/85		
Genomic Location			
Chromosome (arm)	2R	Recombination map	
Cytogenetic map	<a href="#">47C5-47C5</a>	Sequence location	2R:6,764,817..6,767,175 [-]
Genomic Maps			<input type="button" value="Decorated FastA"/> <input type="button" value="Get genome region"/>  <input type="button" value="Gene region"/> <input type="button" value="Get FastA"/>
Select View:	<input type="button" value="Gene Models/E"/> <input type="button" value="View in GBrowse"/>		
modENCODE	<a href="#">GBrowse</a>		
<input type="checkbox"/> Summary Information			
<input type="checkbox"/> Recent Updates			
<input type="checkbox"/> Detailed Mapping Data			
<input type="checkbox"/> Gene Model & Products			
<input type="checkbox"/> Expression Data			
<input type="checkbox"/> Alleles & Phenotypes			
<input type="checkbox"/> Gene Ontology: Function, Process & Cellular Component ( 8 unique terms )			
<input type="checkbox"/> Sequence Ontology: Class of Gene			
<input type="checkbox"/> Interactions & Pathways			
<input type="checkbox"/> Summary of Physical Interactions			
Protein-protein			
Interacting group	Assay	References	
<a href="#">Taf5 - CG1532</a>	anti tag coimmunoprecipitation, peptide massfingerprinting	<a href="#">(Mintseris et al., 2009.11.23)</a>	
<a href="#">Taf5 - CG4291</a>	anti tag coimmunoprecipitation, peptide massfingerprinting	<a href="#">(Mintseris et al., 2009.11.23)</a>	
<a href="#">Taf5 - CG7049</a>	anti tag coimmunoprecipitation, peptide massfingerprinting	<a href="#">(Mintseris et al., 2009.11.23)</a>	
<input type="checkbox"/> Summary of Genetic Interactions			
<input type="checkbox"/> External Data			
<input type="checkbox"/> Orthologs			
<input type="checkbox"/> Stocks & Reagents			
<input type="checkbox"/> Other Information			
<input type="checkbox"/> External Crossreferences & Linkouts			



Reported Interactions		Open All	Close All
FH353_1_1			
Reference	(Mintseris et al., 2009.11.23)		
Description	physical association		
Assay	anti tag coimmunoprecipitation, peptide massfingerprinting		
Collection	DPiM-1		
Source/Stage			
Cell line used			
<b>Participants</b>			
Corresponds to	Reported as	Role	Note
Taf5 protein	Taf5-PA	bait	
CG1532 protein	CG1532-PA	prey	
<b>Experimental entities</b>			
Corresponds to	Identifier	Reported	Note
LD42828	DPiM_LD42828	reagent	Bait tag fusion clone
Taf5 protein	GHVYPVWDVR	identified peptide	N=1
Taf5 protein	RQEVVADIVSK	identified peptide	N=1
Taf5 protein	ELDKESADINVR	identified peptide	N=2
Taf5 protein	SLMGHTGPVYR	identified peptide	N=1
Taf5 protein	HTSTVTTITFSR	identified peptide	N=1
Taf5 protein	FIDDDSFDAQHYEQAYK	identified peptide	N=1
Taf5 protein	YLHFDTYEGMAR	identified peptide	N=2
Taf5 protein	EVDFQTLTTPAPAPEEEDDDPDAP DRPK	identified peptide	N=1
Taf5 protein	QSAVTEANAAEELAK	identified peptide	N=1
Taf5 protein	LWATDSNQALR	identified peptide	N=1
Taf5 protein	DGTVLAAAGLDNNLTLWDFHK	identified peptide	N=1
Taf5 protein	NSPFVSLHFTR	identified peptide	N=2
Taf5 protein	TFVEDSLDIYK	identified peptide	N=1
CG1532 protein	LSYGEQQASLEITQISEPINR	identified peptide	N=1
CG1532 protein	VLEENEASVR	identified peptide	N=1
CG1532 protein	AAEHSYPVTQVSGK	identified peptide	N=1
CG1532 protein	KYWHDLLQLK	identified peptide	N=1
CG1532 protein	AAGGAILTPLITLDTPGK	identified peptide	N=1
CG1532 protein	NIEKDPFQPK	identified peptide	N=1
<b>Subregions with role in interaction</b>			
Corresponds to	Description	Role	Note
<b>Comments concerning this interaction</b>			
	SAMPLE ID:FH353		