TAB-DELIMITED TABLES TO PRODUCE THUMBNAILS AND FULL PDFs

TABLE_1: BinLOOKUP_modENCODE_FlyAtlas.txt		# RECORDS: 14
Column #	Description	Field_Type
1	Project_Name	Alphanumeric
2	BinID	Numeric
3	Disambiguated_BinID	Alphanumeric
4	Bin_Descriptive_Name	Alphanumeric
5	min RPKM or Mean Value	Numeric
6	max RPKM or Mean Value	Numeric

TABLE_2: HTD_modENCODE_BinData_2010-10-05.txt		# RECORDS: 664,905 = (45 Stages/Summs x 14,761 FBgn_IDs)
Column #	Description	Field_Type
1	Gelbart_Suggested_Collection_Name	Alphanumeric
2	Current_Collection_Name	Alphanumeric
3	FBgn_ID	Alphanumeric
4	Temporal_Stage_ID	Numeric
5	Temporal_Stage_Descriptive_Name	Alphanumeric
6	RPKM_Expression_Value	Numeric
7	BinID_Expression_Value	Numeric
8	Disambiguated_BinID_Expression_Value	Alphanumeric

TABLE_3: HTD_FlyAtlas_Unique_2010-10-05.txt		# RECORDS: 483,109 = (37 Tissues/Summs x 13,057 FBgn_IDs)
Column #	Description	Field_Type
1	Gelbart_Suggested_Collection_Name	Alphanumeric
2	FBgn_ID	Alphanumeric
3	Affy2_ProbeSet_ID	Alphanumeric
4	Tissue_ID	Alphanumeric
5	Tissue_Descriptive_Name	Alphanumeric
6	Mean Affy2_ProbeSet_Expression_Value	Numeric
7	BinID Expression Value	Numeric
8	Disambiguated_BinID_Expression_Value	Alphanumeric

TABLE_4: modENCODE_FlyAtlas_TextComments_2010-10-05.txt		# RECORDS: 14,805
Column #	Description	Field_Type
1	FBgn_ID	Alphanumeric
2	modENCODE_Temporal_Expression_Text	Alphanumeric
3	FlyAtlas_Tissue_Expression_Text	Alphanumeric
4	Affy2_ProbeSet_Gene_Intersection_Text	Alphanumeric

My suggestions for linking Tables 1-4 together:

Tables 2 and 3 should be linked to Table 4 through the FBgn_ID field
Table1 should be linked to Tables 2 and 3 through the Disambiguated_BinID field.

Table 4 contains the master list of all 14,805 FBgn_IDs from Dmel_Rel_5.26. All automatically generated text comments are in columns 2-4 of Table 4.

The 14,761 FBgn_IDs of Table 2 and the 13,057 FBgn_IDs of Table 3 are overlapping subsets of the 14,085 FBgn_IDs of Table 4. Each FBgn_ID of Table 4 is represented in Table 2 and/or Table 3.

PDFs from Dave corresponding to Tables 1,2,3,4 data:
01. pdf_sets_00001-01000.tar
02. pdf_sets_01001-02000.tar
03. pdf_sets_02001-03000.tar
04. pdf_sets_03001-04000.tar
05. pdf_sets_04001-05000.tar
06. pdf_sets_05001-06000.tar
07. pdf_sets_06001-07000.tar
08. pdf_sets_07001-08000.tar
09. pdf_sets_08001-09000.tar
10. pdf_sets_09001-10000.tar
11. pdf_sets_10001-11000.tar
12. pdf_sets_11001-12000.tar
13. pdf_sets_12001-13000.tar
14. pdf_sets_13001-14000.tar
15. pdf_sets_14001-14805.tar

Summary of modENCODE Temporal Stage Information			
Temporal Stage_ID	Temporal Stage Descriptive Name	TopoView ID	Additional Information
01	embryo_00-02hr	em0-2hr	--
02	embryo_02-04hr	em2-4hr	--
03	embryo_04-06hr	em4-6hr	--
04	embryo_06-08hr	em6-8hr	--
05	embryo_08-10hr	em8-10hr	--
06	embryo_10-12hr	em10-12hr	--
07	embryo_12-14hr	em12-14hr	--
08	embryo_14-16hr	em14-16hr	--
09	embryo_16-18hr	em16-18hr	--
10	embryo_18-20hr	em18-20hr	--
11	embryo_20-22hr	em20-22hr	--
12	embryo_22-24hr	em22-24hr	--
13	larva_L1	L1	--
14	larva_L2	L2	--
15	larva_L3_12hr_old	L3_12hr	--
16	larva_L3_puffstage_1-2	L3_PS1-2	--
17	larva_L3_puffstage_3-6	L3_PS3-6	--
18	larva_L3_puffstage_7-9	LS_PS7-9	--
19	white_prepupae_new	WPP	--
20	white_prepupae_12hr	WPP_12hr	--
21	white_prepupae_24hr	WPP_24hr	--
22	pupae_2d_postWPP	WPP_2days	--
23	pupae_3d_postWPP	WPP_3days	--
24	pupae_4d_postWPP	WPP_4days	--
25	adult_male_01day	AdM_Ecl_1days	--
26	adult_male_05day	AdM_Ecl_5days	--
27	adult_male_30day	AdM_Ecl_30days	--
28	adult_female_01day	AdF_Ecl_1days	--
29	adult_female_05day	AdF_Ecl_5days	--
30	adult_female_30day	AdF_Ecl_30days	--
101	Early_Embryonic_Peak	--	max Bin_ID of stages 01-03
102	EarlyMid_Embryonic_Peak	--	max Bin_ID of stages 04-06
103	LateMid_Embryonic_Peak	--	max Bin_ID of stages 07-09
104	Late_Embryonic_Peak	--	max Bin_ID of stages 10-12
105	Early_Larval_Peak	--	max Bin_ID of stages 13-15
106	Late_Larval_Peak	--	max Bin_ID of stages 16-18
107	Early_Pupal_Peak	--	max Bin_ID of stages 19-21
108	Late_Pupal_Peak	--	max Bin_ID of stages 22-24
109	Adult_Male_Peak	--	max Bin_ID of stages 25-27
110	Adult_Female_Peak	--	max Bin_ID of stages 28-30
201	All_Embryonic_Peak	--	max Bin_ID of stages 01-12
202	All_Larval_Peak	--	max Bin_ID of stages 13-18
203	All_Pupal_Peak	--	max Bin_ID of stages 19-24
204	All_Adult_Peak	--	max Bin_ID of stages 25-30
301	All_Stages_Peak	--	max Bin_ID of stages 01-30

Summary of FlyAtlas Tissue Anatomical Information		
Tissue_ID	Tissue Descriptive Name	Additional Information
AT_001	Adult_Head	--
AT_002	Adult_Eye	--
AT_003	Adult_Brain	--
AT_004	Adult_Thoracic-Abdominal_Ganglion	--
AT_005	Adult_Crop	--
AT_006	Adult_Midgut	--
AT_007	Adult_Hindgut	--
AT_008	Adult_Malpighian_Tubules	--
AT_009	Adult_Fat_Body	--
AT_010	Adult_Salivary_Gland	--
AT_011	Adult_Heart	--
AT_012	Adult_Carcass	--
AT_013	Adult_Ovary	--
AT_014	Adult_Testis	--
AT_015	Adult_VirginFemale_Spermatheca	--
AT_016	Adult_InseminatedFemale_Spermatheca	--
AT_017	Adult_Male_Accessory_Gland	--
LT_018	Larval_Central_Nervous_System	--
LT_019	Larval_Midgut	--
LT_020	Larval_Hindgut	--
LT_021	Larval_Malpighian_Tubules	--
LT_022	Larval_Fat_Body	--
LT_023	Larval_Salivary_Gland	--
LT_024	Larval_Trachea	--
LT_025	Larval_Carcass	--
SP_101	Adult_Central_Nervous_System_Peak	max Bin_ID of AT_003 & AT_004
SP_102	All_Central_Nervous_System_Peak	max Bin_ID of AT_003,AT_004 & LT_018
SP_103	All_Midgut_Peak	max Bin_ID of AT_006 & LT_019
SP_104	All_Hindgut_Peak	max Bin_ID of AT_007 & LT_020
SP_105	All_Malpighian_Tubules_Peak	max Bin_ID of AT_008 & LT_021
SP_106	All_Fat_Body_Peak	max Bin_ID of AT_009 & LT_022
SP_107	All_Salivary_Gland_Peak	max Bin_ID of AT_010 & LT_023
SP_108	Adult_Female_Reproductive_System_Peak	max Bin_ID of AT_013, AT_015 & AT_016
SP_109	Adult_Male_Reproductive_System_Peak	max Bin_ID of AT_014 & AT_017
SP_201	Adult_Tissue_Peak	max Bin_ID of AT_001 to AT_017
SP_202	Larval_Tissue_Peak	max Bin_ID of LT_018 to LT_025
SP_203	All_Tissue_Peak	max Bin_ID of AT_001 to LT_025

TAB-DELIMITED TABLES TO PRODUCE MULTIPLE_PROBESETS/GENE FLYATLAS GENE EXPRESSION REPORTS

TABLE_1: BinLOOKUP_modENCODE_FlyAtlas.txt		# RECORDS: 14
Column #	Description	Field_Type
1	Project_Name	Alphanumeric
2	BinID	Numeric
3	Disambiguated_BinID	Alphanumeric
4	Bin_Descriptive_Name	Alphanumeric
5	Fmin RPKM or Mean Value	Numeric
6	Fmax RPKM or Mean Value	Numeric

TABLE_5: HTD_FlyAtlas_Multiple_2010-10-05.txt		# RECORDS: 140,378 = (37 Tissues/Summs x 3,794 ProbeSet_IDs)
Column #	Description	Field_Type
1	Gelbart_Suggested_Collection_Name	Alphanumeric
2	FBgn_ID	Alphanumeric
3	Affy2_ProbeSet_ID	Alphanumeric
4	Tissue_ID	Alphanumeric
5	Tissue_Descriptive_Name	Alphanumeric
6	Mean Affy2_ProbeSet_Expression_Value	Numeric
7	BinID Expression Value	Numeric
8	Disambiguated_BinID_Expression_Value	Alphanumeric

TABLE_6: FlyAtlas_MultipleTextComments_2010-10-05.txt		# RECORDS: 3,794
Column #	Description	Field_Type
1	FBgn_ID	Alphanumeric
2	FlyAtlas_Tissue_Expression_Text	Alphanumeric
3	Affy2_ProbeSet_Gene_Intersection_Text	Alphanumeric

My suggestions for linking Tables 1,5,6 together:

Table 5 should be linked to Table 6 through the FBgn_ID field
Table1 should be linked to Tables 5 through the Disambiguated_BinID field.

Tables 5 and 6 have the identical 3,794 FBgn_IDs from Dmel_Rel_5.26.

PDFs from Dave corresponding to Tables 1,5,6
01. MultiFlyAtlas.tar