```
/*************************************************************************************************/
/* To merge different data sets and produce one SAS data set, use MERGE statment*/
/*************************************************************************************************/

libname here '.';
data here.allgene;

/*merge sub data sets treat, g6pt1, and etc. to one master data set called allgene */

  merge here.treat here.g6pt1 here.arg1 here.arg2 here.vcam1 here.pglyrp
here.ccl8 here.gatm here.scycia11 here.chia here.chi3l3 here.ccla3;
  by animal;
run;
proc print data=here.allgene;
run;
```


Obs	animal	treat	g6pt1	arg1	arg2	vcam1	pglyrp	ccl8	gatm	scycia11	chia	chi3l3	ccla3
1	$RNA		25.8884	26.0695	24.7684	21.4412	22.0113	22.9595	23.6552	22.9571	30.3284	22.6487	22.2833
2	$RT		.	.	.	.	.	.	.	.	.	.	.
3	$RT/CCl8		.	.	.	.	.	23.2619	.	.	.	.	.
4	$RT/G6pt		.	.	27.1946	26.0327	26.5534	26.1627	25.5919	25.6904	28.0555	28.0953	24.8876
5	$RT/ScyA		.	.	.	.	.	.	22.5856	.	.	.	.
6	126	OAc	25.8248	26.8253	24.8654	21.7851	24.8499	29.6735	26.2603	25.6997	26.0843	23.9025	22.5930
7	127	OA	27.6373	23.2558	27.1828	25.0411	24.2152	26.5556	26.4773	24.5493	23.4429	21.3487	14.0703
8	129	OAc	26.8823	27.0203	26.3265	25.0721	23.3774	33.0312	26.2028	26.1364	28.0315	25.3501	18.9978
9	130	OAc	27.2860	26.7209	26.1594	24.3969	21.9436	30.8071	26.3962	25.3858	27.8357	24.9176	17.0417
10	158	OA	26.7489	20.9571	24.9397	23.9358	26.0488	23.9444	23.5213	21.2947	21.5004	19.5761	14.8715
11	159	OA	26.3407	22.4650	25.6501	23.2412	25.8619	24.5235	24.2726	22.3292	22.5232	20.0582	15.4648
12	15925.35		.	.	.	.	.	.	.	.	.	.	.
13	160	OAc	26.5337	26.3837	24.0056	.	.	.	26.9379	.	.	.	.
14	160	OAc	26.5337	26.3837	24.0056	.	.	.	26.9379	.	.	.	.
15	160d		.	.	.	24.5291	22.2348	.	.	.	.	.	.
16	160dnew		.	.	.	.	.	25.5587	.	27.3662	26.0468	24.5774	17.2417
17	161	OAc	26.7584	26.7015	24.8993	22.7831	25.0826	28.8152	25.3356	24.3350	24.1009	21.6552	18.3480
18	165	OA	28.6324	23.5798	27.9301	26.5291	25.8176	25.1122	26.8915	23.2183	23.1800	21.2634	16.0043
19	166	OA	.	21.9054	.	25.3591	24.6505	20.5628	24.9998	23.9826	25.9702	20.7756	17.5849
20	166/G6pt		.	.	.	.	.	.	26.3967	.	.	.	.
21	167	OAc	27.4822	27.6178	25.8754	23.8680	23.6937	29.5352	26.0140	24.8596	25.5598	22.0822	20.9765
22	169	OA	28.2505	20.2480	25.5728	24.6261	26.6328	23.3215	23.7557	20.6051	21.9094	17.6910	14.5625
23	174	OAc	27.0229	27.5982	25.8326	24.5246	26.1252	31.4998	26.5905	24.5824	24.1648	22.9555	25.1681
24	178	OA	26.8712	21.5316	24.5732	23.0131	24.3413	24.0272	23.9279	20.6199	20.3286	16.6849	13.8192
25	212	TMAc	27.4860	27.6005	26.4139	23.8237	26.8353	32.4098	26.9794	25.8742	25.8655	23.3250	23.3539
26	213	TMAc	27.3688	27.6660	26.3057	23.5357	27.2585	31.4427	25.5346	25.5565	24.4121	22.5672	29.1193
27	216	TMAc	27.4908	27.4918	25.9574	23.8503	26.6230	30.9970	25.6836	26.6373	24.5536	21.7305	22.7790
28	218	TMA	27.7961	24.9284	26.9719	25.4427	24.6956	25.1427	27.4669	26.6460	26.2603	23.3797	17.4788
29	219	TMA	27.5752	24.6855	26.3396	25.0520	26.4379	26.9004	26.1615	24.7774	24.3710	19.6145	16.5526
30	256	TMAc	27.1341	26.5149	26.0454	23.2565	23.6648	29.8233	25.9662	23.8408	25.1689	22.4362	19.9031
31	270	TMAc	25.7986	27.5658	24.7064	22.4800	25.5353	30.0766	26.7335	25.1464	26.0794	21.8688	24.9840
32	270RNA		.	.	.	.	.	29.0431	.	.	.	.	.
33	271	TMAc	26.7287	27.8797	25.9868	23.4388	26.4435	30.6201	27.0220	24.8469	25.9690	23.2856	21.7397
34	273	TMA	26.9915	23.8559	25.7116	23.5172	25.8049	26.2591	24.9503	22.8819	22.8079	18.7932	15.6841
35	274	TMA	26.3842	25.6123	25.3084	22.8002	26.4355	26.7127	25.3130	23.0774	23.1362	18.5389	16.5922
36	277	TMA	28.5126	24.0709	25.2903	23.8932	25.8174	24.9448	25.7617	23.0947	23.6685	17.8124	15.9659
37	294	TMA	27.6631	27.3229	27.0527	25.6451	27.2907	28.4283	25.6827	25.1394	24.6471	18.3839	18.4650
38	295	TMA	27.8789	27.0251	25.6404	24.2067	26.1407	27.9546	26.7769	25.4655	26.7752	20.3101	18.0739
39	299	TMAc	26.6514	26.7680	25.1538	23.2964	25.1610	31.1079	25.9562	25.6822	24.8291	20.6726	23.6867
40	B5		.	.	.	24.3088	22.6967	31.2516	26.6117	25.5254	26.3612	24.6564	17.2104
41	NT		.	.	.	.	.	.	.	.	.	.	.