

**Data Set Name: betafat\_screendata.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	DIABETES	Num	8	diabetes status at the time of screening
4	gluc000s	Num	8	Glucose 0 min (mg/dl)
5	gluc120s	Num	8	Glucose 120 min (mg/dl)
6	hba1c_screen	Num	8	HBA1C

**Data Set Name: risebetafat\_basedata.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	RISE_REPOSITORY_ID	Char	9	RISE ID for NIDDK release datasets. Randomly assigned.
2	AGEGROUP	Char	5	Age group (years) at randomization collapsed into three groups.
3	TREATMENT	Char	23	Randomized treatment assignment.
4	RACE	Num	8	Self-reported Race/Ethnicity (1=Non-Hispanic White, 2=All other)
5	SEX	Num	8	Sex (1=Male, 2=Female)

**Data Set Name: risebetafat\_vitalsigndata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE ID for NIDDK release datasets. Randomly assigned.
2	VISIT	Char	3	Visit Month Vital Sign Taken
3	DAYSRAND	Num	8	The number of days a particular visit occurred after randomization
4	SBP	Num	8	Systolic Blood Pressure (mmHg)
5	DBP	Num	8	Diastolic Blood Pressure (mmHg)
6	WEIGHT	Num	8	Weight (kg)
7	HEIGHT	Num	8	Height (cm)

**Data Set Name: *betafat\_basedata.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	treatment	Char	23	Treatment Text
2	sex	Num	8	Sex (1=Male, 2=Female)
3	RACE	Num	8	Race/Ethnicity 1=White 2=Other
4	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
5	agegroup	Char	3	
6	RANDPER	Num	8	Period of Randomization

**Data Set Name: betafat\_clampdata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	gluc120	Num	8	Clamp Glucose 120 min (mg/dl)
4	gluc_10	Num	8	Clamp Glucose -10 min (mg/dl)
5	gluc_05	Num	8	Clamp Glucose -5 min (mg/dl)
6	gluc010	Num	8	Clamp Glucose 10 min (mg/dl)
7	gluc030	Num	8	Clamp Glucose 30 min (mg/dl)
8	gluc060	Num	8	Clamp Glucose 60 min (mg/dl)
9	gluc090	Num	8	Clamp Glucose 90 min (mg/dl)
10	ins_10	Num	8	Clamp Insulin -10 min (uU/ml)
11	ins_05	Num	8	Clamp Insulin -5 min (uU/ml)
12	ins010	Num	8	Clamp Insulin 10 min (uU/ml)
13	ins030	Num	8	Clamp Insulin 30 min (uU/ml)
14	ins060	Num	8	Clamp Insulin 60 min (uU/ml)
15	ins090	Num	8	Clamp Insulin 90 min (uU/ml)
16	ins120	Num	8	Clamp Insulin 120 min (uU/ml)
17	cpep_10	Num	8	Clamp C-peptide -10 min (ng/ml)
18	cpep_05	Num	8	Clamp C-peptide -5 min (ng/ml)
19	cpep010	Num	8	Clamp C-peptide 10 min (ng/ml)
20	cpep030	Num	8	Clamp C-peptide 30 min (ng/ml)
21	cpep060	Num	8	Clamp C-peptide 60 min (ng/ml)
22	cpep090	Num	8	Clamp C-peptide 90 min (ng/ml)
23	cpep120	Num	8	Clamp C-peptide 120 min (ng/ml)
24	gluc002	Num	8	Clamp Glucose 2 min (mg/dl)
25	gluc004	Num	8	Clamp Glucose 4 min (mg/dl)
26	gluc006	Num	8	Clamp Glucose 6 min (mg/dl)
27	gluc008	Num	8	Clamp Glucose 8 min (mg/dl)
28	gluc100	Num	8	Clamp Glucose 100 min (mg/dl)
29	gluc110	Num	8	Clamp Glucose 110 min (mg/dl)
30	gluc155	Num	8	Clamp Glucose 155 min (mg/dl)
31	gluc159	Num	8	Clamp Glucose 159 min (mg/dl)
32	gluc162	Num	8	Clamp Glucose 162 min (mg/dl)
33	gluc163	Num	8	Clamp Glucose 163 min (mg/dl)
34	gluc164	Num	8	Clamp Glucose 164 min (mg/dl)
35	gluc165	Num	8	Clamp Glucose 165 min (mg/dl)
36	ins002	Num	8	Clamp Insulin 2 min (uU/ml)

Num	Variable	Type	Len	Label
37	ins004	Num	8	Clamp Insulin 4 min (uU/ml)
38	ins006	Num	8	Clamp Insulin 6 min (uU/ml)
39	ins008	Num	8	Clamp Insulin 8 min (uU/ml)
40	ins100	Num	8	Clamp Insulin 100 min (uU/ml)
41	ins110	Num	8	Clamp Insulin 110 min (uU/ml)
42	ins155	Num	8	Clamp Insulin 155 min (uU/ml)
43	ins159	Num	8	Clamp Insulin 159 min (uU/ml)
44	ins162	Num	8	Clamp Insulin 162 min (uU/ml)
45	ins163	Num	8	Clamp Insulin 163 min (uU/ml)
46	ins164	Num	8	Clamp Insulin 164 min (uU/ml)
47	ins165	Num	8	Clamp Insulin 165 min (uU/ml)
48	cpep002	Num	8	Clamp C-peptide 2 min (ng/ml)
49	cpep004	Num	8	Clamp C-peptide 4 min (ng/ml)
50	cpep006	Num	8	Clamp C-peptide 6 min (ng/ml)
51	cpep008	Num	8	Clamp C-peptide 8 min (ng/ml)
52	cpep100	Num	8	Clamp C-peptide 100 min (ng/ml)
53	cpep110	Num	8	Clamp C-peptide 110 min (ng/ml)
54	cpep155	Num	8	Clamp C-peptide 155 min (ng/ml)
55	cpep159	Num	8	Clamp C-peptide 159 min (ng/ml)
56	cpep162	Num	8	Clamp C-peptide 162 min (ng/ml)
57	cpep163	Num	8	Clamp C-peptide 163 min (ng/ml)
58	cpep164	Num	8	Clamp C-peptide 164 min (ng/ml)
59	cpep165	Num	8	Clamp C-peptide 165 min (ng/ml)
60	GIR	Num	8	Glucose infusion rate as mg/min (infrate*(D20gluc/100))
61	insulin_steady	Num	8	SS insulin (uU/ml)
62	M_I	Num	8	M/I * 1000 (mg/kg/min/pg/L)
63	cpeptide_steady	Num	8	Clamp C-Peptide at steady state (ng/dL)
64	ACPRmax	Num	8	ACPRmax incremental mean (cpeptide)
65	airmax	Num	8	AIRmax incremental mean (Insulin)
66	ACPRg	Num	8	Clamp ACPRg, (ng/dL)
67	AIRg	Num	8	AIRg (Insulin)
68	glucagon100	Num	8	Clamp Glucagon 100 min (pM/L)
69	glucagon110	Num	8	Clamp Glucagon 110 min (pM/L)
70	glucagon155	Num	8	Clamp Glucagon 155 min (pM/L)
71	glucagon159	Num	8	Clamp Glucagon 159 min (pM/L)
72	glucagon162	Num	8	Clamp Glucagon 162 min (pM/L)
73	glucagon163	Num	8	Clamp Glucagon 163 min (pM/L)
74	glucagon164	Num	8	Clamp Glucagon 164 min (pM/L)
75	glucagon165	Num	8	Clamp Glucagon 165 min (pM/L)

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
76	glucagon_10	Num	8	Clamp Glucagon -10 min (pM/L)
77	glucagon_05	Num	8	Clamp Glucagon -5 min (pM/L)
78	glucagon120	Num	8	Clamp Glucagon 120 min (pM/L)

**Data Set Name: betafat\_ogttdata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	gluc120	Num	8	OGTT Glucose 120 min (mg/dl)
4	gluc_10	Num	8	OGTT Glucose -10 min (mg/dl)
5	gluc_05	Num	8	OGTT Glucose -5 min (mg/dl)
6	gluc010	Num	8	OGTT Glucose 10 min (mg/dl)
7	gluc020	Num	8	OGTT Glucose 20 min (mg/dl)
8	gluc030	Num	8	OGTT Glucose 30 min (mg/dl)
9	gluc060	Num	8	OGTT Glucose 60 min (mg/dl)
10	gluc090	Num	8	OGTT Glucose 90 min (mg/dl)
11	gluc150	Num	8	OGTT Glucose 150 min (mg/dl)
12	gluc180	Num	8	OGTT Glucose 180 min (mg/dl)
13	ins_10	Num	8	OGTT Insulin -10 min (uU/ml)
14	ins_05	Num	8	OGTT Insulin -5 min (uU/ml)
15	ins010	Num	8	OGTT Insulin 10 min (uU/ml)
16	ins020	Num	8	OGTT Insulin 20 min (uU/ml)
17	ins030	Num	8	OGTT Insulin 30 min (uU/ml)
18	ins060	Num	8	OGTT Insulin 60 min (uU/ml)
19	ins090	Num	8	OGTT Insulin 90 min (uU/ml)
20	ins120	Num	8	OGTT Insulin 120 min (uU/ml)
21	ins150	Num	8	OGTT Insulin 150 min (uU/ml)
22	ins180	Num	8	OGTT Insulin 180 min (uU/ml)
23	cpep_10	Num	8	OGTT C-peptide -10 min (ng/mL)
24	cpep_05	Num	8	OGTT C-peptide -5 min (ng/mL)
25	cpep010	Num	8	OGTT C-peptide 10 min (ng/mL)
26	cpep020	Num	8	OGTT C-peptide 20 min (ng/mL)
27	cpep030	Num	8	OGTT C-peptide 30 min (ng/mL)
28	cpep060	Num	8	OGTT C-peptide 60 min (ng/mL)
29	cpep090	Num	8	OGTT C-peptide 90 min (ng/mL)
30	cpep120	Num	8	OGTT C-peptide 120 min (ng/mL)
31	cpep150	Num	8	OGTT C-peptide 150 min (ng/mL)
32	cpep180	Num	8	OGTT C-peptide 180 min (ng/mL)
33	glucagon030	Num	8	OGTT Glucagon 30 min (pM/L)
34	glucagon060	Num	8	OGTT Glucagon 60 min (pM/L)
35	glucagon090	Num	8	OGTT Glucagon 90 min (pM/L)
36	glucagon150	Num	8	OGTT Glucagon 150 min (pM/L)



<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	glucagon180	Num	8	OGTT Glucagon 180 min (pM/L)
38	glucagon_10	Num	8	OGTT Glucagon -10 min (pM/L)
39	glucagon_05	Num	8	OGTT Glucagon -5 min (pM/L)
40	glucagon010	Num	8	OGTT Glucagon 10 min (pM/L)
41	glucagon020	Num	8	OGTT Glucagon 20 min (pM/L)
42	glucagon120	Num	8	OGTT Glucagon 120 min (pM/L)
43	IGI	Num	8	IGI, early insulin response
44	CPGI	Num	8	CPGI, Early cpeptide response

**Data Set Name: *betafat\_otherlabdata.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	HbA1c	Num	8	HbA1c (%)
4	LDL	Num	8	LDL (mg/dL)
5	HDL	Num	8	HDL (mg/dL)
6	Chol	Num	8	Cholesterol (mg/dL)
7	Trig	Num	8	Triglycerides (mg/dL)
8	VLDL	Num	8	VLDL (mg/dL)