

## SUPPLEMENTARY TABLES

**Supplementary Table 1. The data selected from GSE90028.**

	Number of subjects	Accession numbers
Control	16	GSM2395967, GSM2395968, GSM2395969, GSM2395970, GSM2395971, GSM2395972, GSM2395973, GSM2395974, GSM2395984, GSM2395985, GSM2395986, GSM2395987, GSM2395988, GSM2395989, GSM2395990, GSM2395991,
T2DM	7	GSM2395951, GSM2395952, GSM2395953, GSM2395954, GSM2395955, GSM2395956, GSM2395957,
SUM	23	

Note: Control: healthy individuals; T2DM: type 2 diabetes mellitus patients.

**Supplementary Table 2. The data selected from GSE25402.**

	Obesity status	Age	Number of subjects	Accession numbers
Non-obese 1	Non-obese	< 40	11	GSM625476, GSM625505, GSM625478, GSM625513, GSM625516, GSM625502, GSM625468, GSM625494, GSM625490, GSM625467, GSM625477
Obese 1	Obese	< 40	13	GSM625504, GSM625488, GSM625473, GSM625480, GSM625503, GSM625514, GSM625469, GSM625487, GSM625517, GSM625474, GSM625508, GSM625486, GSM625515
Non-obese 2	Non-obese	> 40	14	GSM625475, GSM625499, GSM625462, GSM625497, GSM625495, GSM625498, GSM625496, GSM625465, GSM625464, GSM625472, GSM625500, GSM625463, GSM625491, GSM625493
Obese 2	Obese	> 40	16	GSM625484, GSM625485, GSM625511, GSM625482, GSM625509, GSM625501, GSM625506, GSM625512, GSM625507, GSM625479, GSM625489, GSM625510, GSM625492, GSM625471, GSM625470, GSM625466
	Nonobese		25	
	Obese		29	
		<40	24	
		>40	30	
Sum			54	