

Table S1. Area and intensity of Raman spectra peaks of pork backfat

Pig breeds	Output	Peak, cm^{-1}				
		960-980	1260-1280	1290-1310	1420-1470	1720-1760
A	Area	32863±6491 ^a	94009±28975 ^a	238663±8643	868534±143950	89433±44072
	Intensity	2958±366 ^a	11524±1157 ^a	19052±932	30236±28	4572±235 ^a
D	Area	14867±8002 ^b	61144±60945	191120±7646 ^a	754474±464776	83968±38212
	Intensity	2959±1516 ^a	9817±2824 ^c	18673±2463 ^a	31093±1852	3846±476 ^b
L	Area	16408±1133 ^b	26789±7738 ^b	278295±7573 ^b	914833±158254	106970±644
	Intensity	1355±29 ^b	6951±189 ^{b,d}	20999±773 ^b	30185±232	4174±99
M	Area	21309±3231 ^b	62617±22774	250018±1174 ^b	765778±176441	108650±5027
	Intensity	1755±248 ^b	8324±761 ^b	19272±786	30154±198	4218±217

* a-b, c-d– Different letters indicate statistically significant differences ($p \leq 0.05$)