Dear Editor,

Please find enclosed the manuscript entitled 'A study of the relationships between LKLF polymorphisms and body weight control in a French population' we would like to publish in BMC Medical Genetics as a research article.

The genetic variability of the LKLF gene, a transcription factor involved in adipocyte differentiation, has not been studied yet. We searched for common polymorphisms in the LKLF gene and explored the impact of two of these polymorphisms on obesity-related traits in a large sample of French men and women. Although we did not find any significant associations with the anthropometric variables, we believe our data are interesting in the field of the genetics of obesity.

Kind regards,

Aline Meirhaeghe