Thesis Abstract

Functional analysis of pollutant nicotine-*CHRNA1* and identification of prognosis-related genes in melanoma using zebrafish and *in silico* approaches

(ゼブラフィッシュとインシリコ系を用いた、メラノーマにおけるニコチン - ニコチン性アセチルコリン受容体 A1 の機能解析と予後関連遺伝子の同定)

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Content of the thesis