**Authors’ contributions**

All authors have made substantial contributions to this article: ShichengGuo and JiuCun Wang, Li Jin, Jibin Xucontributed to the conception, design and final approval of the submitted version. ShichengGuo, Lixing Tan, KuanXu, JunJie Wu, Jinhui Wu contributed to the meta-analysis and interpretation of data,ShichengGuo and WeilinPu contributed to the TCGA NSCLC data analysis, All authors read and approved the final manuscript.