

ゲノム解析研究部 論文(2023 年)

【英語論文】

原著論文

- 1 . Hatakeyama K, Nagashima T, Ohshima K, Ohnami S, Ohnami S, Shimoda Y, Naruoka A, Maruyama K, Iizuka A, Ashizawa T, Kenmotsu H, Mochizuki T, Urakami K, Akiyama Y, Yamaguchi K. Impact of somatic mutations and transcriptomic alterations on cancer aneuploidy. *Biomed Res.* 2023;44(5):187-197.
- 2 . Takahashi N, Hatakeyama K, Nagashima T, Ohshima K, Urakami K, Yamaguchi K, Hirashima Y. Characterization of rare histological subtypes of ovarian cancer based on molecular profiling. *Cancer Med.* 2023 Jan;12(1):387-395.
- 3 . Imamura T, Ashida R, Ohshima K, Uesaka K, Sugiura T, Ohgi K, Yamada M, Otsuka S, Hatakeyama K, Nagashima T, Sugino T, Urakami K, Akiyama Y, Yamaguchi K. Characterization of pancreatic cancer with ultra-low tumor mutational burden. *Sci Rep.* 2023 Mar 16;13(1):4359.
- 4 . Koseki Y, Hatakeyama K, Terashima M, Nagashima T, Urakami K, Ohshima K, Aizawa D, Sugino T, Furukawa K, Fujiya K, Tanizawa Y, Bando E, Okamura Y, Akiyama Y, Yamaguchi K. Molecular profile of poorly cohesive gastric carcinoma with special reference to survival. *Gastric Cancer.* 2023 Jul;26(4):553-564.
- 5 . Ohshima K, Nagashima T, Fujiya K, Hatakeyama K, Watanabe Y, Morimoto K, Kamada F, Shimoda Y, Ohnami S, Naruoka A, Serizawa M, Ohnami S, Kenmotsu H, Shiomi A, Tsubosa Y, Bando E, Sugiura T, Sugino T, Terashima M, Uesaka K, Urakami K, Akiyama Y, Yamaguchi K. Whole-genome and Epigenomic Landscapes of Malignant Gastrointestinal Stromal Tumors Harboring *KIT* Exon 11 557-558 Deletion Mutations. *Cancer Res Commun.* 2023 Apr 24;3(4):684-696.
- 6 . Matsubayashi H, Oishi T, Sasaki K, Abe M, Kiyozumi Y, Higashigawa S, Niiya F, Sato J, Ishiwatari H, Imai K, Hotta K, Kishida Y, Takada K, Ono H, Yamazaki K, Yasui H, Kenmotsu H, Kado N, Kagawa H, Shiomi A, Sugiura T, Bando E, Nishimura S, Hatakeyama K, Serizawa M, Harada R, Sugino T. Discordance of microsatellite instability and mismatch repair immunochemistry occurs depending on the cancer type. *Hum Pathol.* 2023 May;135:54-64.
- 7 . Nanishi K, Hino H, Hatakeyama K, Shiomi A, Kagawa H, Manabe S, Yamaoka Y, Nagashima T, Ohshima K, Urakami K, Akiyama Y, Yamaguchi K. Incidence and clinical significance of 491 known fusion genes in a large cohort of Japanese patients with colorectal cancer. *Int J Clin Oncol.* 2023 Jun;28(6):785-793
- 8 . Ikegame K, Hatakeyama K, Terashima M, Sugino T, Aizawa D, Furukawa K, Fujiya K, Tanizawa Y, Bando E, Yamaguchi K. Molecular profiling of gastric neuroendocrine carcinomas. *Eur J Surg Oncol.* 2023 Jul 13:106987.

9. Nagashima T, Urakami K, Shimoda Y, Ohshima K, Serizawa M, Hatakeyama K, Ohnami S, Ohnami S, Naruoka A, Horiuchi Y, Iizuka A, Maruyama K, Akiyama Y, Yamaguchi K. Comparative analysis of tumor content estimation methods based on simulated tumor samples identified their impact on somatic variant detection in cancer whole genome sequencing. *Biomed Res.* 2023;44(4):161-171.

【共同研究 英語論文】

原著論文

1. Takahashi N*, Hatakeyama K*, Nagashima T, Ohshima K, Urakami K, Yamaguchi K, Hirashima Y. Characterization of rare histological subtypes of ovarian cancer based on molecular profiling. *Cancer Med.* 2023;12(1):387-395. (* 共同第一著者)