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**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 65881

**Manuscript Type:** CASE REPORT

**FGFR2-TSC22D1, a Novel FGFR2 Fusion Gene Identified in a Patient with colorectal cancer: case report**

A novel FGFR2 fusion in CRC

Xiao-ming Kao, Xi Zhu, Jun-ling Zhang, Shi-qing Chen, Chao-gang Fan

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**FGFR2 gene**: MedlinePlus Genetics

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## FGFR2 | Cancer Genetics Web

[cancer-genetics.org/FGFR2.htm](https://cancer-genetics.org/FGFR2.htm) ▾

Gao XH, Yu GY, Hong YG, et al. Clinical significance of multiple **gene** detection with a 22-**gene** panel in formalin-fixed paraffin-embedded specimens of 207 **colorectal cancer patients**. Int J Clin Oncol. 2019...

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### FGFR2 | Cancer Genetics Web

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## Fibroblast Growth Factor Receptor 2



Fibroblast growth factor receptor 2 (FGFR2) also known as CD332 (cluster of differentiation 332) is a protein that in humans is encoded by the FGFR2 gene residing on chromosome 10. FGFR2 is a receptor for fibroblast growth factor.

Wikipedia

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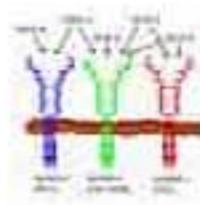
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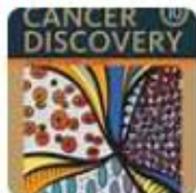
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## Clinicogenomic Analysis of FGFR2 ... - Cancer Discovery

<https://cancerdiscovery.aacrjournals.org/content/11/2/326> ▾

Feb 01, 2021 · In a second report, Krook and colleagues identified an FGFR2-KIAA1598 fusion-positive patient treated with infigratinib who developed both the FGFR2 ...

Cited by: 11

Author: Ian M. Silverman, Antoine Hollebec...

Publish Year: 2021

## The Fusion Gene Landscape in Taiwanese Patients with Non ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8002233>

Mar 16, 2021 · In this study, we identified known and novel fusion genes present in NSCLC patients using RNA-Seq and integrated gene expression, mutation, and fusion annotation data. Expression levels increased with ASXL1 (tumor suppressor gene), CACNA1A, EEF1A1, and RET (three oncogenes) fusions. The tumor grade and age were associated with fusion genes ...

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## 2263 - Gene ResultFGFR2 fibroblast growth factor receptor ...

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The SNP maps 85 kb from the nearest gene encoding fibroblast growth factor receptor 2 (FGFR2) making this a potential susceptibility gene for schizophrenia. Two novel mutations in FGFR2 in the two patients in whom a mutation had not previously been found in the ...

## The Landscape of Actionable Gene Fusions in Colorectal Cancer