



Can I combine the *iCS-digital*[™] assay range with the *Stem-Seq*[™] panel?

These are **complementary assays** that together will strengthen your stem cell workflow genomic stability. The *iCS-digital*[™] range is ideal for regular in-process checks during amplification and maintenance and detects **CNVs**. As for the *Duo iCS-Karyo*, it will de facto detect CNVs, but will also show **aneuploidies** or chromosomal structural abnormalities such as **translocations and inversions**. The *Stem-Seq*[™] panel range will complement these two tests at acquisition, banking characterization or end of workflow. It will identify potential **SNVs** (punctual mutations) and **small insertions/deletions** (indels).

What is the difference between the two levels of reports available?

The first level of reporting is **automatically interpreted**. The variants identified are classified according to the ACMG (American College of Medical Genetics and Genomics) criteria. The second level of reporting is called **"fully interpreted"** according to the following internal classification: in-silico variant interpretation (the ACMG classification), analysis of specialized databases, manual validation of predictions and review against scientific publications by a stem cell research scientist.

How much does it cost?

The price will depend on the **level of interpretation** you require for the reports. Discounts are also available for large volume orders.

Is the assay relevant to all stem cell types?

The *Stem-Seq*[™] Panel has been designed to provide **pertinent information to all stem cell scientists working on human stem cells**. It is particularly suited to pluripotent stem cell scientists who encounter the highest level of mutations in their cells.

For research use only.

For more information,
please contact us at

✉ sales@stemgenomics.com

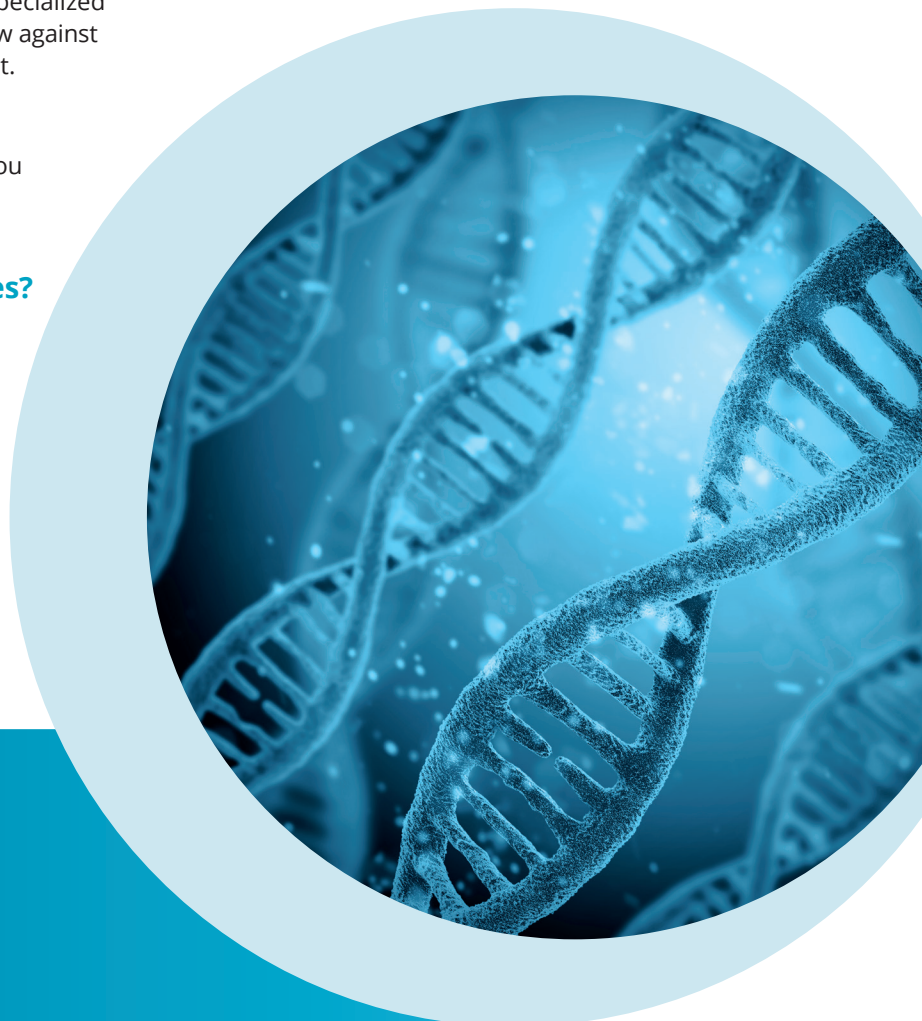
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Is there an NGS solution able to also detect CNVs in stem cells?

We have a **brand new solution** that will do that for you. For more information, contact us directly for a detailed presentation of the solution.

Is your assay range focused on genomic stability or can you support stem cell researchers with other useful assays that we can integrate into our QC?

In accordance with the **ISSCR's latest quality standard** recommendations, we strongly recommend regularly checking the **identity** of your stem cells during their time in culture with our **STR assay**. **Mycoplasma** testing is also critical for robust science and we have a digital PCR solution called *Myco-digital* that can do that for you.



Stem Genomics

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