

Supplementary Data 1: STR analysis PMP-derived CAF culture

SOP_APG_Zelllinienauthentizität_A04_3.0



Analytical Report:
Cell Line Authentication Test
Order ID: 11109469361

Person in charge: Dr. Torsten Brendel
Report date: 21.08.2025
Sample received on: 07.08.2025
Start / End of Analysis: 07.08.2025/21.08.2025

Method:
DNA isolation was carried out from cell pellet (cell layer).
Genetic characteristics were determined by PCR-single-locus-technology.
16 independent PCR-systems D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, AMEL, D5S818, FGA, D19S433, vWA, TPOX and D18S51 were investigated.
(ASN-0002 core markers are colored grey, Thermo Fisher, AmpFISTR® Identifier® Plus PCR Amplification Kit)
In parallel, positive and negative controls were carried out yielding correct results.
Method details are given in SOP APG Zelllinienauthentizität 3.0 15.04.2024

Result:

Client Sample Name	PMP6
Sample Code	CL00019910
D8S1179	8,13
D21S11	31,31
D7S820	8,9
CSF1PO	9,11
D3S1358	15,17
TH01	9,9.3
D13S317	8,9
D16S539	11,14
D2S1338	20,25
D19S433	13,14
vWA	16,16
TPOX	8,8
D18S51	16,17
AMEL	X,X
D5S818	11,12
FGA	20,25
Database Name	*

The table shows the result of the cell line analysis and the comparison with the online database of the DSMZ (<http://www.dsmz.de/de/service/services-human-and-animal-cell>) and the Cellosaurus database (<https://web.expasy.org/cellosaurus>). Please note that only the PCR-systems according to ANSI/ATCC standard ASN-0002 were aligned (D5S818, D13S317, D7S820, D16S539, vWA, TH01, TPOX, CSF1PO, AMEL - colored grey).

* Expected cell line is not present in DSMZ / Cellosaurus databases. Therefore, the comparison yielded no result.

The laboratory is accredited acc. to DIN EN ISO/IEC 17025:2018. All analyses have been carried out with greatest care and on the basis of state of the art scientific knowledge. The results refer solely to the analysed samples, as received. The duplication and publication also in parts requires a written authorization by this laboratory. Our General Terms and Conditions apply exclusively and are available under eurofinsgenomics.com



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These results replace the results reported on the 13.08.2025. All previous results for this sample are invalid now.

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Table S1: Antibody information

Antibody	Company	Catalog	Dilution
Pre-conjugated antibodies			
EpCAM - PE-CF594	BD	565399	1:100 (Flow)
PDGFR α - PE	BD	567951	1:40 (Flow)
PDGFR β - BV786	BD	743038	1:100 (Flow)
α -Smooth Muscle Actin - Alexa Fluor 488	Bio-Techne	IC1420G	1:50 (Flow)
FSP-1 - Alexa Fluor 647	abcam	Ab196168	1:100 (Flow)
FAP - Alexa Fluor 700	Bio-Techne	FAB3715N	1:40 (Flow)
Podoplanin - BB700	BD	749715	1:27 (Flow)
α -Smooth Muscle Actin - Alexa Fluor 488	abcam	ab184675	1:1000 (IF)
Primary antibodies			
Vimentin	abcam	ab154207	1:500 (IF)
Vimentin	Roche	790-2917	Ready to use (IHC)
α -Smooth Muscle Actin	DAKO	GA611	1:50 (IHC)
Calretinin	Roche	790-4467	Ready to use (IHC)
CD163	Roche	760-4437	Ready to use (IHC)
Secondary antibodies			
Goat anti-mouse Alexa Fluor 555	ThermoFisher	A21422	1:1000 (IF)