## SUPPLEMENTARY FIGURE S1

Α TPC-1

Cell Line Authentication

**Laboratory Report** Test Requested

Case Number C-25115d Date Sample Received 08/04/2022 Date Sample Tested 11/04/2022 Date Sample Reported 19/04/2022 11/04/2022

TPC-1 University of Birmingham S-1057716 D-1057716 TPC-1 Cellosaurus Database

В

Test Requested Cell Line Authentication

Case Number C-25115e Date Sample Received 08/04/2022 11/04/2022 Date Sample Tested Date Sample Reported 19/04/2022

	Sample Name	Sample/Comparison Profile Source	Sample Number	DNA Number
	8505C	University of Birmingham	S-1057717	D-1057717
ſ	8505C	DSMZ Database	N/A	N/A

8505C

Table of Allelic Data

	Genot		
STR Locus	TPC-1 (Test Sample)	TPC-1 (Comparison Sample)	Match vs. Mis- Match
D5	8   10	8   10	Match
D13	11   12	11   12	Match
D7	11   11	11   11	Match
D16	9 9	9 9	Match
vWA	14   18	14   18	Match
Amel	XIX	XIX	Match
TPOX	11   11	11   11	Match
CSF1PO	11   12	11   12	Match
THO1	9 9	9 9	Match

100%

Matching Percentage Outcome Related Table of Allelic Data

Laboratory Report

Sanotypes			
STR Locus	8505C (Test Sample)	8505C (Comparison Sample)	Match vs. Mis- Match
D5	10   11	10   11	Match
D13	13   13	13   13	Match
D7	10   10	10   10	Match
D16	12   12	12   12	Match
vWA	17   19	17   19	Match
Amel	XIX	XIX	Match
TPOX	10   11	10   11	Match
CSF1PO	12   13	12   13	Match
THO1	6   9	6   9	Match

Matching Percentage 100% Outcome Related

C <u>HeLa</u>

Test Requested Cell Line Authentication

C-25115f Case Number Date Sample Received 08/04/2022
Date Sample Tested 11/04/2022 Date Sample Reported 19/04/2022

## **Laboratory Report**

Test Requested Cell Line Authentication C-25115h Case Number Date Sample Received 08/04/2022

11/04/2022 Date Sample Tested Date Sample Reported 19/04/2022

Sample Name	Sample/Comparison Profile Source	Sample Number	DNA Number
HeLa	University of Birmingham	S-1057718	D-1057718
HeLa	DSMZ Database	N/A	N/A

Sample Name	Profile Source	Sample Number	DNA Number
HEK293	University of Birmingham	S-1057720	D-1057720
HEK-293.2sus	DSMZ Database	N/A	N/A

Table of Allelic Data

**Laboratory Report** 

	Genotypes		
STR Locus	HeLa (Test Sample)	HeLa (Comparison Sample)	Match vs. Mis- Match
D5	11   12	11   12	Match
D13	12   13.3	12   13.3	Match
D7	8   12	8   12	Match
D16	9   10	9   10	Match
VWA	16   18	16   18	Match
Amel	XIX	X   X	Match
TPOX	8   12	8   12	Match
CSF1PO	9   10	9   10	Match
THO1	7   7	7   7	Match

Table of Allelic Data

latch vs. Mis Match Match Match Mis-Match Match Match Match D13 9 | 13 16 | 19 X | X 11 | 11 12 | 12

Matching Percentage: 100% Matching Percentage 94% Related

Figure S1. Representative STR profiles of cell lines. Examples of cell line authentication reports for A, TPC-1, B, 8505C, C, HeLa and D, HEK293 cells generated by NorthGene (Biofortuna). DNA profiles were compared to profiles located on either the Cellosaurus or DSMZ database as indicated. Analysis was conducted using 8 loci allowing identical matches and approximate power of discrimination of 1 in 1,000,000,000. Cell lines were considered to be related with a matching percentage > 80%.