

Dr. Hema Purandarey, M.B.B.S., M.S., F.I.C.M.H., Ph.D. Consultant & Medical Director (Prenatal & Reproductive Genetics)

MEDGENOME LABS LTD. CENTER FOR GENETIC HEALTH CARE A-11, Elco Arcade Hill Road, Bandra (W), Mumbai - 400050, Maharashtra, India Tel : (022) 26400118 / 26518409 Mob: +91-9820935727 Email: cytogencghc@gmail.com Website : www.hemapurandarey.com

CHROMOSOME ANALYSIS – TEST REPORT

Name:	IPSCS – Breast-25-P5	Ref.No:	IPSC - 1 - 23
Test Requested:	Chromosomal Analysis		
Sample:	iPSC cell line	SID/OID:	7858847/593048
Received from:	Dr Shweta Bhatt cso Yashraj Biotechnology Ltd, Plot C-232, TTC Industrial Area, Turbhe MIDC.		
Received on:	17.02.23	Reported on:	03.03.23
Cells analysed:	20	Karyotyped:	05
Method:	Karyotype with GTG banding		
Estimated banding resolution: 500 (ISCN-2020) (approx)			

46,XX,t(17;22)(p11.2;q11.2)[9]/46,XX[11] Karyotype: A total of 20 cells were analyzed. Analysis revealed 2 cell lines Interpretation:

- 1. 09 cells analyzed revealed a total of 44 autosomes and 2 sex chromosomes with presence of translocation between 17p11.2 and 22q11.2 region.
- 2. 11 cells analyzed revealed apparently normal karyotype pattern.

Thank you for the opportunity to participate in the care of your patient.

ema Kuravary Dr. Hema Purandarey

MBBS, MS, FICMH, PhD Founder Director Center for Genetic Health Care

Ms. Vishalakshi Kamath M.Sc Cvtogeneticist

Dr. Shailesh Kumavat Ph.DCytogeneticist

Note : Analysis is based on the sample received in the laboratory. Test relates to the item tested. Partial reproduction of this report is not permitted. Subject to jurisdiction of courts / Appropriate Authority of Mumbai district only.

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Fig 1

Fig 2

CHROMOSOME ANALYSIS – TEST REPORT IPSC - 1 - 23 IPSCS - Breast-25-P5 Ref.No: Name: **X X** 20 46,XX,t(17;22)(p11.2;q11.2)[9] 88 5 20 46,XX[11] Dr. Shailesh Kumavat Dr. Hema Purandarev Ms. Vishalakshi Kamath Ph.D MBBS, MS, FICMH, PhD M.Sc Founder Director Center for Genetic Health Care Cytogeneticist Cytogeneticist Note : Analysis is based on the sample received in the laboratory. Test relates to the item tested. Partial reproduction of this report is not permitted Subject to jurisdiction of courts / Appropriate Authority of Mumbai district only. Pg 2 of 2 NABL ACCREDITED ACCREDITED MEDGENOME LABS LTD. (ISO - 15189) Certificate No: MC-2054 LAP No: 72 11991 CIN: U73100KA2013PTC084414 PNDT Registration No. MOH HW/34/PNDT SERVICES: Genetic Counseling, Cytogenetic Services & FISH (Blood, Bone Marrow, Products of Conception, Amniotic Fluid, CVS) Genetic Screening (Maternal Serum, Neonatal & Metabolic) Fetal Anomaly Scan & Echocardiography, BOH, Infertility packages, Microarray, Next Generation Sequencing, Whole Genome/ Exome Sequencing,