



• Services
IPD Research
IPD TAILORing
IPD MHC
IPD-KIR
IPD-About us
IPD-MHC
IPD-IPA
IPD-ESTDAB

IPD-ESTDAB Database

Search
Directory
Dictionary
Contributing Cells
Ordering Cells
Collaborators

Related Links

IMGT/HLA Database -
Provides specialist
databases for sequences of
the human major
histocompatibility complex
(HLA).
[more](#)

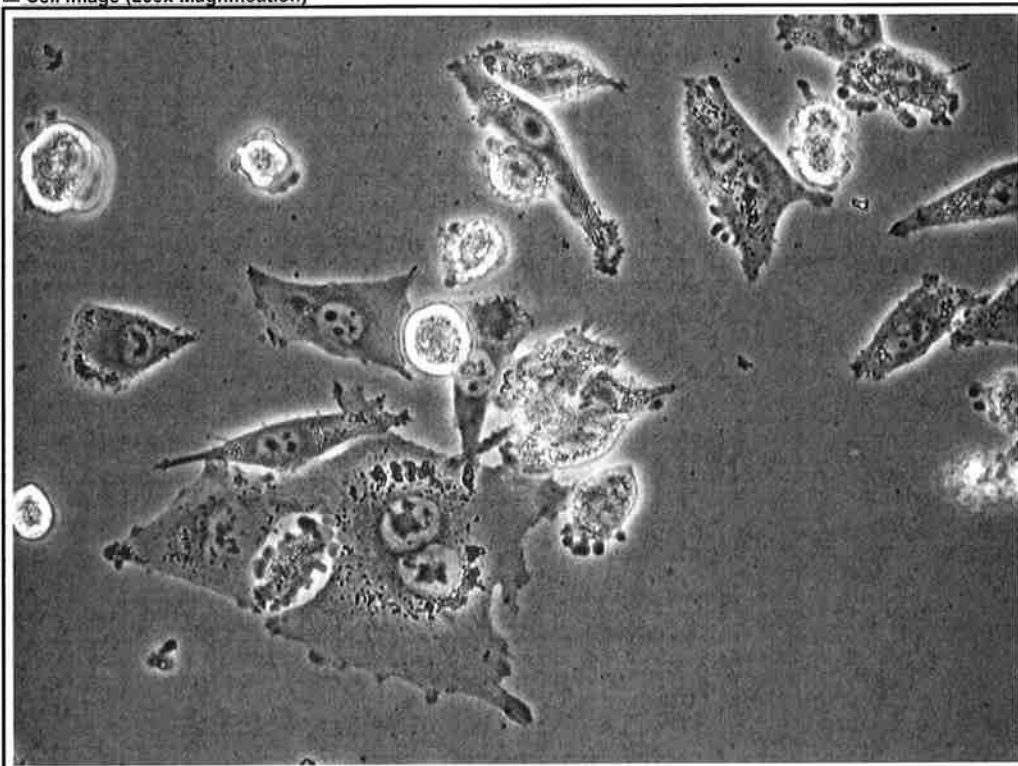
EBI Databases Nucleotide Databases IPD > ESTDAB

ESTDAB Cell Profile for ESTDAB-007 (FM-3)

Cell Source	Melanoma		
Tissue Type:		Tissue of Origin:	Unknown
Ethnic Origin:	Unknown	Gender:	Unknown
Medium Used:	RPMI 1640, 10% FBS	Morphology:	Unknown
Mycoplasma:	-		
Comments:	none		

Image of Cell

☒ Cell Image (200x Magnification)



Primary Search Determinants

☒ High Resolution HLA Typing

High Resolution Typing of HLA and Related Genes	(Help on HLA High Resolution Typing)
HLA-A	0201/09/43N
HLA-B	0702, 4402/19N/22
HLA-C	0501/03
HLA-DRB1	040101, 1501
HLA-DRB3	ND
HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	0602, 030101
HLA-DPA1	ND
HLA-DPB1	0401

☒ HLA and Related Genes, Surface Expression

FACS Data	(Help on FACS Data)
-----------	---------------------

Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
HLA-A	++	139	ND	0
HLA-A,B,C	++	15.52	ND	0
HLA-B	+	21	ND	0
HLA-Bw4	-	0	ND	0
HLA-Bw6	+	25	ND	0
HLA-C	ND	0	ND	0
HLA-DP	++	219	ND	0
HLA-DQ	ND	0	ND	0
HLA-DR	++	16.00	ND	0
HLA-E	ND	0	ND	0
HLA-G	ND	0	ND	0
MICA	+	9.61	ND	0
MICA/B	++	10.93	ND	0
MICB	+	2.98	ND	0
B2m	ND	0	ND	0

Tumour Associated Antigens

Tumour Associated Antigens		(Help on Tumour Associated Antigens)	
Marker	Score	Marker	Score
BAGE	-	MAGE 6	++
BUC1	ND	Mart 1	+
GAGE	++	MMP2	ND
gp100	+++	MTA-1	ND
MAGE 1	+++	MUC-1	+
MAGE 10	+++	NA17-A	ND
MAGE 12	++	NY ESO	-
MAGE 2	+	SURVIVIN	+
MAGE 3	+++	T128	ND
MAGE 4	++	T17	ND
MAGE 6	++	T21	ND
Mart 1	+	TACC1D	ND
MMP2	ND	TRAG 3	++
MTA-1	ND	TRP 1	+

Chromium Release Assay

Chromium Release Assay		(Help on Chromium Release Assay)	
Marker	Specificity	Ratio	Lysis (%)
gp100 (154-162)			
gp100 (209-217)			
Mart1 (27-25)	HLA-02.01	5:1	25

Immunohistochemistry

Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score		
gp100	+		

Cytokine Secretions

Cytokine Secretion Data		(Help on Cytokine Secretions)	
Marker	Substrate - Plastic	Marker	Substrate - Matrigel
Interferon Gamma		Interferon Gamma	
Interleukin 10		Interleukin 10	
Interleukin 6		Interleukin 6	
Interleukin 8		Interleukin 8	

TGF Beta		TGF Beta	
TNF Alpha		TNF Alpha	

Secondary Search Determinants

☒ Antigen Processing

Western Blot Data		(Help on Western Blot Data)
Marker	Initial	After 72hrs IFN-Gamma Induced
Heavy Chain	ND	ND
LMP2	ND	ND
LMP7	ND	ND
MECL1	ND	ND
TAP1	ND	ND
TAP2	ND	ND

☒ Apoptosis

FACS Data		(Help on FACS Data)		
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
B7H1	+/-	1.66	ND	0
CD95	+	4.63	ND	0
CD95L	-	1.17	ND	0
PD-1	-	1.17	ND	0
TRAIL-R1	+/-	1.65	ND	0
TRAIL-R2	+	3.80	ND	0
TRAIL-R3	-	1.32	ND	0
TRAIL-R4	-	1.40	ND	0

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
caspase-8	ND	RIP	ND
clAP1	ND	TNFRp55	ND
clAP2	ND	TRADD	ND
DR3 TRAMP APO3	ND	TRAF1	ND
FADD	ND	TRAF2	ND
FAF	ND	TRAF3	ND
FAP	ND	TRAF4	ND
Fas	ND	TRAIL	ND
FasL	ND	TRPM2	ND
NAIP	ND	XIAP	ND

Western Blot Data		(Help on Western Blot Data)	
Marker	Score	Marker	Score
APAF1	ND	Bcl xL	ND
BAX	ND	Bcl xS	ND
Bcl 2	ND	Bid	ND
Bcl w	ND	FLIP	ND

☒ Cytokine Polymorphisms

Cytokine Polymorphism Data		(Help on Cytokine Polymorphisms)	
Marker	Position	Polymorphism	Polymorphism
Interferon Gamma	-333	C	C
Interferon Gamma	874	A	A
Interleukin 10	-1082	G	G
Interleukin 10	-819	C	C

Interleukin 10	-592	C	C
Interleukin 10	571	G	G
Interleukin 6	-174	G	C
TGF Beta	-988		
TGF Beta	-800	G	G
TGF Beta	-509		
TGF Beta	codon 10		
TGF Beta	codon 25	G	G
TGF Beta	652		
TGF Beta	653		
TGF Beta	713		
TGF Beta	788		
TGF Beta	869		
TGF Beta	915	G	G
TNF Alpha	-1031	T	T
TNF Alpha	-863	C	C
TNF Alpha	-857	C	C
TNF Alpha	-851	C	C
TNF Alpha	-574	C	C
TNF Alpha	-376	G	G
TNF Alpha	-308	G	G
TNF Alpha	-238	G	G
TNF Alpha	488	G	G

☒ DNA Profile

DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
Amelogenin	X	D7S820	10
CSF1PO	11, 13	FGA	23
D13S317	12	TH01	6, 9, 3
D3S1358	15, 17	TPOX	8, 11
D5S818	12	vWA	15, 16

☒ Extra Cellular Matrix

Cell Adhesion			(Help on Cell Adhesion)				
Marker	Score		Marker	Score			
Collagen	-		Laminin	-			
Fibronectin	-						
Glycosyltransferases			(Help on Glycosyltransferases)				
Marker	Score		Marker	Score			
FUT1	+		SIAT3	+			
FUT4	+		SIAT4C	+			
MGAT5	+						
Lectins			(Help on Lectins)				
Mol. Weight (KDa)	DSA	GNA	LTA	NAA	PHA-L	SBA	SNA
<30	-	-	-	-	-	ND	-
31-40	-	-	1	-	-	ND	-
41-50	-	4	2	-	-	ND	2
51-60	-	-	1	-	-	ND	1
61-70	-	-	1	-	1	ND	1
71-80	-	-	-	-	-	ND	-

81-90	-	1	1	1	-	ND	1
91-100	1	1	-	1	1	ND	1
101-110	1	1	1	-	-	ND	-
111-120	1	-	-	1	-	ND	1
121-130	-	-	-	1	-	ND	-
131-140	-	1	-	-	-	ND	-
141-150	-	1	1	-	1	ND	1
151-160	1	-	-	-	-	ND	-
161-170	-	-	-	-	-	ND	-
171-180	-	ND	-	-	-	ND	1
181-190	-	1	1	1	1	ND	-
191-200	-	-	-	-	-	ND	-
>200	1	1	1	2	1	ND	2

☒ Surface Markers

FACS Data			(Help on FACS Data)	
Marker	Initial		After 48hrs IFN-Gamma Induced	
	Normalised Score	Intensity	Normalised Score	Intensity
CD112	ND	0	ND	0
CD11a	ND	0	ND	0
CD11b	+	2,23	ND	0
CD155	ND	0	ND	0
CD40	-	1.14	ND	0
CD44	++	71.74	ND	0
CD48	-	0,99	ND	0
CD49d	+	6,8	ND	0
CD54	++	50.11	ND	0
CD56	++	11,05	ND	0
CD57	-	1,01	ND	0
CD58	++	10.17	ND	0
CD80	-	1.14	ND	0
CD86	-	1.16	ND	0
CD95	+	4.63	ND	0
CD95L	-	1.17	ND	0
ULBP1	-	1.06	ND	0
ULBP2	-	1.40	ND	0
ULBP3	+/-	1.75	ND	0
gp100	ND	0	ND	0

Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score	Marker	Score
		P-Cadherin	ND
K-Cadherin	ND	VE-Cadherin	ND
N-Cadherin	ND		
gp100	+	Survivin	++

☒ (Epi)Genetic Analysis

(Epi)Genetic Analysis			(Help on (Epi)Genetic Analysis)		
Marker	Mutation		Deletion		Methylation
	Presence	Description	Presence	Description	Presence
APC	ND	ND	N/A	N/A	ND
BRAF	ND	ND	N/A	N/A	N/A

CDK4	ND	ND	N/A	N/A	N/A
CTNNB1	ND	ND	N/A	N/A	N/A
NRAS	ND	ND	N/A	N/A	N/A
PTEN	ND	ND	ND	ND	N/A
RASSF1A	N/A	N/A	N/A	N/A	ND
RB1	ND	ND	ND	ND	N/A
TP53	ND	ND	N/A	N/A	N/A
p16	ND	ND	ND	ND	ND
p27	N/A	N/A	N/A	N/A	ND

Further Information

For more information regarding IPD please contact [IPD Support](#).



- [News](#)
- [Brochures](#)
- [Contact us](#)
- [Intranet](#)

Services

- [By topic](#)
- [By name \(A-Z\)](#)
- [Help & Support](#)

Research

- [Overview](#)
- [Publications](#)
- [Research groups](#)
- [Postdocs & PhDs](#)

Training

- [Overview](#)
- [Train at EBI](#)
- [Train outside EBI](#)
- [Train online](#)
- [Contact organisers](#)

Industry

- [Overview](#)
- [Members Area](#)
- [Workshops](#)
- [SME Forum](#)
- [Contact Industry programme](#)

About us

- [Overview](#)
- [Leadership](#)
- [Funding](#)
- [Background](#)

- [Home](#)
- [Collaboration](#)
- [Jobs](#)
- [People & groups](#)
- [News](#)
- [Events](#)
- [Visit us](#)
- [Contact us](#)

EMBL-EBI, Wellcome Trust Genome Campus, Hinxton, Cambridgeshire, CB10 1SD, UK +44 (0)1223 49 44 44

Copyright © EMBL-EBI 2013 | EBI is an outstation of the European Molecular Biology Laboratory | [Privacy](#) | [Cookies](#) | [Terms of use](#)
