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ESTDAB Cell Profile for ESTDAB-225 (UKRV-Mel-14b)

Cell Source

Cell Type:	Melanoma	Tissue of Origin:	Unknown
Ethnic Origin:	Unknown	Gender:	Unknown
Medium Used:	RPMI 1640, 10% FBS	Morphology:	Unknown
Mycoplasma:	-		
Comments:	same DNA-profile as UKRV-Mel-14c (ESTDAB-226)		

Related Links

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

Image of Cell

☒ Cell Image (200x Magnification)

IMAGE NOT
AVAILABLE

Primary Search Determinants

☒ High Resolution HLA Typing

High Resolution Typing of HLA and Related Genes	(Help on HLA High Resolution Typing)
HLA-A	ND
HLA-B	ND
HLA-C	ND
HLA-DRB1	ND
HLA-DRB3	ND
HLA-DRB4	ND
HLA-DRB5	ND
HLA-DQA1	ND
HLA-DQB1	ND
HLA-DPA1	ND
HLA-DPB1	ND

☐ **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	ND	0	ND	0
HLA-A,B,C	ND	0	ND	0
HLA-B	ND	0	ND	0
HLA-Bw4	ND	0	ND	0
HLA-Bw6	ND	0	ND	0
HLA-C	ND	0	ND	0
HLA-DP	ND	0	ND	0
HLA-DQ	ND	0	ND	0
HLA-DR	ND	0	ND	0
HLA-E	ND	0	ND	0
HLA-G	ND	0	ND	0
MICA	ND	0	ND	0
MICA/B	ND	0	ND	0
MICB	ND	0	ND	0
B2m	ND	0	ND	0

☐ **Tumour Associated Antigens**

Tumour Associated Antigens		(Help on Tumour Associated Antigens)	
Marker	Score	Marker	Score
BAGE	ND	MAGE 6	ND
BUC1	ND	Mart 1	ND
GAGE	ND	MMP2	ND
gp100	ND	MTA-1	ND
MAGE 1	ND	MUC-1	ND
MAGE 10	ND	NA17-A	ND
MAGE 12	ND	NY ESO	ND
MAGE 2	ND	SURVIVIN	ND
MAGE 3	ND	T128	ND
MAGE 4	ND	T17	ND
MAGE 6	ND	T21	ND
Mart 1	ND	TACC1D	ND
MMP2	ND	TRAG 3	ND
MTA-1	ND	TRP 1	ND
Chromium Release Assay		(Help on Chromium Release Assay)	
Marker	Specificity	Ratio	Lysis (%)
gp100 (154-162)	ND	ND	ND
gp100 (209-217)	ND	ND	ND
Mart1 (27-25)	ND	ND	ND
Immunohistochemistry		(Help on Immunohistochemistry)	
Marker	Score		
gp100	ND		

☐ **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	ND	0	ND	0
CD95	ND	0	ND	0
CD95L	ND	0	ND	0
PD-1	ND	0	ND	0
TRAIL-R1	ND	0	ND	0
TRAIL-R2	ND	0	ND	0
TRAIL-R3	ND	0	ND	0
TRAIL-R4	ND	0	ND	0

RNA Protection Assay Data		(Help on RNA Protection Assay)	
Marker	Score	Marker	Score
caspase-8	ND	RIP	ND
cIAP1	ND	TNFRp55	ND
cIAP2	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

☒ Cytokine Polymorphisms

Cytokine Polymorphism Data		(Help on Cytokine Polymorphisms)	
Marker	Position	Polymorphism	Polymorphism
Interferon Gamma	-333		
Interferon Gamma	874		
Interleukin 10	-1082		
Interleukin 10	-819		
Interleukin 10	-592		
Interleukin 10	571		
Interleukin 6	-174		

TGF Beta	-988		
TGF Beta	-800		
TGF Beta	-509		
TGF Beta	codon 10		
TGF Beta	codon 25		
TGF Beta	652		
TGF Beta	653		
TGF Beta	713		
TGF Beta	788		
TGF Beta	869		
TGF Beta	915		
TNF Alpha	-1031		
TNF Alpha	-863		
TNF Alpha	-857		
TNF Alpha	-851		
TNF Alpha	-574		
TNF Alpha	-376		
TNF Alpha	-308		
TNF Alpha	-238		
TNF Alpha	488		

☐ DNA Profile

DNA Profile		(Help on DNA Profiles)	
Marker	Score	Marker	Score
Amelogenin	X	D7S820	8, 10
CSF1PO	12	FGA	25
D13S317	10, 12	THO1	7, 9
D3S1358	15, 16	TPOX	8, 9
D5S818	11, 12	vWA	15, 17

☐ Extra Cellular Matrix

Cell Adhesion			(Help on Cell Adhesion)				
Marker	Score		Marker	Score			
Collagen	ND		Laminin	ND			
Fibronectin	ND						
Glycosyltransferases			(Help on Glycosyltransferases)				
Marker	Score		Marker	Score			
FUT1	ND		SIAT3	ND			
FUT4	ND		SIAT4C	ND			
MGAT5	ND						
Lectins			(Help on Lectins)				
Mol. Weight (KDa)	DSA	GNA	LTA	NAA	PHA-L	SBA	SNA
<30	ND	ND	ND	ND	ND	ND	ND
31-40	ND	ND	ND	ND	ND	ND	ND
41-50	ND	ND	ND	ND	ND	ND	ND
51-60	ND	ND	ND	ND	ND	ND	ND
61-70	ND	ND	ND	ND	ND	ND	ND
71-80	ND	ND	ND	ND	ND	ND	ND
81-90	ND	ND	ND	ND	ND	ND	ND
91-100	ND	ND	ND	ND	ND	ND	ND
101-110	ND	ND	ND	ND	ND	ND	ND

111-120	ND	ND	ND	ND	ND	ND	ND
121-130	ND	ND	ND	ND	ND	ND	ND
131-140	ND	ND	ND	ND	ND	ND	ND
141-150	ND	ND	ND	ND	ND	ND	ND
151-160	ND	ND	ND	ND	ND	ND	ND
161-170	ND	ND	ND	ND	ND	ND	ND
171-180	ND	ND	ND	ND	ND	ND	ND
181-190	ND	ND	ND	ND	ND	ND	ND
191-200	ND	ND	ND	ND	ND	ND	ND
>200	ND	ND	ND	ND	ND	ND	ND

☐ **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	ND	0	ND	0
CD155	ND	0	ND	0
CD40	ND	0	ND	0
CD44	ND	0	ND	0
CD48	ND	0	ND	0
CD49d	ND	0	ND	0
CD54	ND	0	ND	0
CD56	ND	0	ND	0
CD57	ND	0	ND	0
CD58	ND	0	ND	0
CD80	ND	0	ND	0
CD86	ND	0	ND	0
CD95	ND	0	ND	0
CD95L	ND	0	ND	0
ULBP1	ND	0	ND	0
ULBP2	ND	0	ND	0
ULBP3	ND	0	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	ND	Survivin	ND

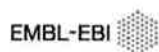
☐ **(Epi)Genetic Analysis**

(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

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