

Lee et al._Supplemental Dataset 1

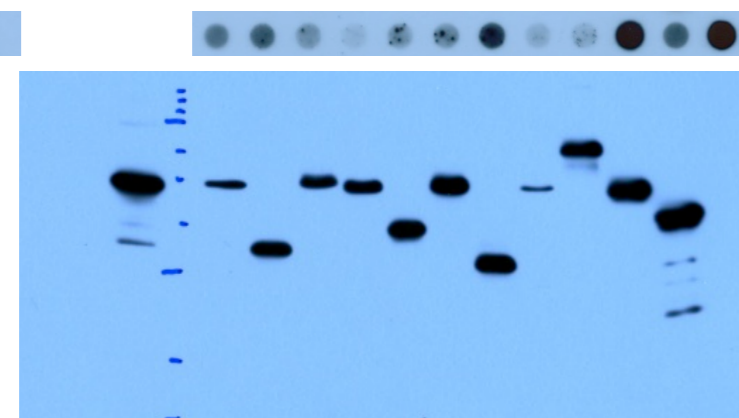
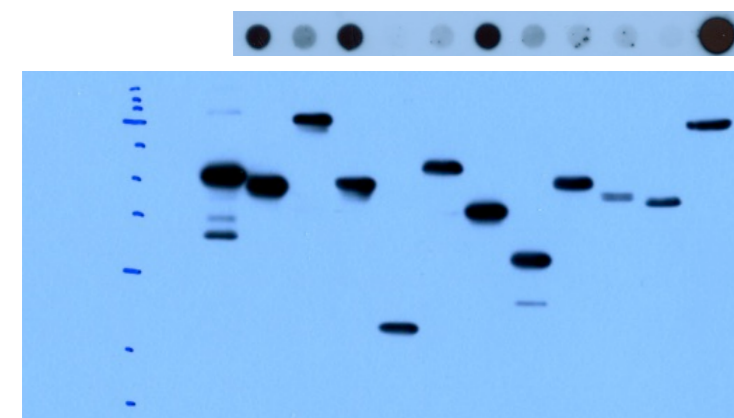
DB and WB images for Figure 1 and 2

293T

001-022

ej001	ALX4	A01
ej002	ARX	A02
ej003	BARHL1	A03
ej004	BARX1*	A04
ej005	BARX2	A05
ej006	BSX	A06
ej007	CDX1	A07
ej008	CDX2	A08
ej009	CDX4	A09
ej010	CRX	A10
ej011	CUX1*	A11

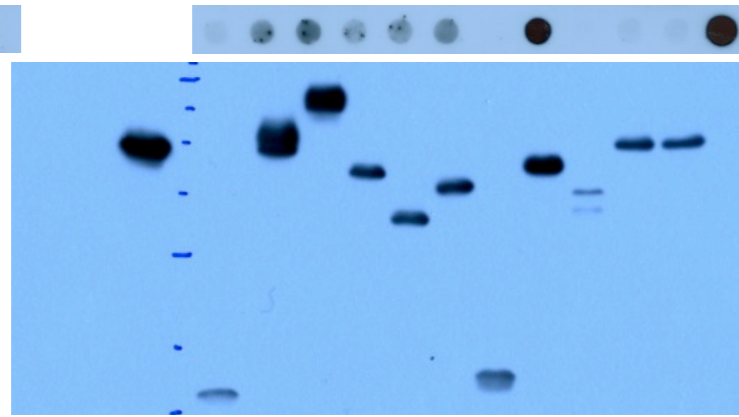
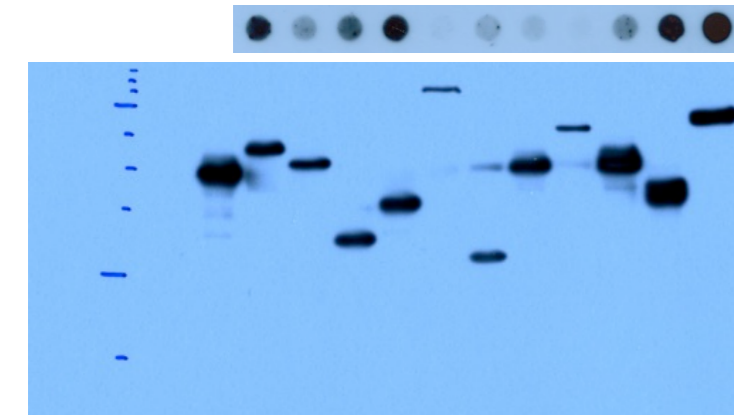
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ej014	DLX2	B03
ej015	DLX3	B04
ej016	DLX4	B05
ej017	DLX5	B06
ej018	DLX6	B07
ej019	DMBX1	B08
ej020	MEIS2	B09
ej021	EN2	B10
ej022	EVX1*	B11



023-033

ej023	EVX2	C01
ej024	GBX2	C02
ej025	GSC2	C03
ej026	GSX2	C04
ej027	HDX	C05
ej028	HESX1	C06
ej029	HHEX	C07
ej030	HLX	C08
ej031	HMBOX1	C09
ej032	HMX2	C10
ej033	HNF1B	C11

ej034	HOPX	D01
ej035	HOXA1	D02
ej036	HOXA3	D03
ej037	HOXA5	D04
ej038	HOXA6	D05
ej039	HOXA9	D06
ej040	HOXA10	D07
ej041	HOXA11	D08
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ej043	HOXB2	D10
ej044	HOXB2	D11

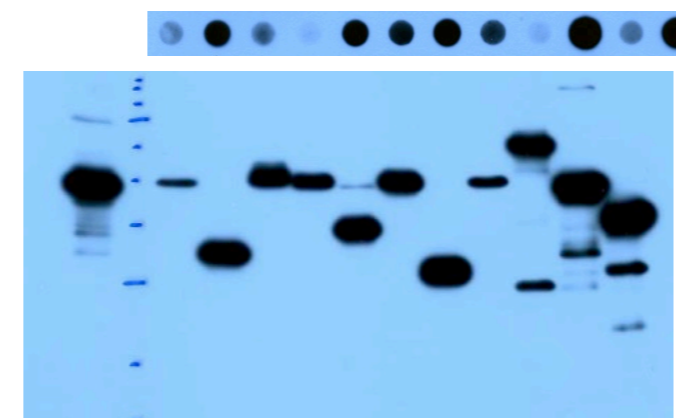
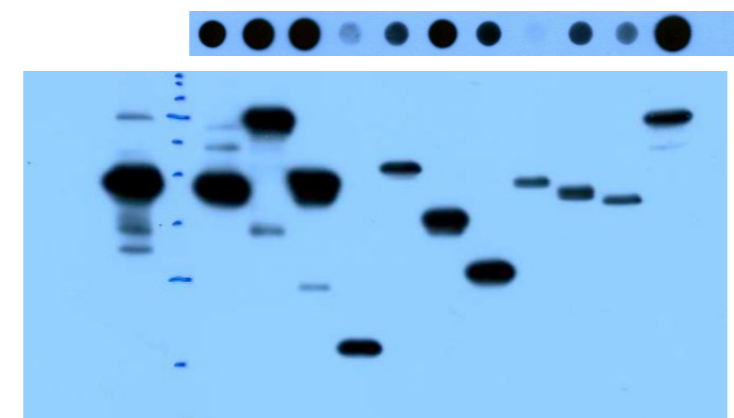


*Isoform w/o HD
**No expression

GT1-7

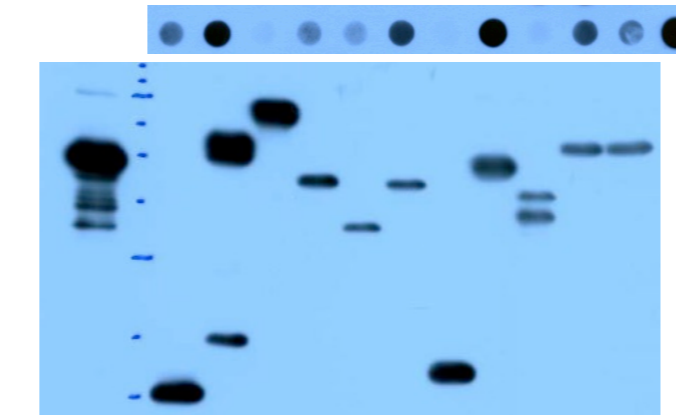
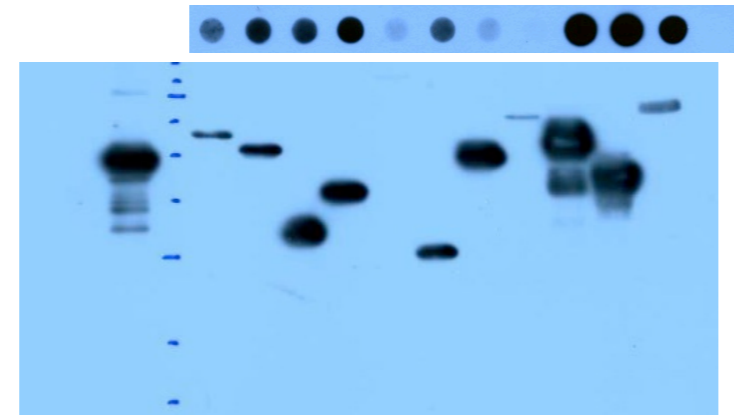
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ej007	CDX1	A07
ej008	CDX2	A08
ej009	CDX4	A09
ej010	CRX	A10
ej011	CUX1*	A11

ej012	DBX1	B01
ej013	DLX1	B02
ej014	DLX2	B03
ej015	DLX3	B04
ej016	DLX4	B05
ej017	DLX5	B06
ej018	DLX6	B07
ej019	DMBX1	B08
ej020	MEIS2	B09
ej021	EN2	B10
ej022	EVX1*	B11



ej023	EVX2	C01
ej024	GBX2	C02
ej025	GSC2	C03
ej026	GSX2	C04
ej027	HDX	C05
ej028	HESX1	C06
ej029	HHEX	C07
ej030	HLX	C08
ej031	HMBOX1	C09
ej032	HMX2	C10
ej033	HNF1B	C11

ej034	HOPX	D01
ej035	HOXA1	D02
ej036	HOXA3	D03
ej037	HOXA5	D04
ej038	HOXA6	D05
ej039	HOXA9	D06
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ej043	HOXB2	D10
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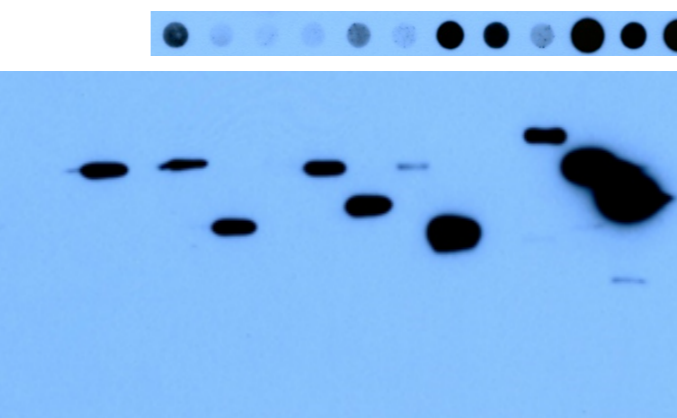
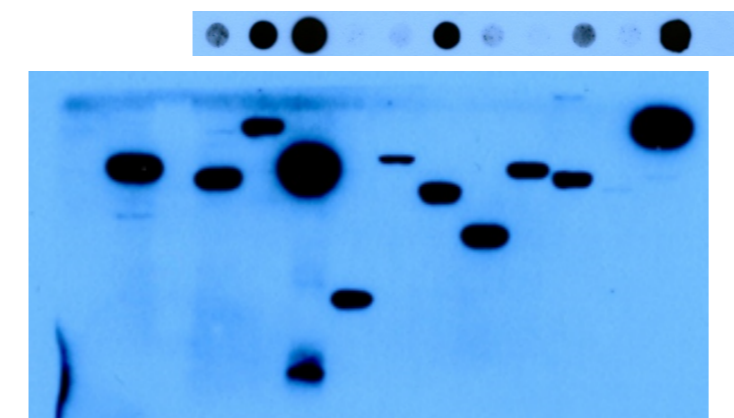


*Isoform w/o HD
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MDCK

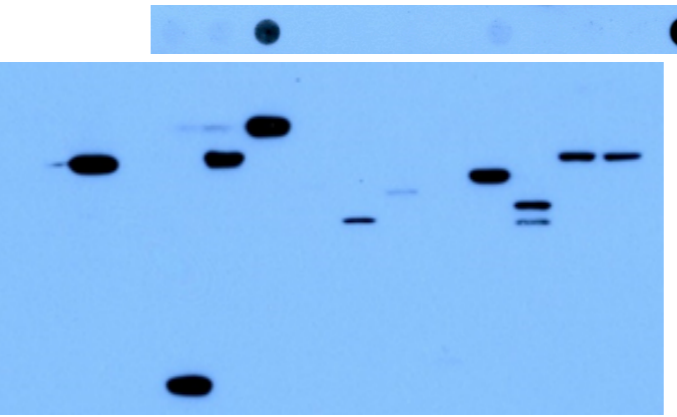
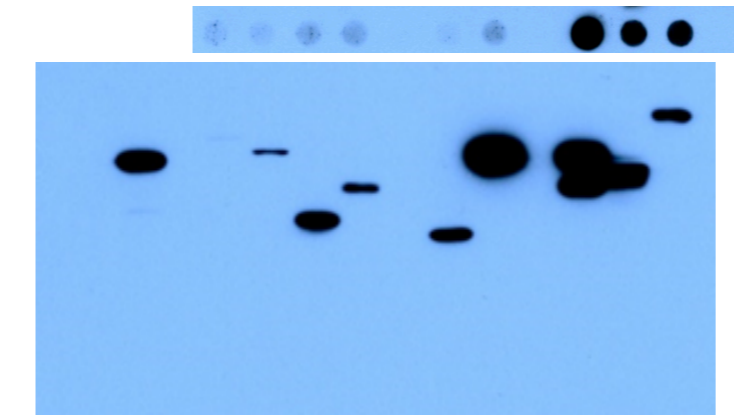
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ej005	BARX2	A05
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ej007	CDX1	A07
ej008	CDX2	A08
ej009	CDX4	A09
ej010	CRX	A10
ej011	CUX1*	A11

ej012	DBX1	B01
ej013	DLX1	B02
ej014	DLX2	B03
ej015	DLX3	B04
ej016	DLX4	B05
ej017	DLX5	B06
ej018	DLX6	B07
ej019	DMBX1	B08
ej020	MEIS2	B09
ej021	EN2	B10
ej022	EVX1*	B11



ej023	EVX2	C01
ej024	GBX2	C02
ej025	GSC2	C03
ej026	GSX2	C04
ej027	HDX	C05
ej028	HESX1	C06
ej029	HHEX	C07
ej030	HLX	C08
ej031	HMBOX1	C09
ej032	HMX2	C10
ej033	HNF1B	C11

ej034	HOPX	D01
ej035	HOXA1	D02
ej036	HOXA3	D03
ej037	HOXA5	D04
ej038	HOXA6	D05
ej039	HOXA9	D06
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ej044	HOXB2	D11

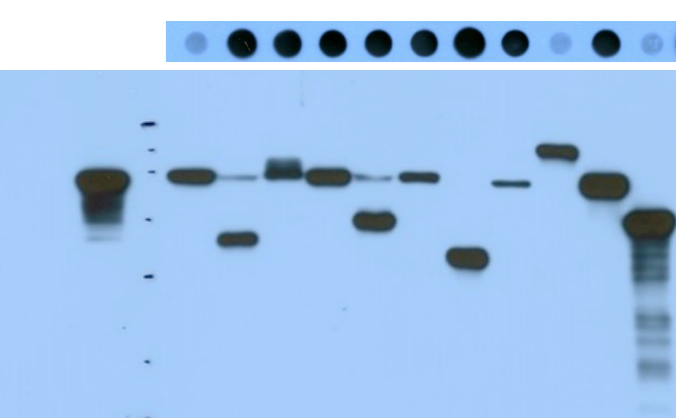
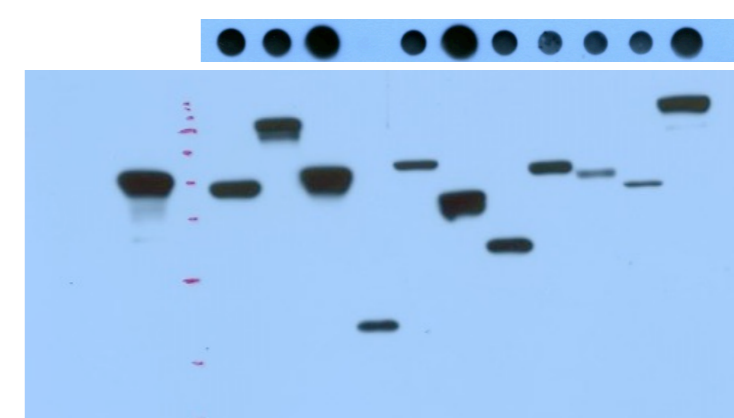


*Isoform w/o HD
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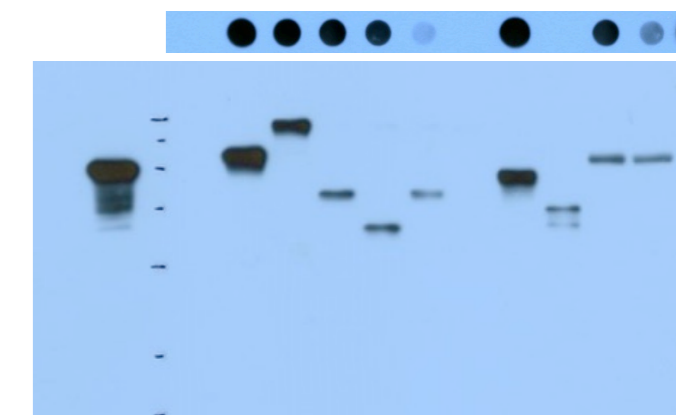
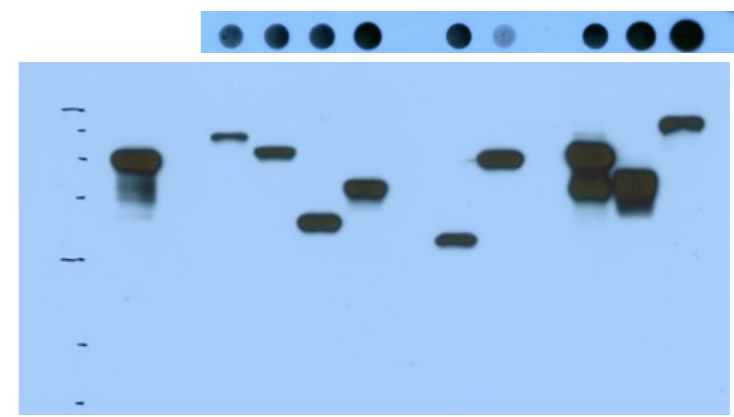
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ej002	ARX	A02
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ej005	BARX2	A05
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ej007	CDX1	A07
ej008	CDX2	A08
ej009	CDX4	A09
ej010	CRX	A10
ej011	CUX1*	A11

ej012	DBX1	B01
ej013	DLX1	B02
ej014	DLX2	B03
ej015	DLX3	B04
ej016	DLX4	B05
ej017	DLX5	B06
ej018	DLX6	B07
ej019	DMBX1	B08
ej020	MEIS2	B09
ej021	EN2	B10
ej022	EVX1*	B11

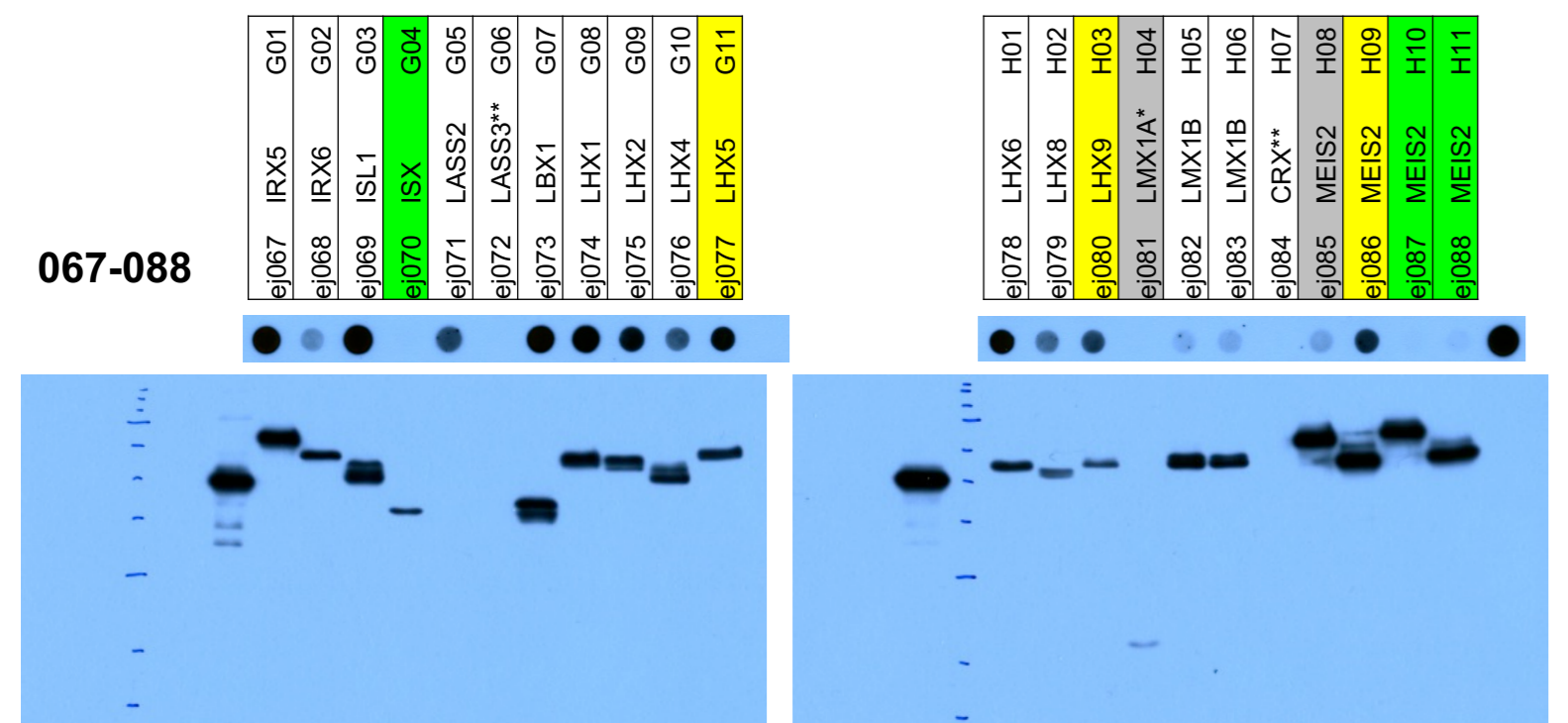
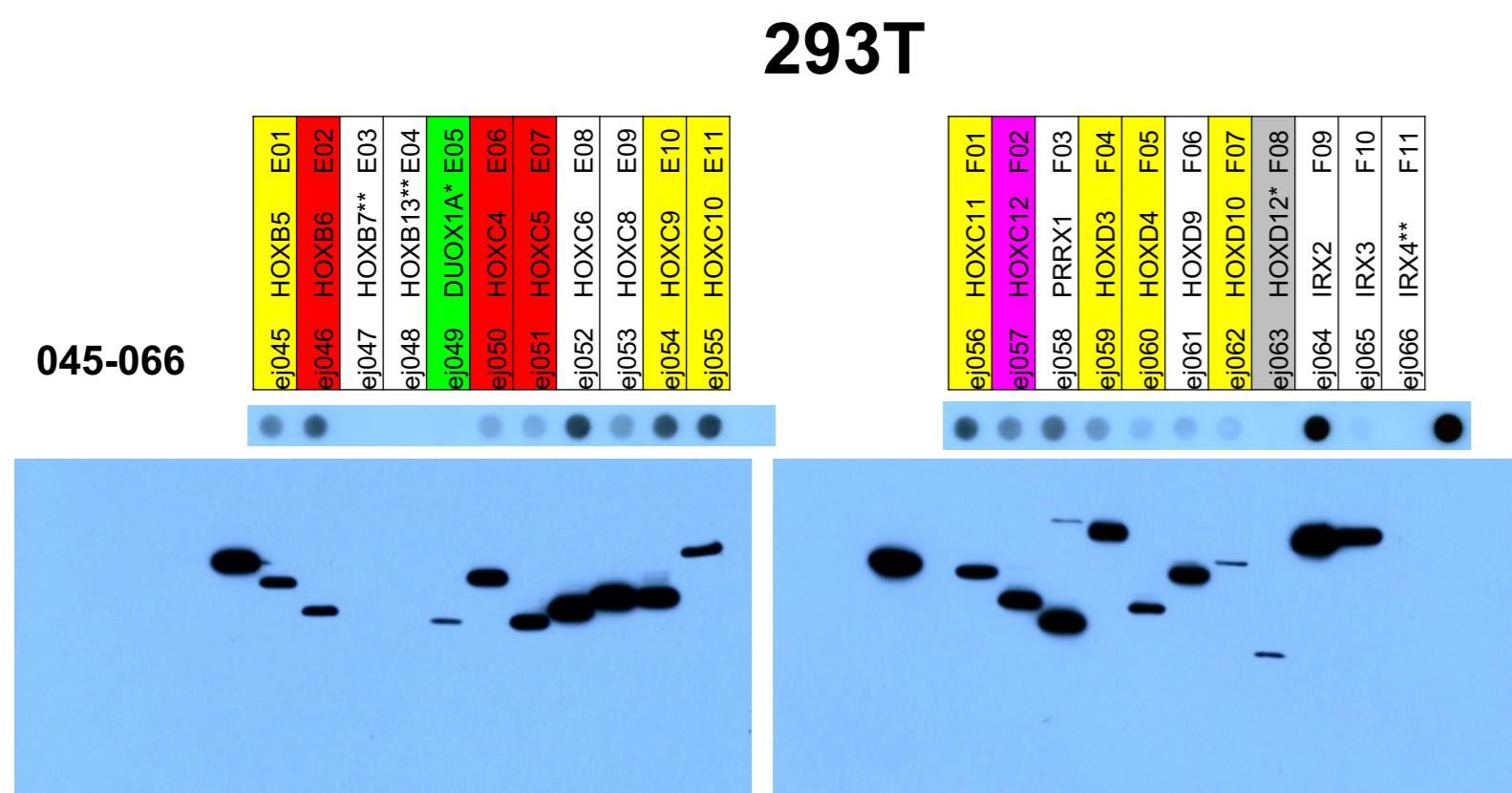


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ej024	GBX2	C02
ej025	GSC2	C03
ej026	GSX2	C04
ej027	HDX	C05
ej028	HESX1	C06
ej029	HHEX	C07
ej030	HLX**	C08
ej031	HMBOX1	C09
ej032	HMX2	C10
ej033	HNF1B	C11

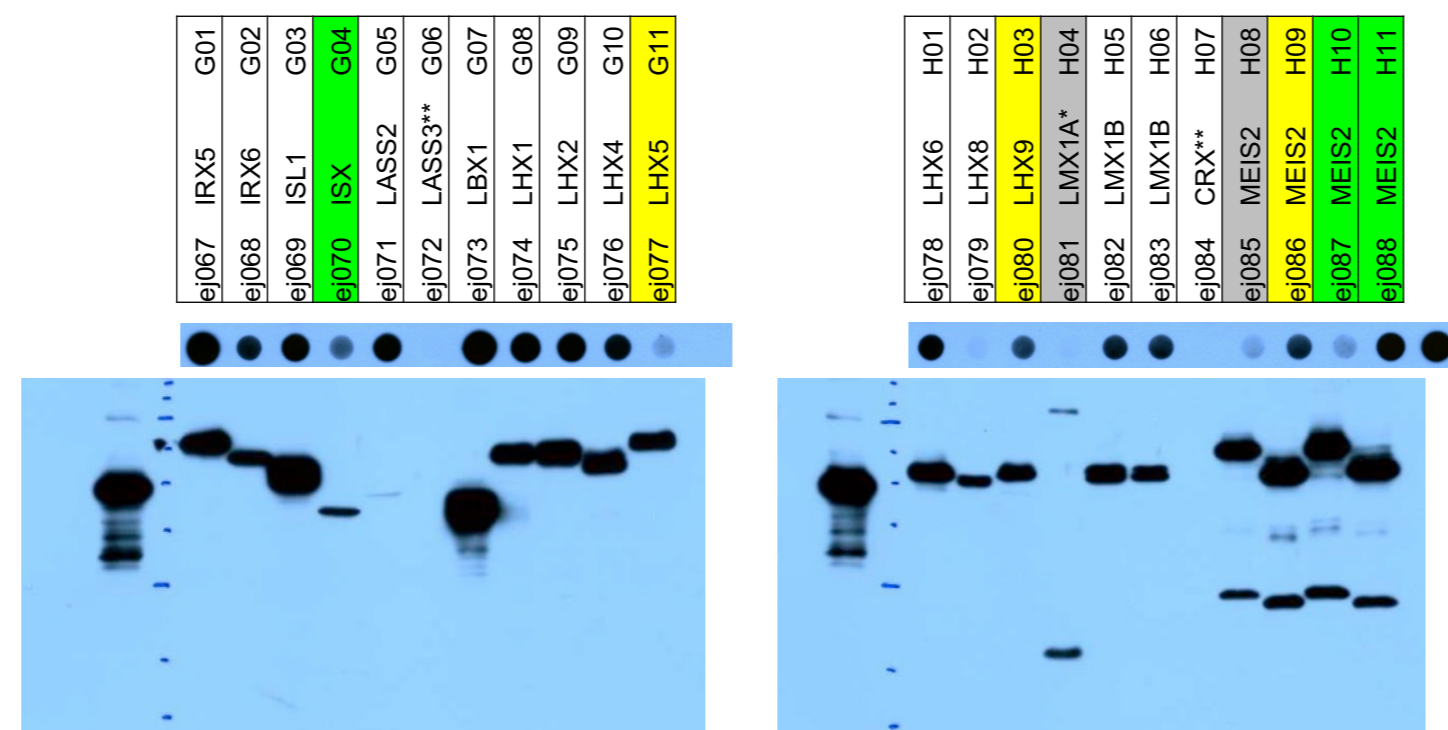
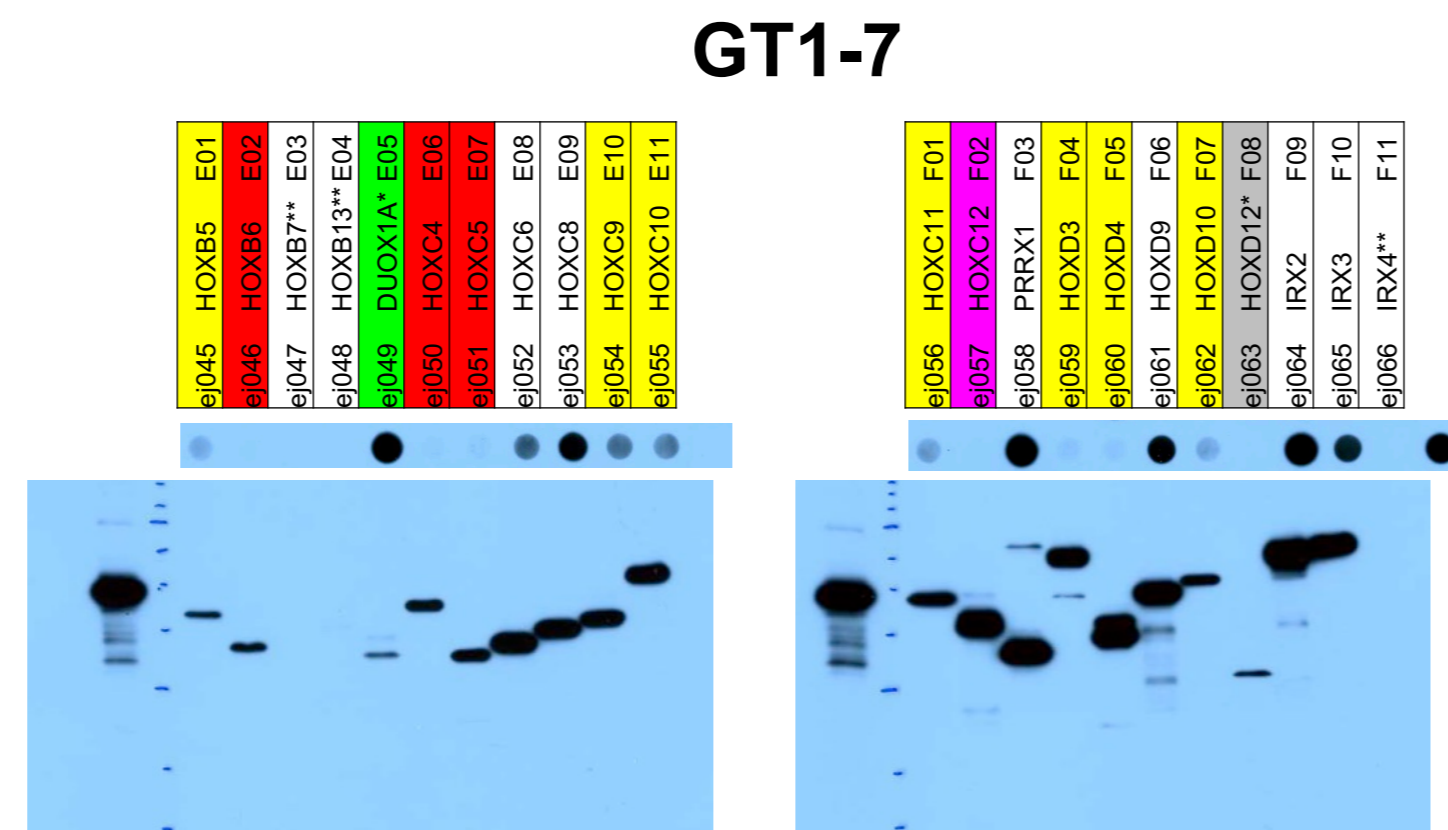
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ej035	HOXA1	D02
ej036	HOXA3	D03
ej037	HOXA5	D04
ej038	HOXA6	D05
ej039	HOXA9	D06
ej040	HOXA10**	D07
ej041	HOXA11	D08
ej042	HOXB1*	D09
ej043	HOXB2	D10
ej044	HOXB2	D11



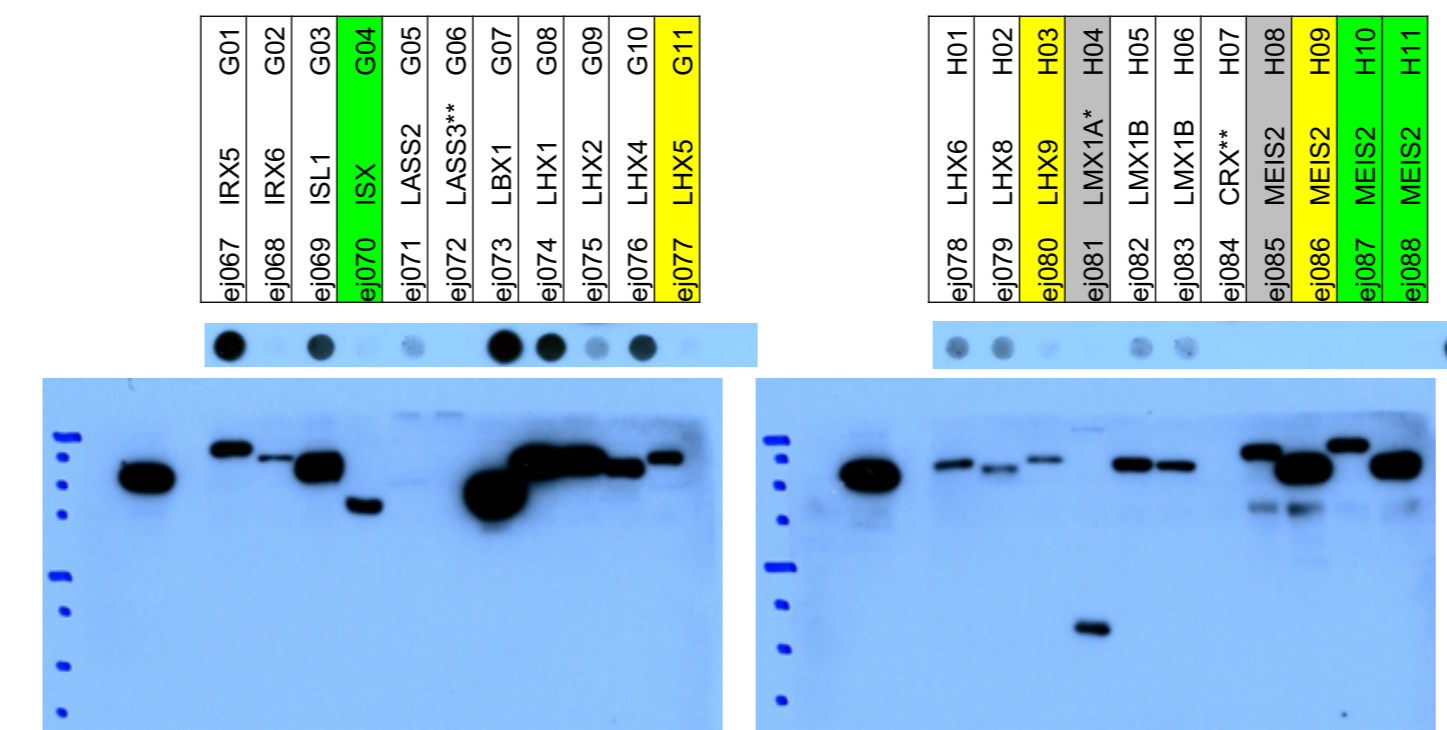
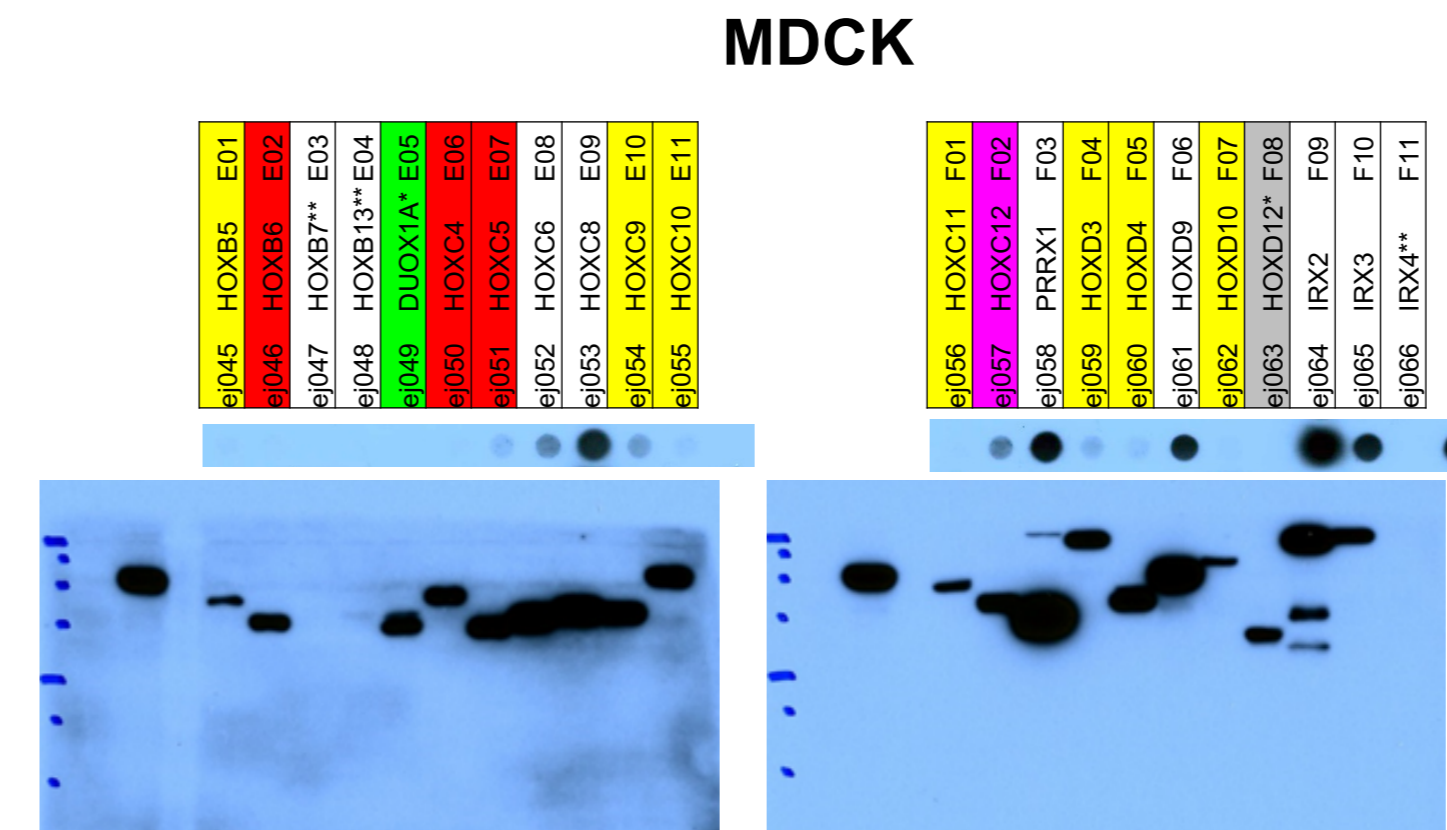
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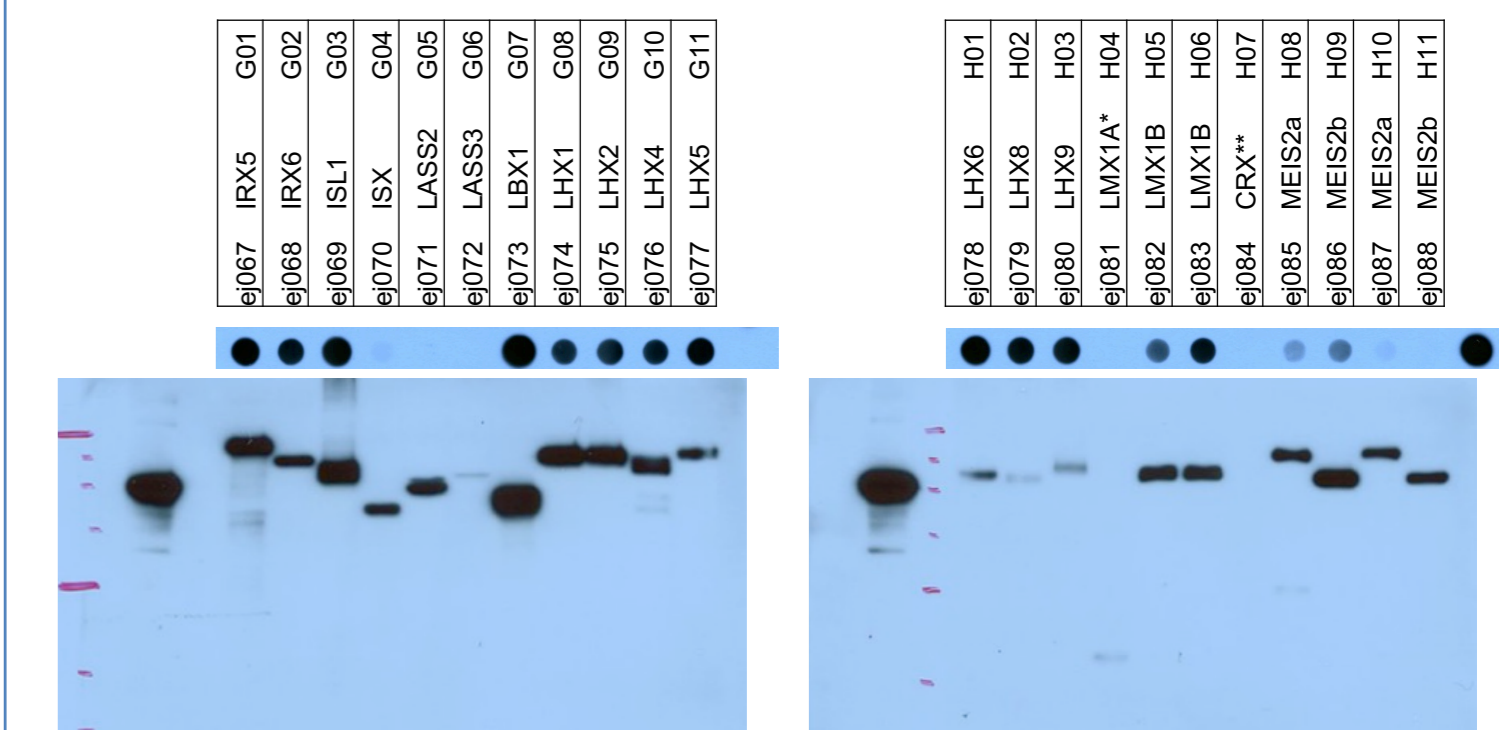
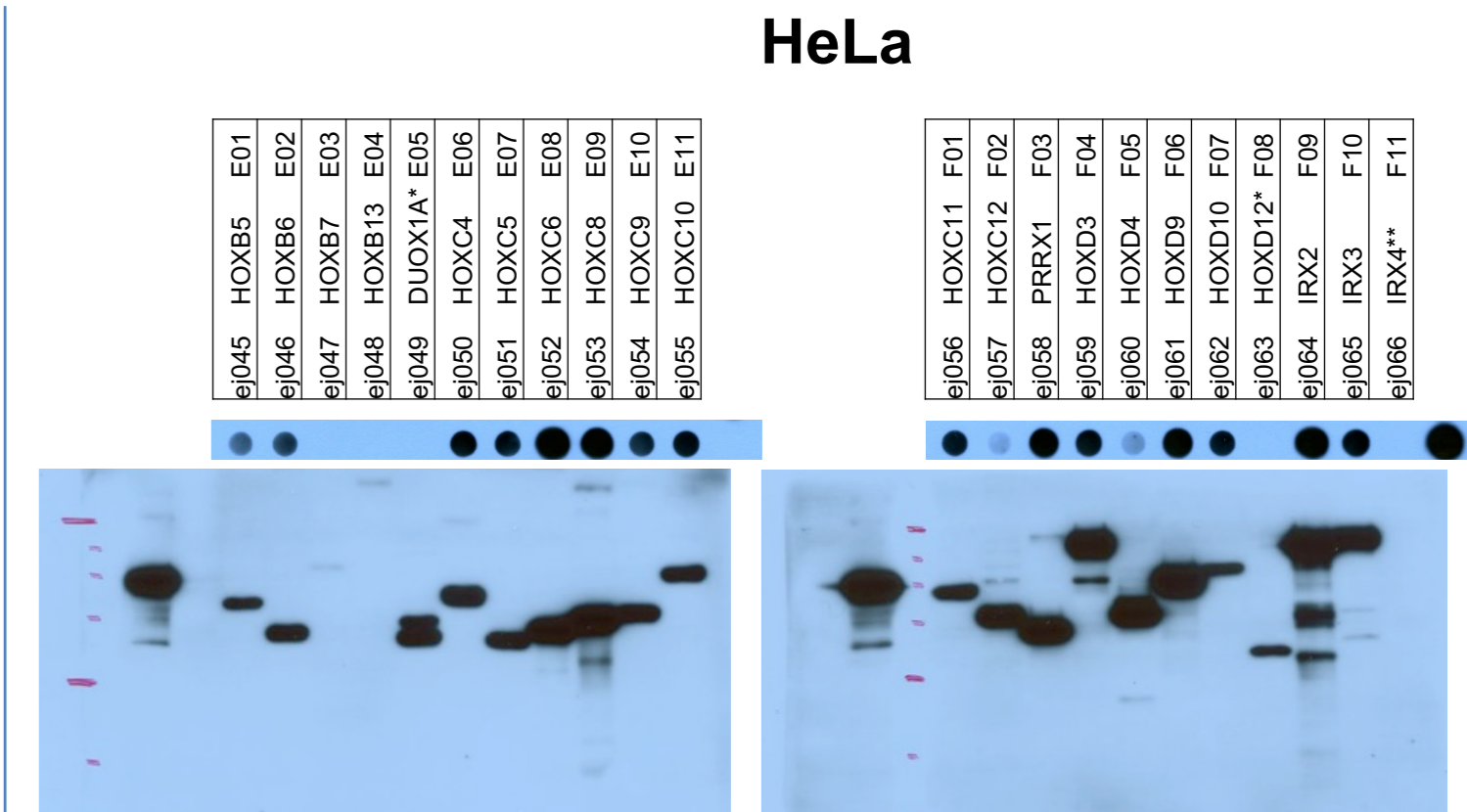
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*Isoform w/o HD
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*Isoform w/o HD
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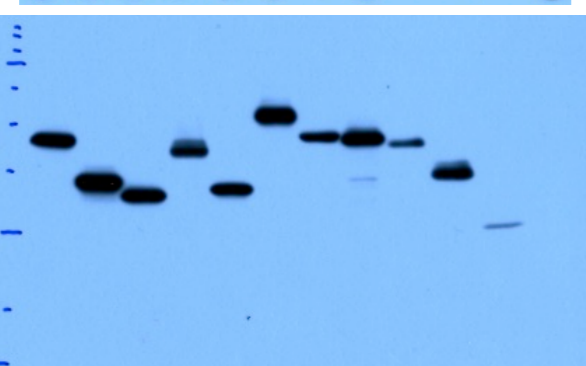


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293T

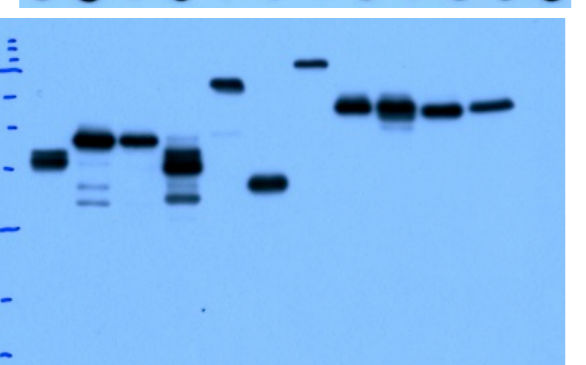
089-110

ej089	MEIS3	I01
ej090	MEIS3	I02
ej091	MEOX1	I03
ej092	MEOX2	I04
ej093	MIXL1	I05
ej094	MKX	I06
ej095	MSX1	I07
ej096	NANOG	I08
ej097	NKX2-1	I09
ej098	NKX2-2	I10
ej099	NKX2-3	I11



111-132

ej111	PAX3*	K01
ej112	PAX3	K02
ej113	PAX4**	K03
ej114	PAX5*	K04
ej115	PAX6	K05
ej116	PAX7	K06
ej117	PAX8*	K07
ej118	PBX2	K08
ej119	PBX3**	K09
ej120	PBX4	K10
ej121	PDX1	K11



*Isoform w/o HD
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GT1-7

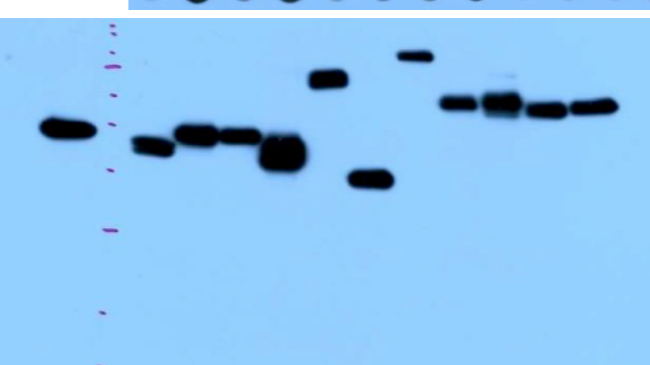
089-110

ej089	MEIS3	I01
ej090	MEIS3	I02
ej091	MEOX1	I03
ej092	MEOX2	I04
ej093	MIXL1	I05
ej094	MKX	I06
ej095	MSX1	I07
ej096	NANOG	I08
ej097	NKX2-1	I09
ej098	NKX2-2	I10
ej099	NKX2-3	I11



111-132

ej111	PAX3*	K01
ej112	PAX3	K02
ej113	PAX4**	K03
ej114	PAX5*	K04
ej115	PAX6	K05
ej116	PAX7	K06
ej117	PAX8*	K07
ej118	PBX2	K08
ej119	PBX3**	K09
ej120	PBX4	K10
ej121	PDX1	K11

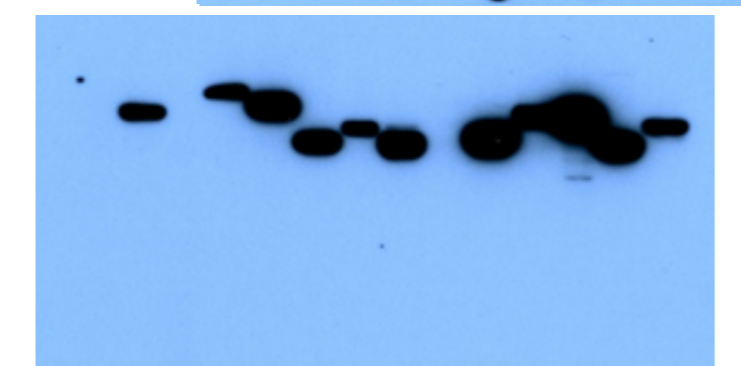


*Isoform w/o HD
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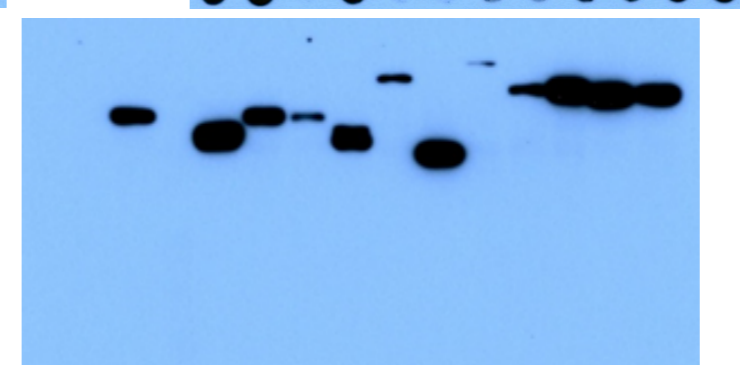
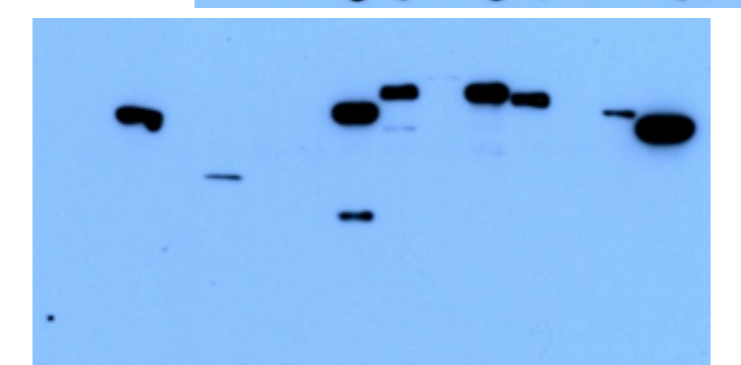
089-110

ej089	MEIS3	I01
ej090	MEIS3	I02
ej091	MEOX1	I03
ej092	MEOX2	I04
ej093	MIXL1	I05
ej094	MKX	I06
ej095	MSX1	I07
ej096	NANOG	I08
ej097	NKX2-1	I09
ej098	NKX2-2	I10
ej099	NKX2-3	I11



111-132

ej111	PAX3*	K01
ej112	PAX3	K02
ej113	PAX4**	K03
ej114	PAX5*	K04
ej115	PAX6	K05
ej116	PAX7	K06
ej117	PAX8*	K07
ej118	PBX2	K08
ej119	PBX3**	K09
ej120	PBX4	K10
ej121	PDX1	K11

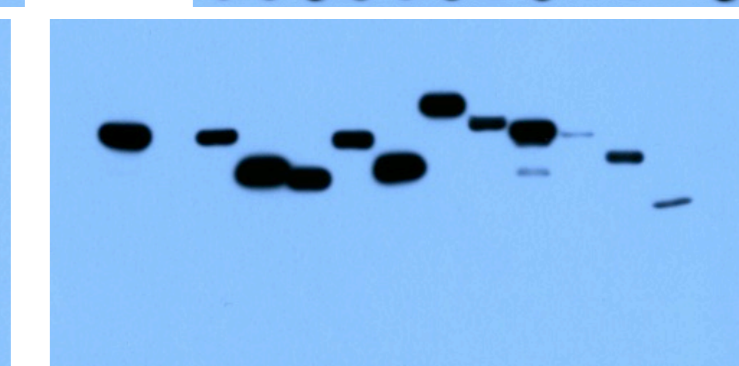
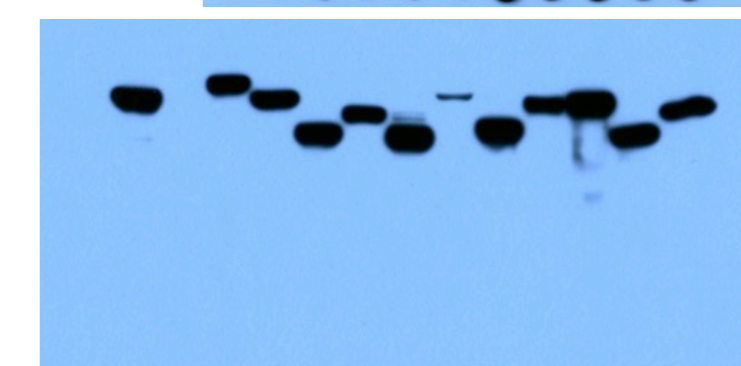


*Isoform w/o HD
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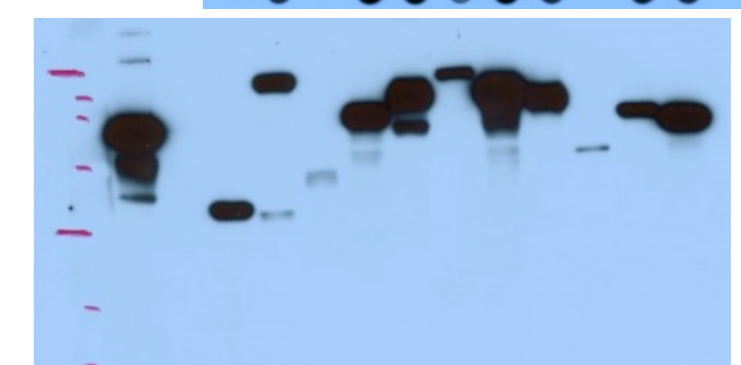
089-110

ej089	MEIS3a	I01
ej090	MEIS3b	I02
ej091	MEOX1	I03
ej092	MEOX2	I04
ej093	MIXL1	I05
ej094	MKX	I06
ej095	MSX1	I07
ej096	NANOG	I08
ej097	NKX2-1	I09
ej098	NKX2-2	I10
ej099	NKX2-3	I11



111-132

ej111	PAX3*	K01
ej112	PAX3	K02
ej113	PAX4	K03
ej114	PAX5*	K04
ej115	PAX6	K05
ej116	PAX7	K06
ej117	PAX8*	K07
ej118	PBX2	K08
ej119	PBX3	K09
ej120	PBX4	K10
ej121	PDX1	K11

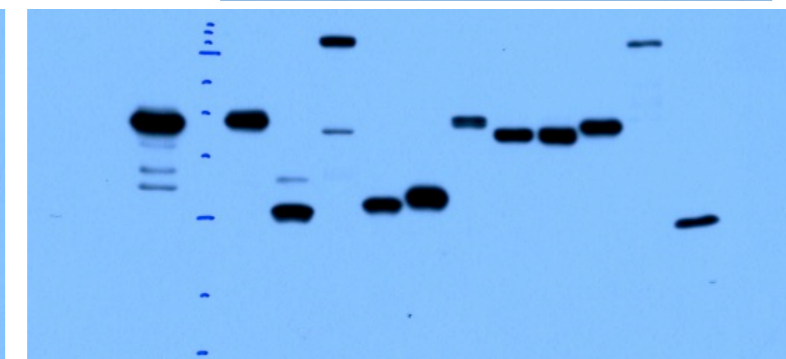
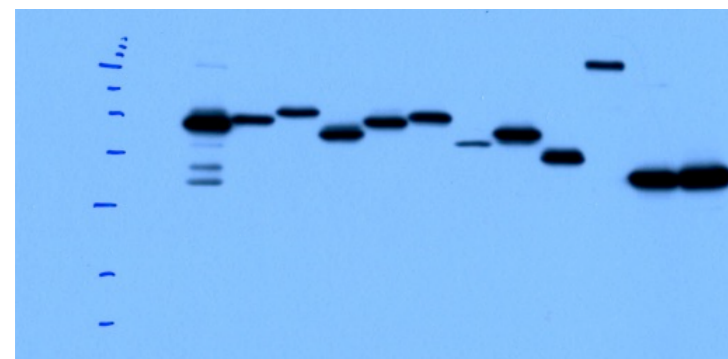


*Isoform w/o HD
**Not expressed

293T

133-154

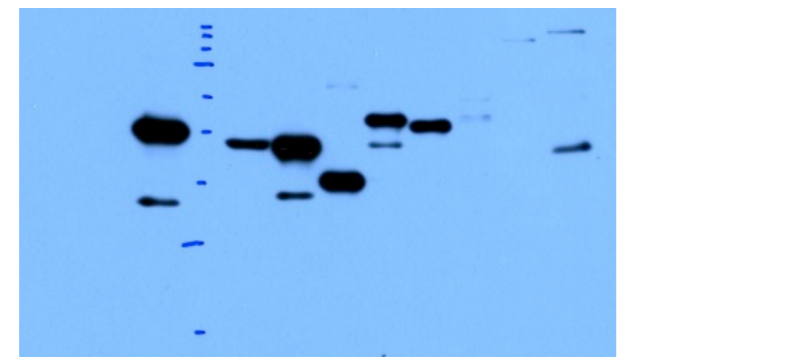
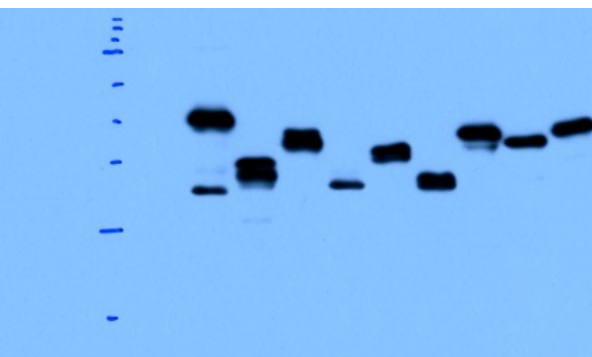
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ej134	POU4F2	M02
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ej136	POU4F3b	M04
ej137	POU5F1	M05
ej138	POU5F2	M06
ej139	POU6F1	M07
ej140	HOXC12	M08
ej141	PROX1	M09
ej142	PRRX1	M10
ej143	PRRX2	M11



ej144	RAX	N01
ej145	RAX2	N02
ej146	SATB2	N03
ej147	SEBOX	N04
ej148	SHOX	N05
ej149	SHOX2	N06
ej150	SIX1	N07
ej151	SIX2	N08
ej152	SIX3	N09
ej153	SIX4	N10
ej154	SIX5*	N11

155-170

ej155	SIX6	O01
ej156	TGIF1	O02
ej157	TGIF2	O03
ej158	TGIF2LX	O04
ej159	TGIF2LY	O05
ej160	TLX1	O06
ej161	TLX2	O07
ej162	TLX3	O08



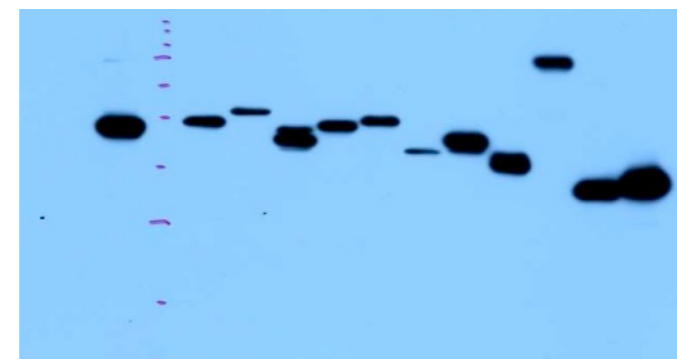
ej163	VAX1	O09
ej164	VAX2	O10
ej165	VENTX	O11
ej166	VSX1	P01
ej167	VSX2	P02
ej168	ZEB1	P03
ej169	ZFH3*	P04
ej170	ZHX3	P05

*Isoform w/o HD
**No expression

GT1-7

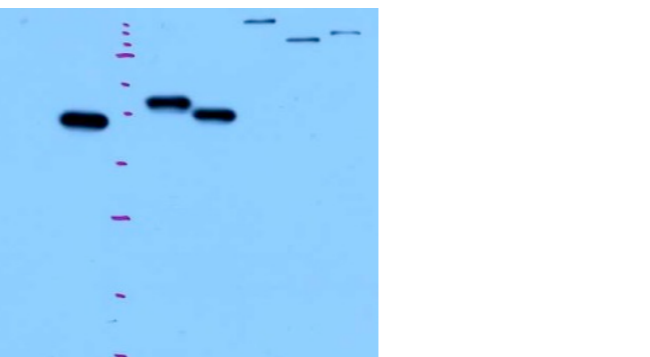
133-154

ej133	POU4F1	M01
ej134	POU4F2	M02
ej135	POU4F3a	M03
ej136	POU4F3b	M04
ej137	POU5F1	M05
ej138	POU5F2	M06
ej139	POU6F1	M07
ej140	HOXC12	M08
ej141	PROX1	M09
ej142	PRRX1	M10
ej143	PRRX2	M11



ej144	RAX	N01
ej145	RAX2	N02
ej146	SATB2	N03
ej147	SEBOX	N04
ej148	SHOX	N05
ej149	SHOX2	N06
ej150	SIX1	N07
ej151	SIX2	N08
ej152	SIX3	N09
ej153	SIX4	N10
ej154	SIX5*	N11

ej155	SIX6	O01
ej156	TGIF1	O02
ej157	TGIF2	O03
ej158	TGIF2LX	O04
ej159	TGIF2LY	O05
ej160	TLX1	O06
ej161	TLX2	O07
ej162	TLX3	O08
ej163	VAX1	O09
ej164	VAX2	O10
ej165	VENTX	O11



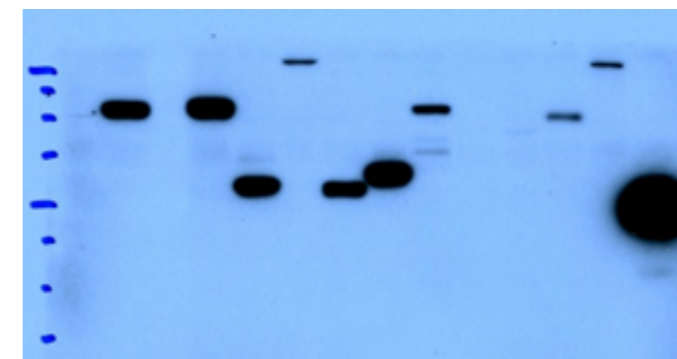
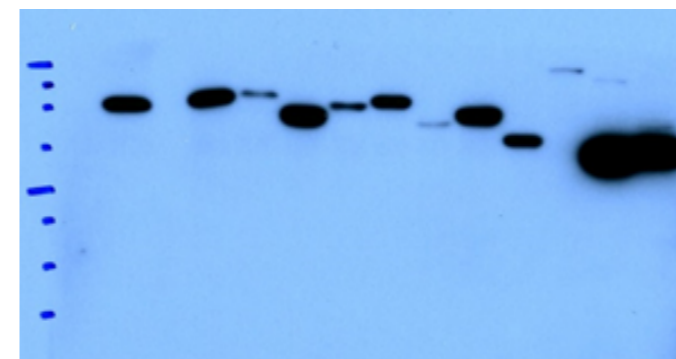
ej166	VSX1	P01
ej167	VSX2	P02
ej168	ZEB1	P03
ej169	ZFH3*	P04
ej170	ZHX3	P05

*Isoform w/o HD
**No expression

MDCK

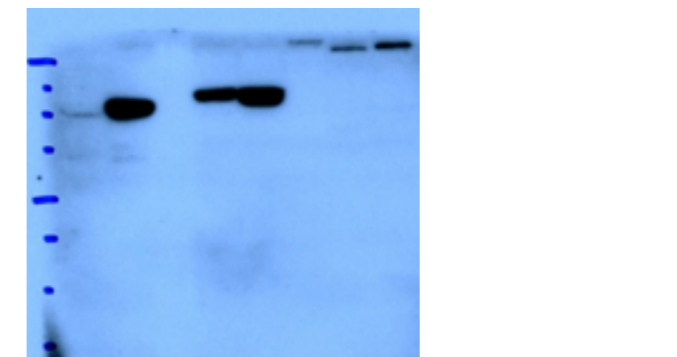
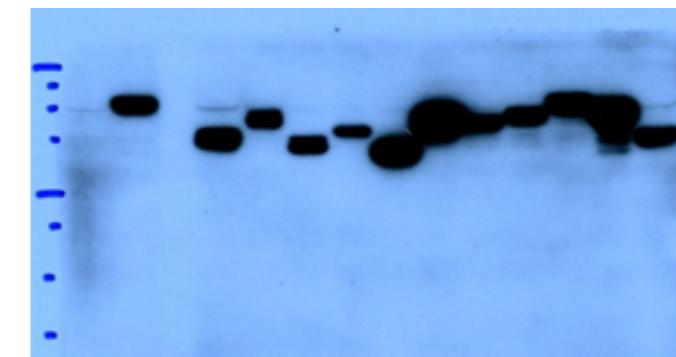
133-154

ej133	POU4F1	M01
ej134	POU4F2	M02
ej135	POU4F3a	M03
ej136	POU4F3b	M04
ej137	POU5F1	M05
ej138	POU5F2	M06
ej139	POU6F1	M07
ej140	HOXC12	M08
ej141	PROX1	M09
ej142	PRRX1	M10
ej143	PRRX2	M11



ej144	RAX	N01
ej145	RAX2	N02
ej146	SATB2	N03
ej147	SEBOX	N04
ej148	SHOX	N05
ej149	SHOX2	N06
ej150	SIX1	N07
ej151	SIX2	N08
ej152	SIX3	N09
ej153	SIX4	N10
ej154	SIX5*	N11

ej155	SIX6	O01
ej156	TGIF1	O02
ej157	TGIF2	O03
ej158	TGIF2LX	O04
ej159	TGIF2LY	O05
ej160	TLX1	O06
ej161	TLX2	O07
ej162	TLX3	O08
ej163	VAX1	O09
ej164	VAX2	O10
ej165	VENTX	O11



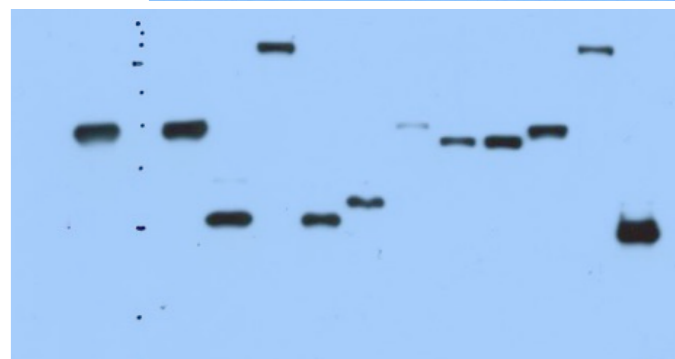
ej166	VSX1	P01
ej167	VSX2	P02
ej168	ZEB1	P03
ej169	ZFH3*	P04
ej170	ZHX3	P05

*Isoform w/o HD
**No expression

HeLa

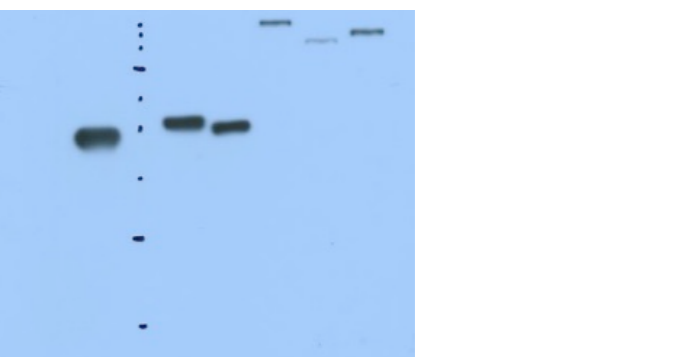
133-154

ej133	POU4F1	M01
ej134	POU4F2	M02
ej135	POU4F3a	M03
ej136	POU4F3b	M04
ej137	POU5F1	M05
ej138	POU5F2	M06
ej139	POU6F1	M07
ej140	HOXC12	M08
ej141	PROX1	M09
ej142	PRRX1	M10
ej143	PRRX2	M11



ej144	RAX	N01
ej145	RAX2	N02
ej146	SATB2	N03
ej147	SEBOX	N04
ej148	SHOX	N05
ej149	SHOX2	N06
ej150	SIX1	N07
ej151	SIX2	N08
ej152	SIX3	N09
ej153	SIX4	N10
ej154	SIX5*	N11

ej155	SIX6	O01
ej156	TGIF1	O02
ej157	TGIF2	O03
ej158	TGIF2LX	O04
ej159	TGIF2LY	O05
ej160	TLX1	O06
ej161	TLX2	O07
ej162	TLX3	O08
ej163	VAX1	O09
ej164	VAX2	O10
ej165	VENTX	O11



ej166	VSX1	P01
ej167	VSX2	P02
ej168	ZEB1	P03
ej169	ZFH3*	P04
ej170	ZHX3	P05

*Isoform w/o HD
**Not expressed