

Table S1. List of 100 cell lines.

Classification	Tissue/Histology	Cell Name	Cell No	Sex	Age
Normal	Lung	HFL-I	RCB0521	M	Fetus
		HFL-II	RCB0522	M	Fetus
		HFL-III	RCB0523	M	Fetus
		HFL-AE-III	RCB0684	UN	15FW
		HFL-AE-VI	RCB1613	UN	Fetus
		HFL-AE-VII	RCB1617	UN	Fetus
		TIG-1	RCB4467	F	0
		TIG-3	RCB4468	M	0
		TIG-7	RCB4469	M	0
	Skin	HFSK9t	RCB1542	M	15FW
		HFSKF-II	RCB0698	F	Fetus
		HFSKF-AE-V	RCB1139	UN	Fetus
		HS-K	RCB0159	F	UN
		NB1RGB	RCB0222	M	0
		NHSF46	RCB0162	M	46
	Umbilical cord	SF8406	RCB0584	F	14
		HUC-F	RCB0153	F	0
		HUC-F2	RCB0436	F	0
		HUC-Fm	RCB0197	M	0
	Embryo	HUC-Fm2	RCB0437	M	0
		HE16	RCB2237	UN	0
		HE31	RCB2248	UN	0
	MSC	HE40	RCB2259	UN	0
		BM	UE6E7-16	RCB2163	F
	UC	UCB-TERT-21	RCB2079	M	0
	Lymphoblastoid	CB-3512	RCB2531	UN	0
		HEV0011	HEV0011	M	27
		HEV0012	HEV0012	F	46
		HEV0024	HEV0024	F	39
		HEV0031	HEV0031	F	65
		HEV0032	HEV0032	M	64
		HEV0034	HEV0034	M	31
		HEV0037	HEV0037	M	54
		HEV0039	HEV0039	M	65
		HEV0054	HEV0054	F	47
		HEV0098	HEV0098	M	36
		HEV0101	HEV0101	M	57
		HEV0114	HEV0114	F	56
		HEV0121	HEV0121	F	37
		HEV0149	HEV0149	F	39
		HEV0178	HEV0178	F	39
		HEV0208	HEV0208	F	30
		HEV0218	HEV0218	M	46
		HEV0236	HEV0236	F	34
		HEV0240	HEV0240	F	39
		HEV0251	HEV0251	M	67
		HEV0295	HEV0295	M	71
		HEV0300	HEV0300	F	34
		HEV0325	HEV0325	M	54
		HEV0333	HEV0333	F	29
HEV0380		HEV0380	F	24	
HEV0388		HEV0388	F	52	
HEV0404		HEV0404	M	72	
HEV0410		HEV0410	F	57	
HEV0421		HEV0421	M	70	
HEV0498		HEV0498	F	26	
HEV0500	HEV0500	F	28		

Classification	Tissue/Histology	Cell Name	Cell No	Sex	Age	
Lung cancer	Adenocarcinoma	A110L	RCB2816	M	61	
		A129L	RCB3532	M	64	
		A529L	RCB2817	M	72	
		B901L	RCB3530	F	72	
		HLC-1	RCB0083	UN	UN	
		II-18	RCB2093	UN	UN	
		LC-2 ad	RCB0440	F	51	
		LCAM1	RCB1425	M	53	
		PC-9	RCB4455	M	45	
		RERF-LC-KJ	RCB1313	M	78	
		Large cell carcinoma	86-2	RCB2134	M	36
			A904L	RCB3531	M	46
	C831L		RCB2819	M	54	
	G603L		RCB3529	M	75	
	IA-LM		RCB0554	M	68	
	LU65		RCB1967	M	64	
	Lu99		RCB1900	M	63	
	T3M-10		RCB1020	M	40	
	Y-ML-1B		RCB5394	M	70	
	Squamous cell carcinoma		B1203L	RCB2818	M	52
		EBC-1	RCB1965	M	69	
		LC-1 sq	RCB0455	M	68	
		LK-2	RCB1970	M	74	
		MCC138c	RCB5007	M	75	
		MCC148c	RCB5008	M	84	
		RERF-LC-AI	RCB0444	M	UN	
		Sq-1	RCB1905	M	UN	
	Small cell carcinoma	87-5	RCB2092	M	64	
		Lu-134-A	RCB0466	M	80	
		Lu-135	RCB0468	M	69	
		Lu-138	RCB1785	M	78	
		Lu-139	RCB0469	M	63	
		Lu-140	RCB0470	M	53	
Lu-141		RCB1772	F	67		
Lu-143		RCB1773	M	60		
Lu-165		RCB1184	M	50		
Lu-24		RCB1771	F	42		
MS-1		RCB0725	M	54		
S1		RCB1966	F	58		
S2		RCB2133	M	UN		
T3M-11	RCB1022	M	UN			
T3M-12	RCB2281	M	UN			
WA-hT	RCB2279	M	56			

UN: unspecified

Table S3.

S3-1. Population statistics as of December 2022.

Total population estimate	12484x10 <sup>4</sup>
Foreign residents	3,075,213
Asian	2,594,216

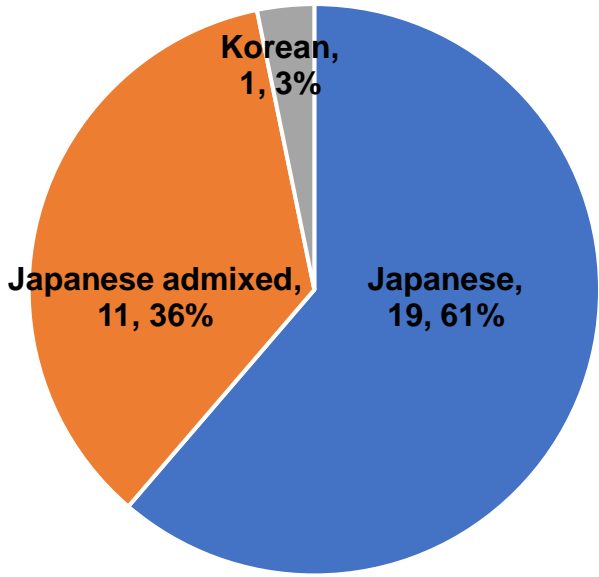
Data obtained from the government statistics portal (e-Stat).

S3-2. Vital Statistics as of 2013.

Total live births	1,042,813
Both or one foreign parent	32,529
Japanese and foreign parents	19,532

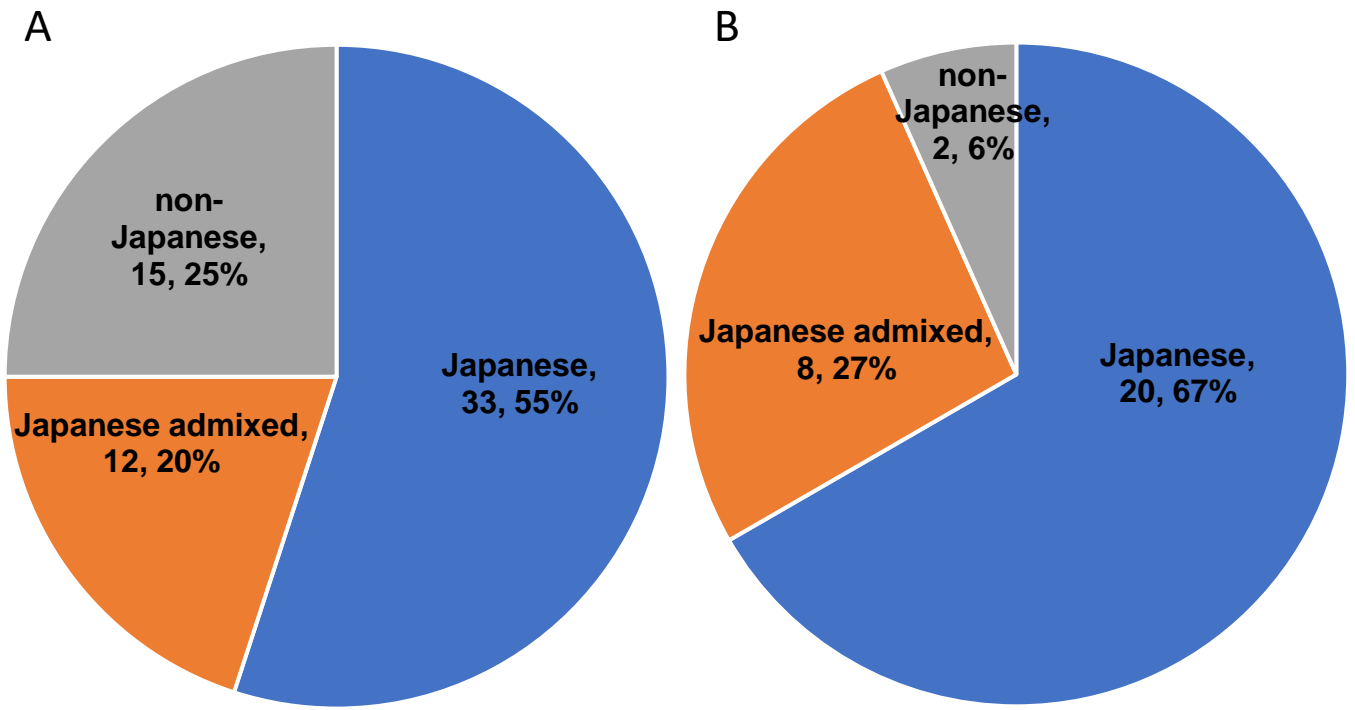
Data obtained from the government statistics portal (e-Stat).

Figure S1



Distribution of population groups focused on 31 HEV cell lines. Japanese genotypes, including East Asian admixture, accounted for 97%, with the exception of one Korean genotype. Numbers in the graphs indicate the number of cell lines.

Figure S2



Comparison of genotypes between male (A) and female (B) cell lines. These data are based on samples of 60 males and 30 females. Differences in sample size are influenced by bias resulting from a higher number of male lung cancer patients. Numbers in the graphs indicate the number of cell lines.