

Table S1 Clinical and pathological characteristics of patients

No	age (year)	gender	histologic type	smoking history	drinking history	The scope of primary tumor	Lymph node metastasis	Distant metastasis	TNM Stage
P001	67	male	lung cancer	Y	Y	T1	N0	M0	Ia
P002	49	female	lung adenocarcinoma	N	N	T4	N2	M1c	IVc
P003	75	female	lung adenocarcinoma	N	N	T4	N3	M1c	IVc
P004	60	male	squamous cell carcinoma	Y	Y	T2b	N1	M0	IIB
P005	57	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P006	63	male	squamous cell carcinoma	N	N	T1	N0	M0	Ia
P007	62	male	squamous cell carcinoma	Y	Y	T2b	N0	M0	IIa
P008	65	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P009	55	male	lung adenocarcinoma	Y	Y	T4	N3	M1	IV
P010	60	male	lung cancer	Y	Y	T1c	N2	M1c	IVb
P011	75	female	Adenosquamous carcinom	N	N	Tx	N2	M1c	IVb
P012	59	male	squamous cell carcinoma	Y	N	T4	N0	M1a	IVa
P013	55	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P014	60	male	squamous cell carcinoma	Y	Y	Scis	N0	M0	0
P015	67	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P016	52	female	lung adenocarcinoma	N	N	T4	N3	M1c	IVb
P017	64	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P018	61	male	squamous cell carcinoma	Y	N	T2b	N2	M0	IIIa
P019	73	male	Non small cell lung cancer	Y	Y	T1	N0	M0	Ia
P020	57	female	lung adenocarcinoma	N	N	T3	N2	M1	IV
P021	80	male	lung adenocarcinoma	N	N	T4	N3	M1c	IVb
P022	57	male	lung adenocarcinoma	N	Y	T1	N0	M0	Ia
P023	61	male	lung adenocarcinoma	Y	Y	T1b	N3	M1c	IVb
P024	63	male	squamous cell carcinoma	Y	Y	T3	N0	M0	IIB
P025	72	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia
P026	77	male	lung adenocarcinoma	Y	N	unknown	unknown	unknown	IV
P027	71	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P028	59	male	lung adenocarcinoma	Y	N	T3	N2	M1	IV
P029	56	male	lung adenocarcinoma	Y	Y	T2	N3	M0	IIIb
P030	54	male	squamous cell carcinoma	Y	N	T4	N2	M1b	IVa
P031	51	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P032	74	male	lung adenocarcinoma	Y	N	T3	N2	M1	IV
P033	60	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P034	65	female	lung adenocarcinoma	N	N	T2b	N2	M0	IIIa
P035	60	male	squamous cell carcinoma	Y	N	Tx	N2	M1	IVb
P036	55	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P037	61	male	lung adenocarcinoma	Y	Y	T2	N0	M1c	IVb
P038	54	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P039	69	female	lung adenocarcinoma	N	N	T1b	N2	M1a	IVa
P040	65	male	lung cancer	Y	N	T4	N3	M1	IV
P041	70	female	squamous cell carcinoma	N	N	T2	N2	M0	IIIa
P042	66	female	lung adenocarcinoma	N	N	T2	N0	M1	IV
P043	66	female	lung adenocarcinoma	N	N	T4	N3	M1	IV
P044	70	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P045	69	male	lung adenocarcinoma	Y	N	T2b	N0	M1c	IVb
P046	63	male	lung adenocarcinoma	N	N	T2	N0	M1	IV
P047	50	male	lung adenocarcinoma	Y	Y	T3	N3	M1c	IVb
P048	69	male	lung adenocarcinoma	Y	Y	T4	N3	M1	IV
P049	63	male	lung adenocarcinoma	Y	Y	T1c	N0	M0	Ia3
P050	55	female	lung adenocarcinoma	N	N	T2	N2	M1	IV
P051	60	male	squamous cell carcinoma	Y	N	T2b	N2	M0	IIIa
P052	56	male	lung adenocarcinoma	Y	Y	unknown	unknown	unknown	IV
P053	71	female	lung adenocarcinoma	N	N	T4	N3	M1b	IVb

P054	71	male	lung cancer	Y	Y	Tis	N0	M0	0
P055	57	female	lung adenocarcinoma	N	N	T2	N0	M0	IIa
P056	51	male	lung adenocarcinoma	Y	N	T2	N3	M1c	IVb
P057	73	male	squamous cell carcinoma	Y	N	T2	N3	M1	IV
P058	66	male	squamous cell carcinoma	Y	Y	T4	N1	M0	IIIa
P059	70	male	squamous cell carcinoma	Y	N	T3	N1	M0	IIIa
P060	66	male	lung adenocarcinoma	Y	N	T4	N2	M0	IIIb
P061	67	male	lung adenocarcinoma	N	N	T2a	N2	M0	IIIa
P062	57	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P063	54	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P064	61	female	lung adenocarcinoma	N	N	T4	N0	M1a	Ia
P065	62	female	lung adenocarcinoma	N	N	T4	N3	M1b	IVb
P066	67	female	lung adenocarcinoma	N	N	T3	N3	M1	IV
P067	60	female	lung adenocarcinoma	N	N	T3	N2	M1	IV
P068	66	female	lung adenocarcinoma	N	N	T3	N2	M1c	IVb
P069	68	male	lung adenocarcinoma	Y	N	Tx	N2	M1	IV
P070	53	male	squamous cell carcinoma	Y	N	T4	N2	M0	IIIb
P071	61	female	lung adenocarcinoma	N	N	T1	N2	M0	IIIa
P072	72	male	lung adenocarcinoma	N	Y	T4	N2	M1	IV
P073	44	male	lung adenocarcinoma	Y	Y	T3	N2	M1b	IVa
P074	72	male	squamous cell carcinoma	Y	Y	T2	N1	M0	IIB
P075	64	male	lung adenocarcinoma	Y	N	T2b	N3	M1c	IVb
P076	52	male	squamous cell carcinoma	Y	Y	T2	N1	M0	IIa
P077	77	male	squamous cell carcinoma	Y	N	T2	N0	M0	IIa
P078	76	male	lung adenocarcinoma	Y	Y	T4	N2	M1	IV
P079	71	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P080	51	male	lung adenocarcinoma	Y	N	T1b	N3	M1	IVb
P081	47	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P082	57	male	squamous cell carcinoma	Y	Y	T4	N2	M0	IIIb
P083	56	male	lung adenocarcinoma	N	N	unknown	unknown	unknown	IV
P084	49	female	lung adenocarcinoma	N	N	T2	N3	M1	IV
P085	62	female	lung adenocarcinoma	N	N	T1c	N3	M1c	IVb
P086	69	male	Non small cell lung cance	N	N	T2	N3	M0	IIIb
P087	62	male	lung adenocarcinoma	Y	Y	T2	N2	M1a	IVa
P088	74	female	lung adenocarcinoma	N	N	T3	N0	M0	IIB
P089	55	female	lung adenocarcinoma	N	N	T1	N0	M1	IVa
P090	64	male	squamous cell carcinoma	Y	Y	T4	N1	M0	IIIa
P091	63	male	lung adenocarcinoma	Y	N	T4	N2	M1a	IVa
P092	56	male	squamous cell carcinoma	Y	Y	T4	N0	M0	IIIa
P093	64	female	lung adenocarcinoma	N	N	T4	N2	M1c	IVb
P094	61	male	lung adenocarcinoma	Y	Y	T2	N2	M1	IV
P095	57	female	lung adenocarcinoma	N	N	T2	N2	M1c	IVb
P096	65	female	lung adenocarcinoma	N	N	T2	N1	M0	IIa
P097	64	male	squamous cell carcinoma	Y	Y	T2	N2	M0	IIIa
P098	74	male	squamous cell carcinoma	Y	Y	T2	N2	M0	IIIa
P099	34	female	lung adenocarcinoma	N	N	T4	N3	M1	IV
P100	44	male	lung adenocarcinoma	Y	Y	T4	N2	M0	IIIb
P101	58	female	lung adenocarcinoma	Y	Y	T4	N2	M1a	IVa
P102	82	male	lung adenocarcinoma	Y	N	T2	N2	M1	IV
P103	70	male	lung adenocarcinoma	Y	N	T4	N2	M0	IIIb
P104	61	male	lung adenocarcinoma	N	N	T4	N3	M1b	IVb
P105	59	female	lung adenocarcinoma	N	N	T2	N3	M1	IVb
P106	60	male	lung adenocarcinoma	Y	Y	T4	N3	M1a	IVa
P107	68	male	Non small cell lung cance	Y	Y	T4	NX	M1	IV
P108	70	male	lung adenocarcinoma	Y	Y	T2	N2	M0	IIIa
P109	63	female	lung adenocarcinoma	N	N	T1	N2	M0	IIIa
P110	79	male	lung adenocarcinoma	Y	N	Ais	N0	M0	0
P111	54	male	squamous cell carcinoma	Y	Y	T2a	N2	M0	IIIa
P112	71	male	lung adenocarcinoma	Y	Y	T4	N3	M1	IV

P113	59	male	squamous cell carcinoma	Y	Y	T4	N0	M1	IV
P114	64	female	lung adenocarcinoma	N	N	T1	N3	M0	IIIb
P115	48	female	lung adenocarcinoma	N	N	T3	N2	M1c	IVb
P116	58	female	squamous cell carcinoma	N	N	T4	N0	M0	IIIa
P117	61	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P118	72	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P119	67	male	lung adenocarcinoma	Y	Y	pT1C	N0	M0	Ia3
P120	72	male	squamous cell carcinoma	Y	Y	T1	N0	M0	Ia
P121	61	male	Adenosquamous carcinom	Y	Y	T2	N2	M1	IV
P122	49	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P123	50	female	lung adenocarcinoma	N	N	T1a	N0	M0	Ia1
P124	46	male	lung adenocarcinoma	Y	Y	Tx	N3	M1b	IVb
P125	71	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P126	52	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P127	67	female	lung adenocarcinoma	N	N	T2	N1	M0	IIb
P128	48	male	lung adenocarcinoma	Y	Y	T1b	N3	M0	IIIb
P129	63	female	lung adenocarcinoma	N	N	T2b	N0	M0	IIa
P130	52	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P131	75	female	Non small cell lung cance	N	N	T2a	N0	M0	Ib
P132	64	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P133	81	male	squamous cell carcinoma	Y	N	T1	N0	M0	Ib
P134	31	female	lung adenocarcinoma	N	N	T1a	N0	M0	Ia1
P135	56	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P136	53	male	squamous cell carcinoma	Y	Y	T3	N3	M0	IIIc
P137	64	male	squamous cell carcinoma	Y	Y	T2	N3	M0	IIIb
P138	73	female	lung adenocarcinoma	N	N	T1c	N0	M0	Ia3
P139	64	female	lung adenocarcinoma	N	N	unknown	unknown	unknown	unknown
P140	61	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P141	58	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia2
P142	63	male	cell neuroendocrine carci	Y	Y	T1c	N1	M0	IIb
P143	51	male	lung adenocarcinoma	N	N	T1b	N0	M0	Ia
P144	55	male	Mucoepidermoid carcinom	Y	N	T2	N1	M0	IIb
P145	54	male	Non small cell lung cance	Y	Y	T2a	N3	M0	IIIb
P146	65	male	lung adenocarcinoma	Y	Y	T1	N0	M0	Ia
P147	74	male	lung adenocarcinoma	Y	Y	T1	N0	M0	Ia
P148	74	male	squamous cell carcinoma	Y	Y	T3	N3	M1c	IVb
P149	62	male	squamous cell carcinoma	Y	Y	Scis	N0	M0	0
P150	72	male	squamous cell carcinoma	Y	N	unknown	unknown	unknown	unknown
P151	71	female	lung adenocarcinoma	N	N	T4	N2	M1	IV
P152	60	male	lung adenocarcinoma	Y	Y	T2	N2	M1c	IVb
P153	53	male	squamous cell carcinoma	Y	N	Tx	N2	M1	IV
P154	41	female	lung adenocarcinoma	N	N	T4	N2	M0	IIIb
P155	76	male	squamous cell carcinoma	Y	N	T1c	N3	M1c	IVb
P156	46	male	lung adenocarcinoma	Y	N	T1	N2	M0	IIIa
P157	48	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P158	62	male	lung adenocarcinoma	Y	Y	T2	N2	M0	IIIa
P159	72	male	lung adenocarcinoma	Y	Y	T4	N3	M0	IIIb
P160	76	male	lung adenocarcinoma	N	N	Tx	N2	M0	III
P161	52	male	lung adenocarcinoma	Y	N	T1	N3	M1c	IVb
P162	59	male	lung adenocarcinoma	Y	Y	T4	N3	M1	IV
P163	49	male	lung adenocarcinoma	N	N	Ais	N0	M0	0
P164	63	female	lung adenocarcinoma	N	N	T3	N1	M0	IIIa
P165	44	male	lung adenocarcinoma	Y	N	T3	N3	M1	IV
P166	61	male	squamous cell carcinoma	Y	Y	T4	N2	M1a	IVa
P167	68	male	lung adenocarcinoma	Y	Y	T2a	N2	M0	III
P168	64	male	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P169	61	female	lung adenocarcinoma	N	N	T1	N2	M1	IV
P170	73	male	squamous cell carcinoma	Y	Y	T4	N2	M0	IIIa
P171	68	male	squamous cell carcinoma	Y	N	T4	N2	M0	IIIa

P172	73	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P173	57	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P174	54	male	squamous cell carcinoma	Y	N	T2	N2	M0	IIIa
P175	70	male	squamous cell carcinoma	Y	N	T4	N0	M0	IIIa
P176	68	female	lung adenocarcinoma	N	N	unknown	unknown	unknown	IV
P177	65	male	lung adenocarcinoma	Y	N	T1c	N0	M0	Ia3
P178	48	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P179	75	male	lung adenocarcinoma	N	N	T4	N3	M1	IV
P180	65	male	lung adenocarcinoma	Y	Y	T2a	N3	M1c	IVb
P181	65	male	squamous cell carcinoma	Y	N	T2	N2	M0	IIIb
P182	56	male	squamous cell carcinoma	Y	Y	T1	N0	M0	Ia
P183	52	male	lung adenocarcinoma	Y	Y	T2	N2	M0	III
P184	85	male	squamous cell carcinoma	Y	Y	T2	N2	M1	IV
P185	61	female	lung adenocarcinoma	N	N	T2	N2	M1c	IVb
P186	76	male	squamous cell carcinoma	Y	Y	T2b	N1	M0	IIB
P187	65	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P188	47	male	lung adenocarcinoma	Y	N	T2	N0	M1	IV
P189	62	male	lung adenocarcinoma	N	N	T4	N3	M1	IV
P190	66	female	lung adenocarcinoma	N	N	T2a	N1	M0	IIa
P191	42	female	lung adenocarcinoma	N	N	T2a	N2	M1	IVa
P192	44	female	lung adenocarcinoma	N	N	T4	N3	M1	IV
P193	62	male	squamous cell carcinoma	Y	Y	T1	N0	M0	Ia
P194	64	male	cell neuroendocrine carcinoma	Y	Y	T1	N0	M0	Ia
P195	59	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia
P196	78	male	squamous cell carcinoma	N	N	T2b	N0	M0	IIa
P197	51	male	lung adenocarcinoma	Y	Y	T1	N0	M0	Ia
P198	47	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P199	71	male	squamous cell carcinoma	Y	Y	T2a	N1	M0	IIa
P200	69	female	lung adenocarcinoma	Y	Y	T2	N3	M0	IIIb
P201	78	male	squamous cell carcinoma	Y	Y	T3	N3	M0	IIIb
P202	71	male	lung adenocarcinoma	Y	Y	T1	N3	M0	III
P203	51	male	lung adenocarcinoma	Y	Y	T4	N3	M1	IV
P204	53	female	lung adenocarcinoma	N	N	T1c	N2	M0	III
P205	52	female	lung adenocarcinoma	N	Y	T1b	N0	M0	Ia
P206	70	female	lung adenocarcinoma	N	N	T2b	N2	M1	IVb
P207	52	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P208	51	male	lung adenocarcinoma	Y	Y	T4	N0	M0	IIIa
P209	72	female	lung adenocarcinoma	N	N	T2b	N2	M0	IIIa
P210	55	male	lung adenocarcinoma	Y	Y	T2	N2	M0	IIIa
P211	69	male	squamous cell carcinoma	Y	Y	T4	N0	M0	IIIa
P212	54	male	lung adenocarcinoma	Y	N	T1	N0	M0	Ia
P213	60	male	squamous cell carcinoma	Y	Y	T2b	N3	M0	IIIb
P214	72	male	lung adenocarcinoma	Y	N	T1	N0	M0	Ia
P215	62	male	squamous cell carcinoma	Y	Y	T2	N0	M0	IIa
P216	62	male	lung adenocarcinoma	Y	Y	T1c	N3	M0	III
P217	72	male	lung adenocarcinoma	Y	N	T2	N3	M0	IIIb
P218	66	male	squamous cell carcinoma	Y	Y	T2	N0	M0	II
P219	41	male	lung adenocarcinoma	Y	N	T1c	N0	M0	Ia3
P220	63	male	lung adenocarcinoma	Y	Y	T1	N0	M0	Ia
P221	52	male	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P222	58	male	lung adenocarcinoma	Y	Y	T2	N2	M0	IIIa
P223	69	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P224	45	male	lung adenocarcinoma	N	N	T4	N2	M0	IIIb
P225	82	male	lung adenocarcinoma	Y	N	T1	N3	M0	III
P226	54	male	squamous cell carcinoma	Y	Y	T3	N2	M0	IIIb
P227	74	male	lung adenocarcinoma	Y	N	T2	N0	M0	Ib
P228	70	female	lung adenocarcinoma	Y	N	T1	N0	M0	Ia
P229	53	male	lung adenocarcinoma	N	N	T2	N0	M0	II
P230	63	male	squamous cell carcinoma	Y	N	T2	N1	M0	IIB

P231	67	male	lung adenocarcinoma	N	Y	T1b	N0	M0	Ia2
P232	63	male	lung adenocarcinoma	N	N	T1a	N0	M0	Ia1
P233	48	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P234	52	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P235	45	female	lung cancer	N	N	T1	N0	M0	Ia
P236	51	female	lung adenocarcinoma	N	N	T1c	N1	M0	IIB
P237	76	male	squamous cell carcinoma	Y	Y	T3	N0	M0	IIB
P238	58	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P239	49	female	lung adenocarcinoma	N	N	Ais	N0	M0	0
P240	60	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P241	62	male	lung adenocarcinoma	Y	N	T2	N0	M0	Ib
P242	67	male	lung adenocarcinoma	Y	Y	T2	N0	M0	Ib
P243	62	female	lung adenocarcinoma	N	N	T2	N0	M0	Ib
P244	63	male	squamous cell carcinoma	Y	N	T1	N0	M0	I
P245	61	male	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P246	77	male	squamous cell carcinoma	Y	N	T1	N0	M0	Ia
P247	46	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P248	64	male	squamous cell carcinoma	Y	N	T1b	N0	M0	Ia2
P249	50	female	lung adenocarcinoma	N	N	T2a	N0	M0	Ib
P250	59	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P251	79	female	squamous cell carcinoma	Y	N	T2	N1	M0	IIB
P252	70	male	lung adenocarcinoma	Y	Y	T2a	N0	M0	Ib
P253	66	male	Adenosquamous carcinom	Y	Y	T2	N1	M0	IIB
P254	69	male	lung adenocarcinoma	Y	Y	T1b	N1	M0	IIB
P255	66	male	squamous cell carcinoma	Y	N	T2	N1	M0	IIB
P256	71	female	lung adenocarcinoma	N	N	T1c	N0	M0	Ia3
P257	53	male	lung adenocarcinoma	Y	Y	T1	N0	M0	Ia
P258	61	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P259	75	male	squamous cell carcinoma	Y	N	T3	N0	M0	IIB
P260	53	female	lung adenocarcinoma	N	N	T2a	N0	M0	Ib
P261	61	male	squamous cell carcinoma	Y	N	T2	N1	M0	IIB
P262	59	male	lung adenocarcinoma	Y	N	T2a	N0	M0	Ib
P263	45	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia
P264	73	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P265	62	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P266	55	female	lung adenocarcinoma	N	N	T1b	N0	M0	Ia2
P267	53	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P268	52	male	squamous cell carcinoma	Y	N	T2	N0	M0	Ib
P269	66	female	lung adenocarcinoma	N	N	T2a	N1	M0	IIB
P270	61	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P271	68	male	lung adenocarcinoma	N	N	T2	N0	M0	IIB
P272	57	female	lung adenocarcinoma	N	N	T1	N0	M0	Ia
P273	69	male	lung adenocarcinoma	Y	N	T2	N2	M1b	IVa
P274	61	male	lung adenocarcinoma	Y	Y	T2	N2	M1	IV
P275	43	female	lung adenocarcinoma	N	N	T2	N0	M0	Ia
P276	69	male	lung adenocarcinoma	N	N	T1	N0	M0	Ia

No	Inpatient No	CEA	CYFRA 21-1	miRNA 20b-5p (Δ CT)	miRNA 3187-5p (Δ CT)
P001	527411	3.73	6.62	2.485	1.68
P002	527488	108.70	12.30	3.865	2.095
P003	527384	15.94	3.62	3.405	1.58
P004	527511	2.20	unknown	4.115	2.475
P005	527342	1.13	1.14	5.235	3.635
P006	527501	2.20	4.92	3.54	2.195
P007	527307	4.14	5.89	3.95	3.195
P008	527603	0.91	3.18	3.985	3.075

P009	527863	5.50	2.24	2.575	1.695
P010	527711	5.01	7.22	4.635	3.555
P011	527713	2.46	21.86	4.95	3.08
P012	527723	2.95	2.16	4.385	2.285
P013	527725	3.47	2.05	4.525	1.86
P014	529512	0.78	2.29	5.51	3.8
P015	527735	1.12	1.49	3.415	1.59
P016	527740	46.65	14.07	3.535	3.38
P017	527749	1.46	2.11	4.715	2.565
P018	527773	3.72	3.86	3.98	2.215
P019	529704	4.16	2.65	4.94	2.38
P020	527780	49.02	6.66	4.9	2.625
P021	527810	749.70	5.66	4.97	3.36
P022	529791	1.86	1.63	5.86	3.23
P023	527822	17.32	5.86	5.17	3.205
P024	527826	5.45	5.26	3.545	2.18
P025	527838	2.00	1.19	1.525	3.27
P026	527851	5.21	3.53	1.76	1.805
P027	527890	1.12	3.45	4.29	3.01
P028	527918	95.31	2.05	3.13	4.765
P029	527927	5.28	7.99	3.4	3.895
P030	527948	3.23	21.27	2.615	4.455
P031	527953	1.21	2.10	2.255	4.44
P032	527957	50.38	6.82	4.33	4.28
P033	527968	2.54	1.55	5.645	3.155
P034	528026	3.22	5.63	3.96	3.34
P035	528071	2.24	10.74	3.97	4.355
P036	528093	1.35	2.11	5.095	4.125
P037	529788	12.98	4.97	2.625	2.885
P038	528101	0.36	1.16	4.53	3.95
P039	528103	5.78	1.30	2.885	3.705
P040	528100	3.25	6.46	2.185	4.295
P041	528140	2.83	9.74	2.65	3.07
P042	528170	8.39	1.20	3.205	3.535
P043	528206	7.83	15.69	3.745	4.42
P044	528218	2.62	8.82	2.3	2.515
P045	528253	41.85	2.54	2.38	3.945
P046	528263	80.22	10.06	2.015	3.33
P047	528269	2.43	64.94	2.12	4.42
P048	528272	141.90	4.73	1.91	0.925
P049	528276	4.83	2.43	2.23	2.09
P050	528277	3.82	7.97	3.36	2.665
P051	528550	3.35	4.55	3.495	2.69
P052	528555	4.75	4.03	3.875	2.9
P053	528564	25.41	9.44	4.145	2.935
P054	528611	2.58	2.64	2.975	2.165
P055	528632	2.08	1.09	2.41	1.715
P056	528633	8.87	46.16	4.44	3.15
P057	528670	2.78	18.22	4.64	3.825
P058	528095	2.70	5.62	3.045	3.68
P059	528736	7.21	14.51	3.435	2.815
P060	528729	14.17	2.98	4.33	3.535
P061	528678	4.38	4.76	3.72	2.555
P062	528648	2.35	1.84	4.29	3.01
P063	528556	2.06	4.50	2.965	2.545
P064	528714	39.88	1.48	3.2	2.865
P065	528730	1.74	2.62	3	3.28
P066	528747	84.84	7.03	3.695	2.835
P067	528757	35.94	2.65	3.265	3.425

P068	528771	3.33	3.84	3.21	2.505
P069	528777	2.65	5.76	3.98	3.455
P070	528781	2.29	6.91	2.43	3.09
P071	528784	56.60	1.25	4.105	3.635
P072	528791	378.70	6.33	3.59	2.81
P073	528839	141.50	9.65	4.72	3.79
P074	528893	1.83	13.94	4.66	3
P075	528870	1549.00	unknown	5.94	4.39
P076	529778	4.07	1.80	3.625	0.585
P077	528913	2.84	2.26	4.47	3.52
P078	528932	9.56	5.59	5.11	4.12
P079	528889	4.15	3.82	5.695	4.53
P080	528890	35.10	5.07	4.72	4.825
P081	528968	1.65	3.31	3.225	2.8
P082	528985	4.72	7.76	4.895	3.535
P083	529002	44.93	24.86	6.295	5.255
P084	529013	23.30	8.07	4.85	3.565
P085	529032	6.59	20.42	5.26	4.43
P086	529054	3.69	1.26	4.21	3.955
P087	529089	2.38	17.89	4.255	3.67
P088	529084	1.45	8.19	4.77	3.73
P089	529053	39.72	2.92	3.03	2.55
P090	528418	3.45	7.57	1.855	4.18
P091	529138	7.60	3.28	4.905	3.775
P092	529263	1.83	4.37	3.94	3.235
P093	529238	134.00	3.64	3.25	0.65
P094	529229	5.61	7.42	4.315	4.295
P095	529221	2.25	5.80	4.035	2.36
P096	529203	1.26	3.65	4.125	2.625
P097	529198	3.15	4.02	5.145	3.225
P098	527821	22.76	3.84	5.01	2.575
P099	529180	41.49	4.26	5.18	3.155
P100	529174	3.48	1.73	5.605	4.015
P101	529156	17.78	7.82	5.035	3.455
P102	529130	9.56	6.31	4.76	2.675
P103	529265	3992.00	5.34	4.25	2.79
P104	529279	11.24	25.57	4.45	2.93
P105	529305	37.24	18.50	4.54	2.495
P106	529312	19.85	7.70	3.84	2.875
P107	529354	2.37	4.40	5.65	3.915
P108	529348	3.70	5.70	6.065	4.71
P109	529533	3.60	1.42	4.505	2.43
P110	529524	9.06	7.08	4.915	3.13
P111	529665	6.79	3.59	6.155	3.345
P112	529461	259.00	71.86	4.465	2.33
P113	529523	8.03	5.02	3.515	1.72
P114	529561	5.13	2.22	5.185	3.15
P115	529534	19.89	5.12	5.2	3.37
P116	529572	36.41	7.38	5.085	3.225
P117	529806	4.7	1.94	3.815	1.32
P118	529764	2.18	1.92	4.55	1.93
P119	529709	2.29	1.34	5.135	2.4
P120	529705	2.25	2.12	5.72	3.725
P121	530166	40.9	8.3	4.185	1.475
P122	529728	0.43	1.22	4.355	3.015
P123	529675	1.28	1.37	4.85	2.095
P124	527732	1.40	11.36	5.325	3.525
P125	529661	3.8	1.33	6.17	3.455
P126	529659	1.93	2.98	5.75	3.26

P127	529658	1.96	1.92	4.77	2.415
P128	527774	5.35	4.65	5.68	3.535
P129	529821	4.65	5.47	4.825	2.555
P130	529845	1.26	2.19	5.235	2.785
P131	529982	3.57	1.74	5.685	3.08
P132	529926	3.03	2.5	4.93	2.485
P133	529975	4.31	3.24	5.365	2.85
P134	530043	1.74	1.14	5.455	3.1
P135	530010	125	3.89	5.575	2.895
P136	529915	3.82	6.41	6.05	3.87
P137	528742	5.75	1.77	3.915	2.58
P138	530219	8.42	5.33	4.59	2.14
P139	530181	1.56	2.49	4.95	2.415
P140	528744	0.82	1.04	3.86	1.495
P141	528875	1.88	0.97	4.46	2.305
P142	529063	7.56	1.17	5.455	3.005
P143	528931	1.94	1.65	5.105	2.97
P144	528956	1.1	2.62	6.915	3.99
P145	528845	6.39	3.13	5.415	4.275
P146	529350	1.93	3.56	4.085	2.035
P147	529458	5.15	5.28	3	1.215
P148	529441	63.26	16.76	5.535	3.81
P149	529749	6.95	8.72	6.23	4.24
P150	529734	18.32	11.17	4.62	2.575
P151	529648	4.93	2.95	4.755	2.345
P152	529606	2.15	4.85	3.765	2
P153	529669	3.34	6.42	4.69	4.495
P154	529046	63.6	5.1	3.48	1.71
P155	529251	88.5	46.56	3.375	3.23
P156	529682	11.02	1.56	4.18	4.15
P157	529634	0.93	2.24	3.895	4.16
P158	529777	32.7	1.82	3.325	2.635
P159	529143	2.3	3.15	4.69	2.35
P160	529799	66.49	4.24	4.36	3.99
P161	529810	10.76	4.71	3.65	3.855
P162	529824	3.22	3.63	3.96	4.34
P163	529829	1.02	2.37	3.945	4.025
P164	529837	3.34	15.96	3.795	3.51
P165	529861	125.4	6.08	4.49	5.065
P166	529877	1.34	3.25	3.145	4.16
P167	529884	3.08	1.27	4.5	3.77
P168	529910	1.42	1.75	4.515	4.215
P169	529917	73.76	5.39	4.48	4.085
P170	530005	3.31	3.24	1.415	1.26
P171	530026	17.46	28.75	3.71	2.965
P172	530075	2.62	2.5	3.685	3.085
P173	530073	2.73	4.14	3.87	3.375
P174	530049	4.72	13.44	3.81	3.37
P175	530008	14.08	28.09	4.09	4.325
P176	530135	392.8	5.39	3.715	4.18
P177	530129	1.98	2.08	4.565	2.715
P178	530126	0.89	2.55	3.82	2.465
P179	530125	5.23	13.43	4.93	1.635
P180	529991	3.97	133.5	2.745	2.585
P181	530280	3.45	3.51	3.81	2.205
P182	530226	2.5	4.81	3.205	3.45
P183	530223	88.76	7.99	2.965	3.735
P184	530216	5.34	38.11	4.3	2.61
P185	530203	18.91	4.96	5.035	3.56

P186	530201	5.93	9.81	2.84	3.055
P187	530071	0.8	3.72	4.005	2.415
P188	530335	29.32	2.47	4.665	3.905
P189	530332	835.5	4.95	4.655	3.18
P190	530327	4.95	1.22	4.17	3.43
P191	530326	3.65	3.39	4.39	3.98
P192	530361	10.29	17.19	1.665	2.41
P193	530363	unknown	unknown	4.705	3.905
P194	530403	11.37	2.68	3.29	1.325
P195	530417	2.12	1.77	3.07	2.41
P196	530452	2.09	5.36	4.515	2.92
P197	530455	10.48	1.86	4.94	3.215
P198	530464	2.53	1.41	3.73	2.445
P199	530482	5.15	16.08	3.785	2.66
P200	530511	117.5	9.81	4.12	3.315
P201	530666	1.49	11.55	4.28	2.255
P202	530578	4.52	3.18	4.265	1.985
P203	530692	51.03	41.8	2.275	1.72
P204	530695	9.68	1.52	3.91	2.23
P205	530696	1.92	1.89	3.93	2.825
P206	530706	4.65	4.54	3.765	3.105
P207	530708	2.34	2.55	3.565	3.155
P208	530711	5.54	3.67	4.32	3.425
P209	530726	4.22	2.39	2.01	3.46
P210	530734	5.63	1.32	3.4	2.39
P211	530747	unknown	unknown	3.845	3.515
P212	530860	25.76	1.49	4.555	3.365
P213	530859	2.49	20.1	3.755	2.615
P214	530819	2.15	9.89	3.84	2.985
P215	530777	3.38	4.19	3.84	2.825
P216	530731	11.8	3.61	3.8	2.05
P217	531202	9.11	8.8	4.58	3.11
P218	531172	2	2.33	3.66	2.535
P219	531266	1.85	1.8	3.78	2.755
P220	530663	7.98	1.77	4.53	3.42
P221	530864	2.88	1.54	4.33	2.23
P222	531180	1.14	2.54	4.625	3.615
P223	531162	7.58	2.72	3.835	2.91
P224	531296	4.6	1.42	3.525	2.255
P225	531263	3.06	1.87	4.8	3.48
P226	531232	8.8	12	5.515	4.58
P227	531223	2.25	2.48	4.99	3.01
P228	531324	0.83	4.71	2.26	0.93
P229	531435	2.63	2.51	3.14	2.395
P230	531408	7.02	13.64	3.695	2.78
P231	531624	2.74	2.22	3.555	2.415
P232	531711	1.88	1.65	4.8	3.785
P233	531710	1.31	1.37	4.14	1.765
P234	531702	3.4	2.17	2.745	1.095
P235	531638	2.28	1.4	2.61	2.205
P236	531633	2.4	2.04	1.52	1.295
P237	531529	5.16	78.1	4.31	3.555
P238	531830	3.59	1.57	3.07	4.185
P239	531827	1.63	1.41	2.315	3.16
P240	531706	1.8	1.58	0.855	2.04
P241	531697	7.68	4.76	2.885	3.255
P242	532131	7.16	1.88	4.17	5.69
P243	532075	2.98	1.88	3.2	3.99
P244	530898	2.08	4.5	4.855	4.505

P245	531321	0.64	1.36	2.85	2.355
P246	531589	5.11	2.33	4.11	4.065
P247	532050	0.78	0.99	3.04	5.27
P248	532245	4.7	1.38	4.86	5.12
P249	532231	3	0.8	4.815	5.17
P250	532157	6.12	1.79	4.895	4.355
P251	532146	20.42	2.91	3.17	3.71
P252	532385	4.89	3.23	2.83	3.355
P253	532738	2.8	4.45	3.125	2.875
P254	532876	13.06	4.04	4.9	4.38
P255	533114	2.63	7.27	2.58	1.285
P256	533187	unknown	unknown	4.07	4.575
P257	533264	unknown	unknown	2.38	3.735
P258	533392	4.16	2.01	1.355	2.49
P259	533290	5.15	8.89	4.315	3.465
P260	533387	2.04	2.12	3.69	3.38
P261	533687	1.94	2.25	3.485	3.595
P262	533648	2.9	2.71	3.67	3.81
P263	533831	2.24	3.06	2.41	3.92
P264	533769	2.96	2.13	3.69	4.345
P265	534302	2.47	4.01	4.005	3.95
P266	534298	2.27	1.05	3.71	3.98
P267	534374	2.29	1.49	4.22	4.51
P268	534418	2.12	7.47	3.45	3.62
P269	534405	10.56	2.62	3.63	3.315
P270	534610	3.14	0.9	3.32	2.575
P271	534566	2.92	2.64	3.74	3.91
P272	531839	2.17	2.54	0.79	1.375
P273	532560	801.8	9.66	2.825	2.38
P274	532393	79.53	2.79	2.3	1.82
P275	532632	1.21	3.07	1.295	0.85
P276	532878	2.34	2.55	1.98	1.5

Table S2 Clinical and pathological characteristics of healthy controls

No	ID	gender	age (year)	miRNA-20b-5p (Δ CT)	miRNA-3187-5p (Δ CT)
H001	180116111	female	54	1.96	2.52
H002	18011732	female	56	2.49	2.745
H003	18011656	female	41	1.57	2.145
H004	18011719	female	53	2.325	3.16
H005	18011658	male	53	1.83	2.62
H006	18011720	male	49	2.025	2.845
H007	18011737	female	73	3.315	3.99
H008	18011735	female	64	2.875	3.525
H009	18011647	female	64	2.14	3.105
H010	18011747	male	47	2.585	3.53
H011	18011649	male	66	1.75	2.325
H012	180119301	male	58	2.86	3.755
H013	180118041	female	46	1.495	0.31
H014	180118051	male	44	0.935	2.165
H015	180118351	female	41	2.095	2.865
H016	180118361	female	50	1.11	2.555
H017	180118381	male	53	1.63	2.74
H018	180118391	male	43	2.065	2.905
H019	180118401	male	56	2.59	4.35
H020	180118441	female	43	3.54	1.495

H021	180118471	female	42	5.845	6.55
H022	180118481	female	45	3.57	5.875
H023	180118491	male	47	2.25	3.965
H024	180118511	female	49	2.43	4.13
H025	180118521	male	51	0.77	2.86
H026	180118531	female	51	1	3.1
H027	180118541	female	56	0.845	2.92
H028	180118551	female	60	0.905	2.905
H029	180118571	male	62	-2.66	-0.34
H030	180118611	male	55	0.25	2.325
H031	180118621	female	55	1.285	3.915
H032	180118631	female	44	1.58	3.545
H033	180118641	female	51	0.93	3.31
H034	180118651	female	43	-1.73	0.545
H035	180118671	male	53	0.99	3
H036	180118681	male	46	0.435	2.64
H037	180118691	male	51	2.155	1.45
H038	180118701	female	52	5.025	4.145
H039	180118711	female	50	3.465	1.695
H040	180118731	female	53	3.39	2.875
H041	180118741	female	53	3.935	3.34
H042	180118751	male	58	3	2.385
H043	180118781	male	64	2.855	2.465
H044	180118791	female	58	3.35	2.805
H045	180118811	male	55	3.3	2.56
H046	180118821	male	62	3.85	3.44
H047	180118831	female	61	3.095	2.39
H048	180118841	female	56	1.87	3.215
H049	180118881	male	65	3.4	2.825
H050	180118921	male	65	3.75	3.505
H051	180118961	female	61	4.11	2.935
H052	180118981	male	55	3.37	3.03
H053	180119001	male	61	3.05	2.135
H054	180119011	male	62	3.955	3.905
H055	180119021	male	62	2.49	3.685
H056	180119031	male	60	2.13	3.245
H057	180119291	male	70	2.635	2.525
H058	180119061	female	55	3.54	2.93
H059	180119111	male	60	3.99	1.77
H060	180119131	female	53	3.6	2.115
H061	180119181	female	48	4.325	2.73
H062	180119221	male	66	3.61	2.12
H063	18011837	female	62	2.86	1.95
H064	18011963	male	68	4.255	2.725
H065	18011961	female	58	3.755	2.41
H066	18011964	female	64	3.33	1.695
H067	18011944	female	47	5.515	3.47
H068	18011005	female	55	4.11	2.02
H069	18011945	female	47	3.87	2.735
H070	18011962	female	55	4.45	3.415
H071	18011912	female	50	4.045	1.895
H072	18012101	female	62	4.915	2.9
H073	18011902	male	59	4.11	2.15
H074	18011946	female	54	4.425	2.735
H075	18011992-3	male	62	4.315	3.14
H076	18012004-3	male	61	4.205	2.475
H077	18012010-3	male	67	2.32	2.84
H078	18012011-3	male	52	5.085	2.55
H079	18012009-3	male	64	4.15	2.24

H080	18011998-3	female	53	2.99	3.055
H081	18012014-3	male	55	2.64	3.06
H082	18012002-3	male	65	4.05	2.87
H083	18012013-3	female	42	4.07	1.485
H084	18012003-3	female	63	3.78	1.075
H085	18011941-3	female	51	4.655	2.095
H086	18012012-3	female	46	3.95	3.19
H087	18011989-3	male	60	2.86	3.735
H088	18012066-3	male	72	4.5	1.96
H089	18012080-3	female	46	4.335	2.18
H090	18012076-3	female	53	2.085	2.365
H091	18012070-3	female	53	3.825	2.76
H092	18012071-3	female	53	-0.22	1.83
H093	18012058-3	female	64	2.47	1.995
H094	18012103-3	female	53	2.475	1.865
H095	18012107-3	female	49	2.205	1.115
H096	18012104-3	male	55	-0.03	0.39
H097	18012068-3	female	46	2.725	1.12
H098	18012081-3	female	56	1.625	0.595
H099	18012095-3	male	59	0.06	1.03
H100	18012110-3	female	66	1.67	4.82
H101	18012109-3	female	47	1.51	0.94
H102	18012042-3	female	49	2.13	0.07
H103	18012001-3	female	56	0.77	-2.855
H104	18012063-3	female	62	2.5	0.045
H105	18012069-3	female	67	1.86	-0.085
H106	18012077-3	female	73	0.505	0.26
H107	18012057-3	female	53	2.13	-0.375
H108	18012098-3	female	56	1.25	1.54
H109	18012092-3	male	49	1.98	-0.12
H110	18012067-6	female	56	0	-2
H111	18012102-3	female	63	1.675	-0.065
H112	18012020-3	male	56	2.985	-0.77
H113	18012062-3	male	64	0.98	0.19
H114	18012045-6	female	46	2.195	0.23
H115	18012075-3	male	61	2.62	-0.2
H116	18012061-6	female	53	2.475	0.615
H117	18012089-3	male	57	2.565	-1.95
H118	18012105-3	female	43	4.065	1.295
H119	18012048-3	female	56	4.52	1.01
H120	18012090-3	male	45	4.605	0.44
H121	18012043-3	male	48	2.43	1.17
H122	18012000-3	female	56	2.805	0.82
H123	18012085-3	male	52	5.365	0.9
H124	18012097-3	female	47	2.875	1.76
H125	18012056-3	female	59	4.875	1.825
H126	18012054-3	female	47	4.455	2.67
H127	18012082-3	male	60	3.455	1.605
H128	18012079-3	male	66	5.06	2.515
H129	18012064-3	female	64	3.98	0.91
H130	18012022-6	female	74	4.465	0.47
H131	18012049-3	female	62	4.215	1.94
H132	18012055	male	61	4.01	2.08
H133	18012046-3	female	41	2.61	1.835
H134	18012099-3	male	55	4.28	1.355
H135	18012570-3	male	54	2.905	2.09
H136	18012582-3	female	66	3.62	0.6
H137	18012157-3	male	56	2.51	1.505
H138	18012527-3	male	56	2.875	-1.37

H139	18012545-3	female	44	2.94	0.945
H140	18012540-3	female	61	2.855	1.49
H141	18012006-3	female	52	1.82	2.635
H142	18012007-3	male	45	2.6	2.755
H143	18011942-3	male	50	0.38	3.845
H144	18011991-3	female	63	3.145	3.415
H145	18012005-3	female	62	2.54	0.55
H146	18012008-3	male	53	1.92	4.01
H147	18012517-3	female	62	2.555	3.26
H148	18012350-3	female	54	2.27	2.175
H149	18012600-3	female	69	1.32	5.25
H150	18012531-6	male	72	3.79	4.63
H151	18012564-3	male	54	3.075	3.26
H152	18012573-3	female	60	2.725	3.055
H153	18012546-3	male	47	0.085	1.73
H154	18012016-3	male	45	1.035	2.76
H155	18012515-3	female	69	-0.785	2.19
H156	18012589-3	female	57	2.53	2.815
H157	18012538-3	female	70	-1.375	2.455
H158	18012610-3	male	43	-1.045	2.04
H159	18012572-3	male	72	-2.5	1.09
H160	18012549-3	female	60	-1.32	2.79
H161	18012550-3	female	40	0.56	1.24
H162	18012583-3	female	72	1.28	2.215
H163	18012599-3	male	51	0.055	1.915
H164	18012511-6	male	70	1.26	1.165
H165	18012530-6	male	69	0.45	2.725
H166	18012542-3	male	71	0.585	2.585
H167	18012266-3	female	54	-1.245	2.235
H168	18012341-2	male	46	0.08	1.825
H169	18012339-3	male	66	-1.13	1.84
H170	18012274-3	female	65	-0.475	0.99
H171	18012313-3	female	64	-0.555	2.31
H172	18012342-3	female	67	-1.465	2.01
H173	18012264-3	male	54	0.72	1.465
H174	18012250-3	male	49	2.915	1.36
H175	18012323-3	female	72	2.655	1.88
H176	18012321-6	female	66	2.335	0.93
H177	18012324-6	male	65	2.575	1.935
H178	18012280-3	female	61	3.28	1.71
H179	18012268-2	female	51	2.35	-2.75
H180	18012270-3	male	65	3.465	-3.385
H181	18012309-2	female	66	0.12	-1.67
H182	18012262-3	male	53	1.565	3.25
H183	18012239-3	male	69	0.62	-3.05
H184	18012301-2	male	61	0.055	-2.715
H185	18012335-3	female	54	2.655	-2.385
H186	18012269-3	female	50	3.795	-0.695
H187	18012300-3	male	45	3.215	-1.195
H188	18012258-3	female	45	0.41	-3.22
H189	18012329-3	male	58	2.98	-1.91
H190	18012240-3	female	65	3.995	-1.68
H191	18012278-3	female	54	2.365	-2.22
H192	18012310-3	male	72	3.14	-3.39
H193	18012289-3	male	66	3.4	-2.52
H194	18012247-3	female	47	3.57	-1.805
H195	18012598-3	female	44	3.86	-4.665
H196	18012611-3	female	58	2.99	-3.34
H197	18012603-3	male	44	2.535	-3.075

H198	18012529-3	male	71	2.875	-4.28
H199	18012547-3	female	62	3.015	3.295
H200	18012351-3	male	54	1.18	2.37
H201	18012526-3	female	53	3.325	4.63
H202	18012512-3	male	66	1.805	4.16
H203	18012541-3	male	56	2.16	4.185
H204	18012535-3	male	49	2.645	4.015
H205	18012571-3	male	61	3.755	3.725
H206	18012586-3	male	63	0.79	1.32
H207	18012563-3	male	54	3.01	4.185
H208	18012602-3	female	44	4.09	4.38
H209	18012509-3	female	62	3.375	3.12
H210	18012543-6	male	55	1.81	4.025
H211	18012514-3	male	71	3.06	1.905
H212	18012536-6	female	51	2.72	2.515
H213	18012516-3	male	62	3.215	2.36
H214	18012510-3	male	46	2.39	3.25
H215	18012554-3	female	55	3.995	2.615
H216	18012585-3	female	56	2.79	4.165
H217	18012485-3	male	51	1.805	4.1
H218	18012504-3	female	51	4.65	4.425
H219	18012466-3	male	68	3.95	0.035
H220	18012482-3	male	43	3.655	2.21
H221	18012469-3	female	52	3.825	2.005
H222	18011834-3	male	62	2.69	2.03
H223	18012473-3	male	61	4.075	1.88
H224	18012479-3	female	59	2.99	3.55
H225	18012477-3	female	55	3.28	2.145
H226	18012500-3	male	45	1.68	3.065
H227	18012493-3	female	45	2.935	1.185
H228	18012483-3	female	41	4.18	1.805
H229	18012490-3	male	52	3.34	0.105
H230	18012472-3	female	51	3.73	0.955
H231	18012503-3	female	53	2.925	3.155
H232	18012488-3	female	48	0.625	3.81
H233	18012478-3	female	42	1.465	0.99
H234	18012495-3	male	55	1.215	1.55
H235	18012481-3	female	61	0.675	3.05
H236	18012459-3	female	69	-0.335	4.13
H237	18012486-3	female	55	1.525	2.14
H238	18012476-3	female	60	1.09	2.925
H239	18012501-3	female	50	2.225	3.95
H240	18012480-3	female	52	2.41	3.075
H241	18012492-3	male	56	0.595	4.03
H242	18012476-3	female	60	1.99	3.7
H243	18012236-3	female	43	1.4	2.635
H244	18012199-3	female	43	1.835	2.375
H245	18012226-3	female	42	1.295	3.635
H246	18012188-3	female	49	1.58	-1.195
H247	18012174-3	female	67	1.715	3.3
H248	18012184-3	female	41	0.2	3.125
H249	18012167-3	male	42	0.83	3.175
H250	18012034-3	female	41	1.76	3.04
H251	18012035-3	male	68	0.62	4.73
H252	18012177-3	female	63	2.025	-1.225
H253	18012179-3	female	45	0.38	3.315
H254	18012182-3	female	56	3.145	4.36
H255	18011592-3	female	61	2.54	3.605
H256	18012172-3	male	50	1.92	3.595

H257	18012170-3	male	56	2.555	3.63
H258	18012168-3	female	53	2.27	2.8
H259	18012161-3	female	56	1.32	3.16
H260	18012166-3	female	68	3.79	1.975
H261	18012124-3	female	51	3.075	3.425
H262	18012126-3	male	47	2.725	2.765
H263	18012178-3	male	45	0.085	1.835
H264	18012175-3	male	67	1.035	4.02
H265	18012169-3	female	58	-0.785	3.925
H266	18012173-3	male	63	2.53	3.005
H267	18012497-3	female	40	-1.375	3.8
H268	18012458-3	male	69	-1.045	2.675
H269	18012498-3	male	52	-2.5	4.06
H270	18012215-3	male	47	-1.32	2.885
H271	18012201-6	female	49	0.56	3.215
H272	18012219-3	female	40	1.28	1.93
H273	18012202-3	female	52	0.055	3.22
H274	18011763-3	male	51	1.26	4.365
H275	18012213-3	female	48	0.45	2.965
H276	18012192-3	male	50	0.585	3.24
H277	18012195-3	female	47	-1.245	2.775
H278	18012193-3	male	49	0.08	0.46
H279	18012189-3	male	49	-1.13	0.575
H280	18012210-3	female	45	-0.475	0.17
H281	18012211-3	female	52	-0.555	0.275
H282	18012203-3	male	52	-1.465	-2.87

Table S3 All corresponding raw datas of miRNAs

No	hsa-miR-764 (Δ CT)	hsa-miR-936 (Δ CT)	hsa-miR-522-3p (Δ CT)	hsa-miR-204-3p (Δ CT)	hsa-miR-588 (Δ CT)	hsa-miR-335-3p (Δ CT)
P001	6.96	2.375	-0.52	1.765	1.59	4.885
P002	2.76	1.615	2.47	3.2	2.61	7.615
P003	2.275	1.58	-0.78	3.275	2.545	4.975
P004	5	4.105	0.465	3.05	3.46	-1.63
P005	3.945	1.59	-1.96	2.205	2.58	3.94
P006	3.73	2.83	1.46	3.38	2.54	5.46
P007	3.085	3.585	0.875	1.03	2.61	7.58
P008	2.895	2.235	-0.355	2.74	2.845	6.92
P009	6.045	1.55	0.77	2.31	2.78	7.625
P010	7.015	-0.665	0.27	2.175	2.475	7.03
P011	4.045	2.59	0.945	2.74	2.585	7.65
P012	4.235	3.185	-0.35	4.59	0.62	6.64
P013	6.15	2.725	-0.525	3.965	2.005	6.05
P014	3.81	1.87	1.275	4.875	2.48	8.355
P015	6.2	3.535	-1.1	4.66	2.185	5.875
P016	4.465	2.25	-1.805	2.4	2.665	5.16
P017	3.32	2.665	0.215	5.42	2	7.625
P018	4.55	0.345	-1.31	4.515	2.535	5.135
P019	5.405	1.615	-0.25	3.305	2.16	9.64
P020	5.445	0.99	0.815	1.655	2.115	9.845
P021	3.56	2.835	0.33	2.99	3.085	9.505
P022	3.64	2.43	-1.15	1.935	2.365	8.395
P023	2.695	1	2.405	2.01	2.305	9.37

P024	2.45	1.665	-0.19	0.48	2.69	9.25
P025	5.81	2.575	2.045	1.355	2.005	12.21
P026	3.945	1.075	0.67	0.58	3.405	10.395
P027	5.2	1.81	2.48	1.09	2.48	11.74
P028	4.27	0.735	3.34	1.31	0.61	11.865
P029	6.185	1.795	2.53	0.325	2.185	13.005
P030	7.24	1.33	2.7	4.27	3.245	12.305
P031	6.155	1.525	2.735	3.345	2.665	14.045
P032	6.36	1.61	4.49	3.215	2.82	13.345
P033	6.265	1.39	1.905	4.175	2	10.54
P034	6.725	1.205	2.35	3.875	2.465	12.22
P035	5.52	2.795	3.595	3.07	2.535	11.38
P036	5.25	0.985	1.81	3.83	2.845	9.67
P037	5.005	2.33	2.445	4.08	2.16	11.945
P038	6.085	2.525	2.79	3.48	3.935	10.645
P039	5.52	2.09	1.26	2.97	2.115	11.19
P040	6.03	2.39	2.615	2.875	2.165	7.885
P041	6.275	0.775	2.225	1.61	3.085	11.71
P042	5.605	1.82	1.795	3.415	2.46	7.44
P043	5.34	1.935	1.775	2.965	2.365	0.465
P044	5.63	1.545	2.875	2.9	2.93	2.35
P045	7.24	2.08	3.49	2.37	2.305	1.81
P046	6.145	2.52	3.38	3.2	2.67	2.79
P047	7.825	2.58	4.55	1.885	2.69	9.37
P048	6.57	-0.495	3.22	3.045	-1.625	10.38
P049	-	-	-1.485	3.44	-	-
P050	-	-	2.925	4.075	-	-
P051	-	-	3.83	3.105	-	-
P052	-	-	1.065	3.785	-	-
P053	-	-	4.55	3.985	-	-
P054	-	-	4.185	4.52	-	-
P055	-	-	1.965	3.58	-	-
P056	-	-	2.24	1.345	-	-
P057	-	-	2.505	3.46	-	-
P058	-	-	1.555	3.375	-	-
P059	-	-	0.88	3.59	-	-
P060	-	-	3.075	2.29	-	-
P061	-	-	1.715	4.985	-	-
P062	-	-	3.49	3.695	-	-
P063	-	-	2.92	1.965	-	-
P064	-	-	2.585	2.765	-	-
P065	-	-	3.875	2.86	-	-
P066	-	-	3.23	3.8	-	-
P067	-	-	2.86	3.07	-	-
P068	-	-	3.41	3.1	-	-
P069	-	-	-0.455	3.825	-	-
P070	-	-	3.105	2.195	-	-
P071	-	-	4.015	4.54	-	-
P072	-	-	3.195	2.385	-	-
P073	-	-	4.245	2.16	-	-
P074	-	-	3.655	2.665	-	-
P075	-	-	3.78	2.28	-	-
P076	-	-	3.505	1.945	-	-
P077	-	-	3.495	2.955	-	-
P078	-	-	3.25	2.86	-	-
P079	-	-	4.76	3.38	-	-
P080	-	-	2.77	3.025	-	-
P081	-	-	2.31	4.01	-	-
P082	-	-	3.56	1.74	-	-

P083	-	-	3.05	1.765	-	-
P084	-	-	1.715	3.2	-	-
P085	-	-	0.455	3.275	-	-
P086	-	-	4.115	3.05	-	-
P087	-	-	1.615	2.205	-	-
P088	-	-	1.91	3.38	-	-
P089	-	-	0.99	1.03	-	-
P090	-	-	2.9	2.74	-	-
P091	-	-	2.79	2.31	-	-
P092	-	-	3.115	2.175	-	-
P093	-	-	3.92	2.74	-	-
P094	-	-	3.935	4.59	-	-
P095	-	-	4.425	3.965	-	-
P096	-	-	4.555	4.875	-	-
P097	-	-	3.625	4.66	-	-
P098	-	-	3.26	2.4	-	-
P099	-	-	4.545	5.42	-	-
P100	-	-	6.02	4.515	-	-
P101	-	-	4.23	3.305	-	-
P102	-	-	3.765	6.88	-	-
P103	-	-	4.635	6.345	-	-
P104	-	-	3.97	5.12	-	-
P105	-	-	4.52	4.82	-	-
P106	-	-	4.39	3.34	-	-
P107	-	-	5.08	4.2	-	-
P108	-	-	5.795	3.77	-	-
P109	-	-	4.23	4.505	-	-
P110	-	-	5.84	4.52	-	-
P111	-	-	4.795	4.555	-	-
P112	-	-	5.335	3.365	-	-
P113	-	-	5.225	4.66	-	-
P114	-	-	5.15	3.215	-	-
P115	-	-	1.535	4.175	-	-
P116	-	-	2.885	3.875	-	-
P117	-	-	2.355	3.07	-	-
P118	-	-	2.635	3.83	-	-
P119	-	-	2.975	4.08	-	-
P120	-	-	2.93	3.48	-	-
P121	-	-	-	-	-	-
P122	-	-	-	-	-	-
P123	-	-	-	-	-	-
P124	-	-	-	-	-	-
P125	-	-	-	-	-	-
P126	-	-	-	-	-	-
P127	-	-	-	-	-	-
P128	-	-	-	-	-	-
P129	-	-	-	-	-	-
P130	-	-	-	-	-	-
P131	-	-	-	-	-	-
P132	-	-	-	-	-	-
P133	-	-	-	-	-	-
P134	-	-	-	-	-	-
P135	-	-	-	-	-	-
P136	-	-	-	-	-	-
P137	-	-	-	-	-	-
P138	-	-	-	-	-	-
P139	-	-	-	-	-	-
P140	-	-	-	-	-	-
P141	-	-	-	-	-	-

P142	-	-	-	-	-	-
P143	-	-	-	-	-	-
P144	-	-	-	-	-	-
P145	-	-	-	-	-	-
P146	-	-	-	-	-	-
P147	-	-	-	-	-	-
P148	-	-	-	-	-	-
P149	-	-	-	-	-	-
P150	-	-	-	-	-	-
P151	-	-	-	-	-	-
P152	-	-	-	-	-	-
P153	-	-	-	-	-	-
P154	-	-	-	-	-	-
P155	-	-	-	-	-	-
P156	-	-	-	-	-	-
P157	-	-	-	-	-	-
P158	-	-	-	-	-	-
P159	-	-	-	-	-	-
P160	-	-	-	-	-	-
P161	-	-	-	-	-	-
P162	-	-	-	-	-	-
P163	-	-	-	-	-	-
P164	-	-	-	-	-	-
P165	-	-	-	-	-	-
P166	-	-	-	-	-	-
P167	-	-	-	-	-	-
P168	-	-	-	-	-	-
P169	-	-	-	-	-	-
P170	-	-	-	-	-	-
P171	-	-	-	-	-	-
P172	-	-	-	-	-	-
P173	-	-	-	-	-	-
P174	-	-	-	-	-	-
P175	-	-	-	-	-	-
P176	-	-	-	-	-	-
P177	-	-	-	-	-	-
P178	-	-	-	-	-	-
P179	-	-	-	-	-	-
P180	-	-	-	-	-	-
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P275	-	-	-	-	-	-
P276	-	-	-	-	-	-
H001	2.93	2.52	4.23	2.92	3.765	8.305
H002	3.795	-1.105	2.285	2.755	2.285	6.285
H003	2.62	-2.15	4.07	2.95	1.345	7.69
H004	3.825	1.435	3.965	2.845	2.535	7.805
H005	1.13	0.36	4.125	2.825	-3.475	7.73
H006	2.955	0	0.47	3.22	1.24	5.86
H007	1.92	-0.665	3.845	2.51	2.185	10.055
H008	1.62	-0.81	2.595	1.985	2.48	10.15
H009	2.035	2.1	4.82	3.835	2.145	10.81
H010	1.465	3.05	4.435	2.925	1.825	10.48
H011	8.615	0.625	3.31	2.575	-0.34	9.505
H012	6.86	0.31	3.425	2.43	3.23	9.66
H013	6.395	1.655	2.51	3.035	1.99	8.99
H014	6.645	-0.085	3.425	2.54	1.265	9.54
H015	6.98	2.095	3.06	3.075	1.105	9.59
H016	5.86	0.48	2.34	2.485	3.165	9.195
H017	5.565	-1.145	2.275	3.24	2.6	9.145
H018	5.365	-0.115	3.825	2.955	2.27	10.215
H019	7.775	0.99	1.83	3.435	2.4	12.835
H020	5.655	1.14	4.565	3.12	2.885	12.205
H021	5.25	-0.59	1.89	3.12	2.285	9.605
H022	7.305	-0.6	1.19	2.29	1.6	8.84
H023	6.155	-1.38	2.45	4	3.555	9.53
H024	6.545	-1.41	1.64	3.5	2.99	9.335
H025	6.03	0.155	1.49	3.97	1.99	9.45
H026	4.96	0.545	2.555	5.32	1.395	10.775
H027	6.695	1.895	2.04	3.71	1.265	9.285
H028	5.995	1.325	0.24	4.065	2.48	10.975
H029	5.375	2.665	2.3	4.8	1.105	11.18
H030	4.96	3.175	2.92	4.76	2.085	11.795
H031	5.875	2.525	2.21	4.79	3.165	7.045
H032	7.015	1.785	1.775	4.89	2.255	7.715
H033	5.875	3.115	3.22	4.285	2.6	2.775
H034	5.655	3.55	2.775	3.925	2.325	12.53
H035	5.87	2.53	3.05	4.585	2.27	11.045
H036	6.615	1.985	2.23	2.275	3.02	8.125
H037	6.24	2.165	3.445	4.545	2.4	10.935
H038	6.215	2.65	1.85	3.935	2.62	10.685
H039	7.74	2.635	2.635	4.145	2.885	7.575
H040	3.945	2.58	-0.22	3.815	2.605	6.99
H041	4.445	2.155	2.38	6	2.285	10.865
H042	5.7	2.875	3.095	2.18	2.765	12.22

H043	5.22	2.26	0.615	4.53	1.6	3.965
H044	4.97	2.685	2.98	5.23	3.54	8.775
H045	5.58	3.28	2.99	4.835	3.555	2.23
H046	3.79	2.625	2.625	4.275	3.75	1.85
H047	7.075	3.43	-1.995	4.165	2.99	9.53
H048	4.59	3.385	0.395	3.39	3.055	4.82
H049	-	-	2.275	4.97	-	-
H050	-	-	1.55	4.3	-	-
H051	-	-	2.785	5.03	-	-
H052	-	-	2.73	4.54	-	-
H053	-	-	3.35	3.12	-	-
H054	-	-	2.09	5.64	-	-
H055	-	-	1.965	5.895	-	-
H056	-	-	4.065	5.02	-	-
H057	-	-	2.515	5.455	-	-
H058	-	-	3.05	4.065	-	-
H059	-	-	2.57	5.965	-	-
H060	-	-	3.195	3.805	-	-
H061	-	-	0.85	4.375	-	-
H062	-	-	2.615	4.02	-	-
H063	-	-	1.325	3.705	-	-
H064	-	-	1.98	5.77	-	-
H065	-	-	1.33	4.44	-	-
H066	-	-	1.995	4.845	-	-
H067	-	-	3.285	3.88	-	-
H068	-	-	0.645	3.73	-	-
H069	-	-	0.39	2.99	-	-
H070	-	-	2.03	3.745	-	-
H071	-	-	2.48	3.66	-	-
H072	-	-	2.065	0.58	-	-
H073	-	-	4.155	2.97	-	-
H074	-	-	3.065	2.875	-	-
H075	-	-	2.325	1.61	-	-
H076	-	-	2.95	3.415	-	-
H077	-	-	2.52	2.965	-	-
H078	-	-	2.99	2.9	-	-
H079	-	-	3.635	2.37	-	-
H080	-	-	3.06	3.2	-	-
H081	-	-	0.21	1.885	-	-
H082	-	-	-0.055	3.045	-	-
H083	-	-	0.5	2.67	-	-
H084	-	-	3.16	2.165	-	-
H085	-	-	0.275	1.83	-	-
H086	-	-	0.155	3.97	-	-
H087	-	-	-1.065	4.27	-	-
H088	-	-	0.805	3.19	-	-
H089	-	-	0.36	2.575	-	-
H090	-	-	-0.375	2.305	-	-
H091	-	-	-0.08	3.885	-	-
H092	-	-	0.975	3.32	-	-
H093	-	-	-0.15	1.525	-	-
H094	-	-	0.32	1.655	-	-
H095	-	-	-2.13	2.99	-	-
H096	-	-	0.09	1.935	-	-
H097	-	-	-1.69	2.01	-	-
H098	-	-	-1.035	0.48	-	-
H099	-	-	-0.9	1.355	-	-
H100	-	-	-1.51	0.58	-	-
H101	-	-	2.245	1.09	-	-

H102	-	-	4.445	1.31	-	-
H103	-	-	3.685	0.325	-	-
H104	-	-	3.595	4.27	-	-
H105	-	-	3.565	3.345	-	-
H106	-	-	4	5.535	-	-
H107	-	-	3.26	5.04	-	-
H108	-	-	4.4	5.09	-	-
H109	-	-	3.785	4.96	-	-
H110	-	-	2.975	4.62	-	-
H111	-	-	2.485	2.71	-	-
H112	-	-	3.345	5.01	-	-
H113	-	-	4.61	5.305	-	-
H114	-	-	5.525	3.86	-	-
H115	-	-	3.345	4.685	-	-
H116	-	-	4.61	2.81	-	-
H117	-	-	5.525	3.18	-	-
H118	-	-	3.26	2.06	-	-
H119	-	-	4.545	4.015	-	-
H120	-	-	6.02	3.385	-	-
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H158	-	-	-	-	-	-
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H164	-	-	-	-	-	-
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H282	-	-	-	-	-	-

No	hsa-miR-320a (Δ CT)	hsa-miR-126-5p (Δ CT)	hsa-miR-491-3p (Δ CT)	hsa-miR-20b-5p (Δ CT)	hsa-miR-502-3p (Δ CT)	hsa-miR-3187-5p (Δ CT)
P001	0.375	6.11	2.39	2.485	3.615	1.68
P002	0.74	4.8	2.81	3.865	0.335	2.095
P003	1.1	4.7	2.44	3.405	1.56	1.58
P004	1.36	6.57	2.3	4.115	3.88	2.475
P005	1.525	5.515	3.02	5.235	2.19	3.635
P006	2.665	6.47	4.52	3.54	2.885	2.195
P007	2.075	7.435	3.33	3.95	1.73	3.195
P008	1.54	5.81	3.63	3.985	1.685	3.075
P009	2.05	4.69	2.72	2.575	3.88	1.695
P010	2.04	3.075	3.85	4.635	5.725	3.555
P011	1.985	5.55	3.35	4.95	2.975	3.08
P012	1.855	5.335	3.76	4.385	3.235	2.285
P013	1.71	5.87	4.53	4.525	5.76	1.86
P014	2.14	4.73	5.02	5.51	4.135	3.8
P015	1.435	5.92	3.94	3.415	5.33	1.59
P016	1.485	5.025	4.02	3.535	1.925	3.38
P017	1.465	5.91	2.99	4.715	1.265	2.565
P018	1.3	3.99	4.77	3.98	3.95	2.215
P019	1.5	4.78	2.74	4.94	4.49	2.38
P020	1.44	4.325	2.8	4.9	4.675	2.625
P021	1.86	5.605	3.11	4.97	3.06	3.36
P022	1.92	5.61	3.37	5.86	3.21	3.23
P023	2.925	4.535	3.75	5.17	1.845	3.205
P024	2.79	4.47	3.93	3.545	1.37	2.18
P025	2.765	6.93	5.06	1.525	-1.485	3.27
P026	1.915	4.86	2.75	1.76	1.635	1.805
P027	2.3	4.895	8.21	4.29	2.135	3.01
P028	2.975	5.165	7.13	3.13	2.31	4.765
P029	2.525	5.355	5.29	3.4	2.3	3.895
P030	2.63	4.89	4.99	2.615	3.08	4.455
P031	2.95	5.565	3.8	2.255	2.365	4.44
P032	3.17	5.51	4.31	4.33	1.695	4.28
P033	2.115	4.89	4.16	5.645	3.11	3.155
P034	1.935	5.215	3.91	3.96	3.145	3.34
P035	2.36	7.825	1	3.97	2.87	4.355
P036	2.835	4.275	2.87	5.095	2.315	4.125
P037	2.505	5.675	5.82	2.625	2.995	2.885
P038	2.525	5.63	4.26	4.53	2.835	3.95
P039	2.935	6.155	3.94	2.885	2.25	3.705
P040	2.17	5.395	4.42	2.185	2.02	4.295
P041	2.22	5.675	3.5	2.65	2.155	3.07
P042	-0.915	5.24	2.64	3.205	2.28	3.535
P043	1.555	5.32	3.97	3.745	2.33	4.42
P044	2.875	6.205	4.28	2.3	2.415	2.515
P045	2.98	5.63	3.44	2.38	2.69	3.945
P046	0.21	5.82	4.02	2.015	2.705	3.33
P047	1.43	5.72	2.73	2.12	3.16	4.42
P048	0.545	3.625	2.43	1.91	3.43	0.925

P049	-	-	-	2.23	-	2.09
P050	-	-	-	3.36	-	2.665
P051	-	-	-	3.495	-	2.69
P052	-	-	-	3.875	-	2.9
P053	-	-	-	4.145	-	2.935
P054	-	-	-	2.975	-	2.165
P055	-	-	-	2.41	-	1.715
P056	-	-	-	4.44	-	3.15
P057	-	-	-	4.64	-	3.825
P058	-	-	-	3.045	-	3.68
P059	-	-	-	3.435	-	2.815
P060	-	-	-	4.33	-	3.535
P061	-	-	-	3.72	-	2.555
P062	-	-	-	4.29	-	3.01
P063	-	-	-	2.965	-	2.545
P064	-	-	-	3.2	-	2.865
P065	-	-	-	3	-	3.28
P066	-	-	-	3.695	-	2.835
P067	-	-	-	3.265	-	3.425
P068	-	-	-	3.21	-	2.505
P069	-	-	-	3.98	-	3.455
P070	-	-	-	2.43	-	3.09
P071	-	-	-	4.105	-	3.635
P072	-	-	-	3.59	-	2.81
P073	-	-	-	4.72	-	3.79
P074	-	-	-	4.66	-	3
P075	-	-	-	5.94	-	4.39
P076	-	-	-	3.625	-	0.585
P077	-	-	-	4.47	-	3.52
P078	-	-	-	5.11	-	4.12
P079	-	-	-	5.695	-	4.53
P080	-	-	-	4.72	-	4.825
P081	-	-	-	3.225	-	2.8
P082	-	-	-	4.895	-	3.535
P083	-	-	-	6.295	-	5.255
P084	-	-	-	4.85	-	3.565
P085	-	-	-	5.26	-	4.43
P086	-	-	-	4.21	-	3.955
P087	-	-	-	4.255	-	3.67
P088	-	-	-	4.77	-	3.73
P089	-	-	-	3.03	-	2.55
P090	-	-	-	1.855	-	4.18
P091	-	-	-	4.905	-	3.775
P092	-	-	-	3.94	-	3.235
P093	-	-	-	3.25	-	0.65
P094	-	-	-	4.315	-	4.295
P095	-	-	-	4.035	-	2.36
P096	-	-	-	4.125	-	2.625
P097	-	-	-	5.145	-	3.225
P098	-	-	-	5.01	-	2.575
P099	-	-	-	5.18	-	3.155
P100	-	-	-	5.605	-	4.015
P101	-	-	-	5.035	-	3.455
P102	-	-	-	4.76	-	2.675
P103	-	-	-	4.25	-	2.79
P104	-	-	-	4.45	-	2.93
P105	-	-	-	4.54	-	2.495
P106	-	-	-	3.84	-	2.875
P107	-	-	-	5.65	-	3.915

P108	-	-	-	6.065	-	4.71
P109	-	-	-	4.505	-	2.43
P110	-	-	-	4.915	-	3.13
P111	-	-	-	6.155	-	3.345
P112	-	-	-	4.465	-	2.33
P113	-	-	-	3.515	-	1.72
P114	-	-	-	5.185	-	3.15
P115	-	-	-	5.2	-	3.37
P116	-	-	-	5.085	-	3.225
P117	-	-	-	3.815	-	1.32
P118	-	-	-	4.55	-	1.93
P119	-	-	-	5.135	-	2.4
P120	-	-	-	5.72	-	3.725
P121	-	-	-	4.185	-	1.475
P122	-	-	-	4.355	-	3.015
P123	-	-	-	4.85	-	2.095
P124	-	-	-	5.325	-	3.525
P125	-	-	-	6.17	-	3.455
P126	-	-	-	5.75	-	3.26
P127	-	-	-	4.77	-	2.415
P128	-	-	-	5.68	-	3.535
P129	-	-	-	4.825	-	2.555
P130	-	-	-	5.235	-	2.785
P131	-	-	-	5.685	-	3.08
P132	-	-	-	4.93	-	2.485
P133	-	-	-	5.365	-	2.85
P134	-	-	-	5.455	-	3.1
P135	-	-	-	5.575	-	2.895
P136	-	-	-	6.05	-	3.87
P137	-	-	-	3.915	-	2.58
P138	-	-	-	4.59	-	2.14
P139	-	-	-	4.95	-	2.415
P140	-	-	-	3.86	-	1.495
P141	-	-	-	4.46	-	2.305
P142	-	-	-	5.455	-	3.005
P143	-	-	-	5.105	-	2.97
P144	-	-	-	6.915	-	3.99
P145	-	-	-	5.415	-	4.275
P146	-	-	-	4.085	-	2.035
P147	-	-	-	3	-	1.215
P148	-	-	-	5.535	-	3.81
P149	-	-	-	6.23	-	4.24
P150	-	-	-	4.62	-	2.575
P151	-	-	-	4.755	-	2.345
P152	-	-	-	3.765	-	2
P153	-	-	-	4.69	-	4.495
P154	-	-	-	3.48	-	1.71
P155	-	-	-	3.375	-	3.23
P156	-	-	-	4.18	-	4.15
P157	-	-	-	3.895	-	4.16
P158	-	-	-	3.325	-	2.635
P159	-	-	-	4.69	-	2.35
P160	-	-	-	4.36	-	3.99
P161	-	-	-	3.65	-	3.855
P162	-	-	-	3.96	-	4.34
P163	-	-	-	3.945	-	4.025
P164	-	-	-	3.795	-	3.51
P165	-	-	-	4.49	-	5.065
P166	-	-	-	3.145	-	4.16

P167	-	-	-	4.5	-	3.77
P168	-	-	-	4.515	-	4.215
P169	-	-	-	4.48	-	4.085
P170	-	-	-	1.415	-	1.26
P171	-	-	-	3.71	-	2.965
P172	-	-	-	3.685	-	3.085
P173	-	-	-	3.87	-	3.375
P174	-	-	-	3.81	-	3.37
P175	-	-	-	4.09	-	4.325
P176	-	-	-	3.715	-	4.18
P177	-	-	-	4.565	-	2.715
P178	-	-	-	3.82	-	2.465
P179	-	-	-	4.93	-	1.635
P180	-	-	-	2.745	-	2.585
P181	-	-	-	3.81	-	2.205
P182	-	-	-	3.205	-	3.45
P183	-	-	-	2.965	-	3.735
P184	-	-	-	4.3	-	2.61
P185	-	-	-	5.035	-	3.56
P186	-	-	-	2.84	-	3.055
P187	-	-	-	4.005	-	2.415
P188	-	-	-	4.665	-	3.905
P189	-	-	-	4.655	-	3.18
P190	-	-	-	4.17	-	3.43
P191	-	-	-	4.39	-	3.98
P192	-	-	-	1.665	-	2.41
P193	-	-	-	4.705	-	3.905
P194	-	-	-	3.29	-	1.325
P195	-	-	-	3.07	-	2.41
P196	-	-	-	4.515	-	2.92
P197	-	-	-	4.94	-	3.215
P198	-	-	-	3.73	-	2.445
P199	-	-	-	3.785	-	2.66
P200	-	-	-	4.12	-	3.315
P201	-	-	-	4.28	-	2.255
P202	-	-	-	4.265	-	1.985
P203	-	-	-	2.275	-	1.72
P204	-	-	-	3.91	-	2.23
P205	-	-	-	3.93	-	2.825
P206	-	-	-	3.765	-	3.105
P207	-	-	-	3.565	-	3.155
P208	-	-	-	4.32	-	3.425
P209	-	-	-	2.01	-	3.46
P210	-	-	-	3.4	-	2.39
P211	-	-	-	3.845	-	3.515
P212	-	-	-	4.555	-	3.365
P213	-	-	-	3.755	-	2.615
P214	-	-	-	3.84	-	2.985
P215	-	-	-	3.84	-	2.825
P216	-	-	-	3.8	-	2.05
P217	-	-	-	4.58	-	3.11
P218	-	-	-	3.66	-	2.535
P219	-	-	-	3.78	-	2.755
P220	-	-	-	4.53	-	3.42
P221	-	-	-	4.33	-	2.23
P222	-	-	-	4.625	-	3.615
P223	-	-	-	3.835	-	2.91
P224	-	-	-	3.525	-	2.255
P225	-	-	-	4.8	-	3.48

P226	-	-	-	5.515	-	4.58
P227	-	-	-	4.99	-	3.01
P228	-	-	-	2.26	-	0.93
P229	-	-	-	3.14	-	2.395
P230	-	-	-	3.695	-	2.78
P231	-	-	-	3.555	-	2.415
P232	-	-	-	4.8	-	3.785
P233	-	-	-	4.14	-	1.765
P234	-	-	-	2.745	-	1.095
P235	-	-	-	2.61	-	2.205
P236	-	-	-	1.52	-	1.295
P237	-	-	-	4.31	-	3.555
P238	-	-	-	3.07	-	4.185
P239	-	-	-	2.315	-	3.16
P240	-	-	-	0.855	-	2.04
P241	-	-	-	2.885	-	3.255
P242	-	-	-	4.17	-	5.69
P243	-	-	-	3.2	-	3.99
P244	-	-	-	4.855	-	4.505
P245	-	-	-	2.85	-	2.355
P246	-	-	-	4.11	-	4.065
P247	-	-	-	3.04	-	5.27
P248	-	-	-	4.86	-	5.12
P249	-	-	-	4.815	-	5.17
P250	-	-	-	4.895	-	4.355
P251	-	-	-	3.17	-	3.71
P252	-	-	-	2.83	-	3.355
P253	-	-	-	3.125	-	2.875
P254	-	-	-	4.9	-	4.38
P255	-	-	-	2.58	-	1.285
P256	-	-	-	4.07	-	4.575
P257	-	-	-	2.38	-	3.735
P258	-	-	-	1.355	-	2.49
P259	-	-	-	4.315	-	3.465
P260	-	-	-	3.69	-	3.38
P261	-	-	-	3.485	-	3.595
P262	-	-	-	3.67	-	3.81
P263	-	-	-	2.41	-	3.92
P264	-	-	-	3.69	-	4.345
P265	-	-	-	4.005	-	3.95
P266	-	-	-	3.71	-	3.98
P267	-	-	-	4.22	-	4.51
P268	-	-	-	3.45	-	3.62
P269	-	-	-	3.63	-	3.315
P270	-	-	-	3.32	-	2.575
P271	-	-	-	3.74	-	3.91
P272	-	-	-	0.79	-	1.375
P273	-	-	-	2.825	-	2.38
P274	-	-	-	2.3	-	1.82
P275	-	-	-	1.295	-	0.85
P276	-	-	-	1.98	-	1.5
H001	-1.44	7.625	1.9	1.96	2.495	2.52
H002	-1.275	6.31	2.03	2.49	2.38	2.745
H003	-1.39	6.33	3.77	1.57	2.68	2.145
H004	-1.455	4.95	2.98	2.325	3.095	3.16
H005	-2.755	3.79	2.67	1.83	2.52	2.62
H006	-2.74	5.59	4.09	2.025	3.145	2.845
H007	-2.905	5.01	5.04	3.315	2.185	3.99
H008	-2.57	5.22	3.66	2.875	1.55	3.525

H009	-1.975	5.86	3.66	2.14	3.58	3.105
H010	-3.905	4.075	3.97	2.585	2.56	3.53
H011	0.905	6.755	2.8	1.75	2.645	2.325
H012	2.025	5.655	4.64	2.86	3.155	3.755
H013	2.08	5.835	4.42	1.495	2.24	0.31
H014	1.445	4.205	3.61	0.935	2.525	2.165
H015	1.86	9.35	4.93	2.095	2.88	2.865
H016	1.94	3.905	4.28	1.11	2.515	2.555
H017	1.76	5.76	4.46	1.63	2.24	2.74
H018	2.245	6.39	1.56	2.065	2.825	2.905
H019	1.48	7.165	3.39	2.59	3.185	4.35
H020	1.975	4.695	3.82	3.54	2.775	1.495
H021	0.41	5.865	4.42	5.845	3.57	6.55
H022	0.885	2.59	2.73	3.57	3.475	5.875
H023	2.08	6.615	2.09	2.25	3.37	3.965
H024	1.905	6.655	3.96	2.43	3.115	4.13
H025	1.785	3.615	3.47	0.77	2.495	2.86
H026	1.45	3.405	2.67	1	2.38	3.1
H027	1.745	5.42	1.55	0.845	2.68	2.92
H028	1.94	1.875	1.95	0.905	3.095	2.905
H029	2.035	4.14	2.4	-2.66	2.52	-0.34
H030	2.385	3.76	3.39	0.25	3.145	2.325
H031	2.715	3.585	3.29	1.285	2.185	3.915
H032	2.375	3.655	3.6	1.58	1.55	3.545
H033	2.49	5.085	3.3	0.93	3.58	3.31
H034	2.17	3.765	1.97	-1.73	2.56	0.545
H035	2.445	4.49	4.04	0.99	2.645	3
H036	2.92	2.935	5.09	0.435	3.155	2.64
H037	2.41	3.515	3.23	2.155	3.79	1.45
H038	2.355	2.285	3.83	5.025	5.59	4.145
H039	2.96	2.625	3.14	3.465	5.01	1.695
H040	2.705	4.775	2.15	3.39	5.22	2.875
H041	2.275	4.985	3.62	3.935	2.59	3.34
H042	2.13	3.37	3.16	3	6.615	2.385
H043	0.83	3.155	3.74	2.855	4.59	2.465
H044	2.52	6.31	5.89	3.35	7.625	2.805
H045	3.4	6.33	5.14	3.3	2.87	2.56
H046	2.64	4.95	4.85	3.85	4.615	3.44
H047	2.43	4.695	5.7	3.095	4.24	2.39
H048	2.75	5.865	5.24	1.87	2.215	3.215
H049	-	-	-	3.4	-	2.825
H050	-	-	-	3.75	-	3.505
H051	-	-	-	4.11	-	2.935
H052	-	-	-	3.37	-	3.03
H053	-	-	-	3.05	-	2.135
H054	-	-	-	3.955	-	3.905
H055	-	-	-	2.49	-	3.685
H056	-	-	-	2.13	-	3.245
H057	-	-	-	2.635	-	2.525
H058	-	-	-	3.54	-	2.93
H059	-	-	-	3.99	-	1.77
H060	-	-	-	3.6	-	2.115
H061	-	-	-	4.325	-	2.73
H062	-	-	-	3.61	-	2.12
H063	-	-	-	2.86	-	1.95
H064	-	-	-	4.255	-	2.725
H065	-	-	-	3.755	-	2.41
H066	-	-	-	3.33	-	1.695
H067	-	-	-	5.515	-	3.47

H068	-	-	-	4.11	-	2.02
H069	-	-	-	3.87	-	2.735
H070	-	-	-	4.45	-	3.415
H071	-	-	-	4.045	-	1.895
H072	-	-	-	4.915	-	2.9
H073	-	-	-	4.11	-	2.15
H074	-	-	-	4.425	-	2.735
H075	-	-	-	4.315	-	3.14
H076	-	-	-	4.205	-	2.475
H077	-	-	-	2.32	-	2.84
H078	-	-	-	5.085	-	2.55
H079	-	-	-	4.15	-	2.24
H080	-	-	-	2.99	-	3.055
H081	-	-	-	2.64	-	3.06
H082	-	-	-	4.05	-	2.87
H083	-	-	-	4.07	-	1.485
H084	-	-	-	3.78	-	1.075
H085	-	-	-	4.655	-	2.095
H086	-	-	-	3.95	-	3.19
H087	-	-	-	2.86	-	3.735
H088	-	-	-	4.5	-	1.96
H089	-	-	-	4.335	-	2.18
H090	-	-	-	2.085	-	2.365
H091	-	-	-	3.825	-	2.76
H092	-	-	-	-0.22	-	1.83
H093	-	-	-	2.47	-	1.995
H094	-	-	-	2.475	-	1.865
H095	-	-	-	2.205	-	1.115
H096	-	-	-	-0.03	-	0.39
H097	-	-	-	2.725	-	1.12
H098	-	-	-	1.625	-	0.595
H099	-	-	-	0.06	-	1.03
H100	-	-	-	1.67	-	4.82
H101	-	-	-	1.51	-	0.94
H102	-	-	-	2.13	-	0.07
H103	-	-	-	0.77	-	-2.855
H104	-	-	-	2.5	-	0.045
H105	-	-	-	1.86	-	-0.085
H106	-	-	-	0.505	-	0.26
H107	-	-	-	2.13	-	-0.375
H108	-	-	-	1.25	-	1.54
H109	-	-	-	1.98	-	-0.12
H110	-	-	-	0	-	-2
H111	-	-	-	1.675	-	-0.065
H112	-	-	-	2.985	-	-0.77
H113	-	-	-	0.98	-	0.19
H114	-	-	-	2.195	-	0.23
H115	-	-	-	2.62	-	-0.2
H116	-	-	-	2.475	-	0.615
H117	-	-	-	2.565	-	-1.95
H118	-	-	-	4.065	-	1.295
H119	-	-	-	4.52	-	1.01
H120	-	-	-	4.605	-	0.44
H121	-	-	-	2.43	-	1.17
H122	-	-	-	2.805	-	0.82
H123	-	-	-	5.365	-	0.9
H124	-	-	-	2.875	-	1.76
H125	-	-	-	4.875	-	1.825
H126	-	-	-	4.455	-	2.67

H127	-	-	-	3.455	-	1.605
H128	-	-	-	5.06	-	2.515
H129	-	-	-	3.98	-	0.91
H130	-	-	-	4.465	-	0.47
H131	-	-	-	4.215	-	1.94
H132	-	-	-	4.01	-	2.08
H133	-	-	-	2.61	-	1.835
H134	-	-	-	4.28	-	1.355
H135	-	-	-	2.905	-	2.09
H136	-	-	-	3.62	-	0.6
H137	-	-	-	2.51	-	1.505
H138	-	-	-	2.875	-	-1.37
H139	-	-	-	2.94	-	0.945
H140	-	-	-	2.855	-	1.49
H141	-	-	-	1.82	-	2.635
H142	-	-	-	2.6	-	2.755
H143	-	-	-	0.38	-	3.845
H144	-	-	-	3.145	-	3.415
H145	-	-	-	2.54	-	0.55
H146	-	-	-	1.92	-	4.01
H147	-	-	-	2.555	-	3.26
H148	-	-	-	2.27	-	2.175
H149	-	-	-	1.32	-	5.25
H150	-	-	-	3.79	-	4.63
H151	-	-	-	3.075	-	3.26
H152	-	-	-	2.725	-	3.055
H153	-	-	-	0.085	-	1.73
H154	-	-	-	1.035	-	2.76
H155	-	-	-	-0.785	-	2.19
H156	-	-	-	2.53	-	2.815
H157	-	-	-	-1.375	-	2.455
H158	-	-	-	-1.045	-	2.04
H159	-	-	-	-2.5	-	1.09
H160	-	-	-	-1.32	-	2.79
H161	-	-	-	0.56	-	1.24
H162	-	-	-	1.28	-	2.215
H163	-	-	-	0.055	-	1.915
H164	-	-	-	1.26	-	1.165
H165	-	-	-	0.45	-	2.725
H166	-	-	-	0.585	-	2.585
H167	-	-	-	-1.245	-	2.235
H168	-	-	-	0.08	-	1.825
H169	-	-	-	-1.13	-	1.84
H170	-	-	-	-0.475	-	0.99
H171	-	-	-	-0.555	-	2.31
H172	-	-	-	-1.465	-	2.01
H173	-	-	-	0.72	-	1.465
H174	-	-	-	2.915	-	1.36
H175	-	-	-	2.655	-	1.88
H176	-	-	-	2.335	-	0.93
H177	-	-	-	2.575	-	1.935
H178	-	-	-	3.28	-	1.71
H179	-	-	-	2.35	-	-2.75
H180	-	-	-	3.465	-	-3.385
H181	-	-	-	0.12	-	-1.67
H182	-	-	-	1.565	-	3.25
H183	-	-	-	0.62	-	-3.05
H184	-	-	-	0.055	-	-2.715
H185	-	-	-	2.655	-	-2.385

H186	-	-	-	3.795	-	-0.695
H187	-	-	-	3.215	-	-1.195
H188	-	-	-	0.41	-	-3.22
H189	-	-	-	2.98	-	-1.91
H190	-	-	-	3.995	-	-1.68
H191	-	-	-	2.365	-	-2.22
H192	-	-	-	3.14	-	-3.39
H193	-	-	-	3.4	-	-2.52
H194	-	-	-	3.57	-	-1.805
H195	-	-	-	3.86	-	-4.665
H196	-	-	-	2.99	-	-3.34
H197	-	-	-	2.535	-	-3.075
H198	-	-	-	2.875	-	-4.28
H199	-	-	-	3.015	-	3.295
H200	-	-	-	1.18	-	2.37
H201	-	-	-	3.325	-	4.63
H202	-	-	-	1.805	-	4.16
H203	-	-	-	2.16	-	4.185
H204	-	-	-	2.645	-	4.015
H205	-	-	-	3.755	-	3.725
H206	-	-	-	0.79	-	1.32
H207	-	-	-	3.01	-	4.185
H208	-	-	-	4.09	-	4.38
H209	-	-	-	3.375	-	3.12
H210	-	-	-	1.81	-	4.025
H211	-	-	-	3.06	-	1.905
H212	-	-	-	2.72	-	2.515
H213	-	-	-	3.215	-	2.36
H214	-	-	-	2.39	-	3.25
H215	-	-	-	3.995	-	2.615
H216	-	-	-	2.79	-	4.165
H217	-	-	-	1.805	-	4.1
H218	-	-	-	4.65	-	4.425
H219	-	-	-	3.95	-	0.035
H220	-	-	-	3.655	-	2.21
H221	-	-	-	3.825	-	2.005
H222	-	-	-	2.69	-	2.03
H223	-	-	-	4.075	-	1.88
H224	-	-	-	2.99	-	3.55
H225	-	-	-	3.28	-	2.145
H226	-	-	-	1.68	-	3.065
H227	-	-	-	2.935	-	1.185
H228	-	-	-	4.18	-	1.805
H229	-	-	-	3.34	-	0.105
H230	-	-	-	3.73	-	0.955
H231	-	-	-	2.925	-	3.155
H232	-	-	-	0.625	-	3.81
H233	-	-	-	1.465	-	0.99
H234	-	-	-	1.215	-	1.55
H235	-	-	-	0.675	-	3.05
H236	-	-	-	-0.335	-	4.13
H237	-	-	-	1.525	-	2.14
H238	-	-	-	1.09	-	2.925
H239	-	-	-	2.225	-	3.95
H240	-	-	-	2.41	-	3.075
H241	-	-	-	0.595	-	4.03
H242	-	-	-	1.99	-	3.7
H243	-	-	-	1.4	-	2.635
H244	-	-	-	1.835	-	2.375

H245	-	-	-	1.295	-	3.635
H246	-	-	-	1.58	-	-1.195
H247	-	-	-	1.715	-	3.3
H248	-	-	-	0.2	-	3.125
H249	-	-	-	0.83	-	3.175
H250	-	-	-	1.76	-	3.04
H251	-	-	-	0.62	-	4.73
H252	-	-	-	2.025	-	-1.225
H253	-	-	-	0.38	-	3.315
H254	-	-	-	3.145	-	4.36
H255	-	-	-	2.54	-	3.605
H256	-	-	-	1.92	-	3.595
H257	-	-	-	2.555	-	3.63
H258	-	-	-	2.27	-	2.8
H259	-	-	-	1.32	-	3.16
H260	-	-	-	3.79	-	1.975
H261	-	-	-	3.075	-	3.425
H262	-	-	-	2.725	-	2.765
H263	-	-	-	0.085	-	1.835
H264	-	-	-	1.035	-	4.02
H265	-	-	-	-0.785	-	3.925
H266	-	-	-	2.53	-	3.005
H267	-	-	-	-1.375	-	3.8
H268	-	-	-	-1.045	-	2.675
H269	-	-	-	-2.5	-	4.06
H270	-	-	-	-1.32	-	2.885
H271	-	-	-	0.56	-	3.215
H272	-	-	-	1.28	-	1.93
H273	-	-	-	0.055	-	3.22
H274	-	-	-	1.26	-	4.365
H275	-	-	-	0.45	-	2.965
H276	-	-	-	0.585	-	3.24
H277	-	-	-	-1.245	-	2.775
H278	-	-	-	0.08	-	0.46
H279	-	-	-	-1.13	-	0.575
H280	-	-	-	-0.475	-	0.17
H281	-	-	-	-0.555	-	0.275
H282	-	-	-	-1.465	-	-2.87

