

Supplementary Table 5. Summary of the reference of all the ARCA1 literatures in East Asia

No.	Case ID	Ethnicity	Reference
1	Proband	Taiwanese	Our study
2	Patient 1	Japanese	Izumi et al. (2013) ¹
3	Patient 2	Japanese	Izumi et al. (2013) ¹
4	Patient 3	Japanese	Izumi et al. (2013) ¹
5	Patient 1 (IV-5)	Japanese	Yoshinaga et al. (2017) ²
6	Patient 2 (IV-1)	Japanese	Yoshinaga et al. (2017) ²
7	Proband	Japanese	Kume et al. (2019) ³
8	Proband's little sister	Japanese	Kume et al. (2019) ³
9	Proband	Japanese	Naruse et al. (2021) ⁴
10	Case I	Korean	Kim et al. (2019) ⁵
11	Case II	Korean	Kim et al. (2019) ⁵
12	III-1 in Family 1	Chinese	Peng et al. (2018) ⁶
13	III-2 in Family 1	Chinese	Peng et al. (2018) ⁶
14	II-2 in Family 2	Chinese	Peng et al. (2018) ⁶
15	1-IV2	Chinese	Duan et al. (2021) ⁷
16	2-V1	Chinese	Duan et al. (2021) ⁷
17	3-IV1	Chinese	Duan et al. (2021) ⁷
18	3-IV2	Chinese	Duan et al. (2021) ⁷
19	4-II1	Chinese	Duan et al. (2021) ⁷
20	5-II1	Chinese	Duan et al. (2021) ⁷
21	5-II4	Chinese	Duan et al. (2021) ⁷
22	6-II2	Chinese	Duan et al. (2021) ⁷
23	Case 7	Chinese	Cheng et al. (2021) ⁸
24	Case 8	Chinese	Cheng et al. (2021) ⁸
25	Case 9	Chinese	Cheng et al. (2021) ⁸
26	Case 10	Chinese	Cheng et al. (2021) ⁸
27	Case 11	Chinese	Cheng et al. (2021) ⁸
28	Proband	Chinese	Qian et al. (2022) ⁹

No., number order; Case ID, individual code name in the respective literature.