**Supplementary figure 2. Genomic patterns of fusion between partner genes.** Each fusion transcript sequence was mapped to hg18. The genomic region covering the two fusion partner genes was cut directly from the mapped genomic region to maintain the gene structure, orientation and distance between the fusion partners. The left arrow in dot lines is the end of 5' fusion transcript sequence and the right arrow is the beginning of the 3' fusion transcript sequence.

8. ARL17–KIAA1267

KIAA1267

ARL17

9. HARS2–ZMAT2

HARS2

ZMAT2

10. HSP90B1–DKFZp547P055

HSP90B1

DKFZp547P055

11. IL17RB–ACTR8

IL17RB

ACTR8

12. CNNM3–ANKRD23

CNNM3

ANKRD23

13. PPCS–LOC728621

PPCS   LOC728621
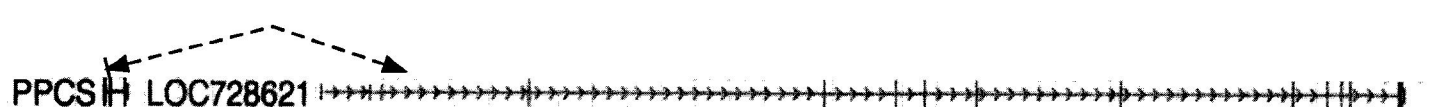
14. HERC3–FAM13AOS

HERC3

FAM13AOS
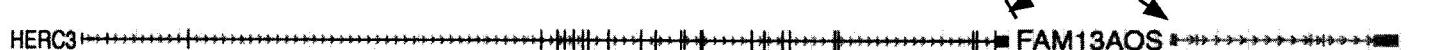
15. PAQR6-SMG5

PAQR6 ⊢▪▪▪▪◄ SMG5 ▪⊢▪▪▪⊣

16. ZNF789-ZNF394

ZNF789 ▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▪▪▪ ZNF394 ▪▪◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄ ▪
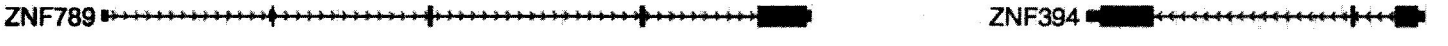
17. CLR-CLEC2D

CLR ▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▪▪ CLEC2D ⊢▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▪

18. GGCT-BC041636

GGCT ⊢▪⊢▪▪▪▪⊣ BC041636 ◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄▪

19. CLN5-FBXL3

CLN5 ▪▪▪⊢▶▶▶▶⊢▪▪⊢▶▶▶▶▶▪▪ FBXL3 ▪▪▪▪◄◄◄◄◄◄◄◄◄◄◄◄⊢▶▶▶▪▪▪▪▪

20. AGK-KIAA1147

AGK ⊢▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▪ KIAA1147 ▪▪▪⊢▪▪▶▶▶▶▶▶▶▶▶▶▶▶⊣

21. ZNRF2-DKFZP586I1420

ZNRF2 ▪▪▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▪▪ DKFZP586I1420 ▪▪▪
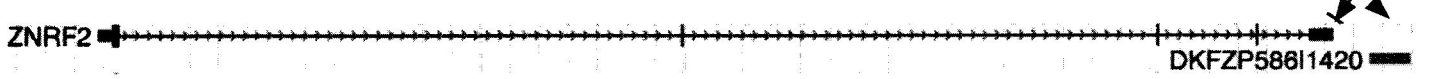
22. BC016361–EREG

BC016361 EREG
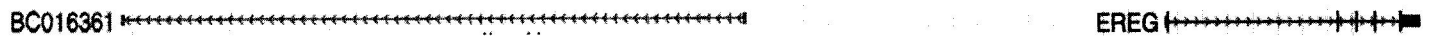
23. NFATC3–PLA2G15

NFATC3 PLA2G15

24. LY6G5C–ABHD16A

LY6G5C ABHD16A

25. PLD4–AHNAK2

PLD4
AHNAK2

26. DHX8–ETV4

DHX8 ETV4

27. ATP5I–MFSD7

ATP5I MYL5 MFSD7

28. NUMB–AK055876

NUMB AK055876