Whole genome sequencing discovers clonal evolution of leukemic clones from birth to the time of diagnosis of concordant acute lymphoblastic leukemia in a monozygotic twin pair

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Conclusion

Our data confirmed a shared preleukemic clone in the twins and showed how this clone evolved and diverged postnatally until ALL diagnosis in each twin (Figure 4).

References

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Figure 6: Twin 1 had overt leukemia 6 months earlier than her twin sister (Twin 2). She had additional an in-frame insertion in *ETV6* and a 36-kb long deletion of *CDKN2A/2B* which might have driven the leukemogenesis faster.

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