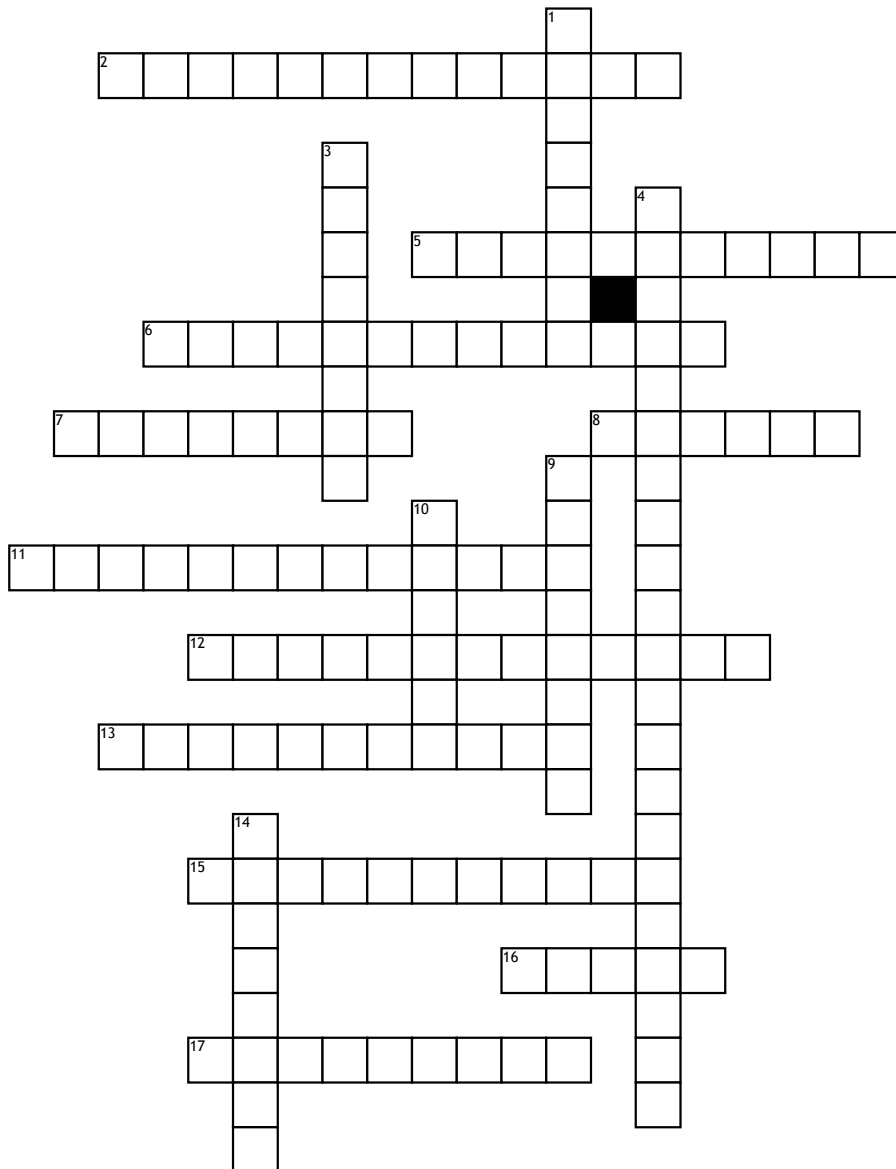


Genetics of EA-TEF



Across

- 2. Syndrome associated with pancreatic hypoplasia, intestinal atresia, gall bladder hypoplasia
- 5. congenital syndrome of facial abnormalities
- 6. FANCA single-gene mutation
- 7. Pathway effectors Shh, Gli2, Gli3, Foxf1
- 8. Syndrome with bilateral renal agenesis
- 11. Syndrome with GL13 single-gene mutation
- 12. Trisomy 13, 18, 21

- 13. Sequence associated with congenital cardiac malformations, splenic dysgenesis, symmetric development of normally asymmetric organs
- 15. SOX2 single-gene mutation
- 16. oculo-genito-laryngeal syndrome (7-dehydrocholesterol reductase deficiency)
- 17. oculo-auriculo-vertebral syndrome

Down

- 1. 22q11.2 deletion syndrome. Also associated with congenital heart problems, specific facial features, frequent infections, developmental delay, learning problems and cleft palate.

- 3. Transcription factors Hoxc4, Ttf-1, Pcsk5
- 4. Rara and RarB
- 9. atrio-digital syndrome
- 10. Syndrome with CHD7 single-gene mutation (coloboma, heart defects, atresia choanae, developmental retardation, genital hypoplasia, and ear deformities)
- 14. Syndrome with MYCN single-gene mutation