**Supplementary Table 4** Summary of genetic diagnosis obtained in a cohort of 166 patients affected with syndromic craniosynostosis (only patients with positive results of genetic testing were calculated)

| | *FGFR1* | | *FGFR2* | | *FGFR3* | | *TWIST1* | | *Total* | | Another | | *Total* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** | **Patients** | **Frequency (%)** |
| **Sex** | | | | | | | | | | | | | | |
| Female | 2 | 3 | 13 | 19 | 10 | 14 | 9 | 13 | 34 | 48 | 10 | 14 | 44 | 62 |
| Male | 1 | 1 | 6 | 9 | 3 | 4 | 8 | 12 | 18 | 25 | 9 | 13 | 27 | 38 |
| Total | 3 | 4 | 19 | 27 | 13 | 18 | 17 | 24 | 52 | 73 | 19 | 27 | 71 | 100 |
| **Presence of additional clinical features** | | | | | | | | | | | | | | |
| Isolated | 0 | 0 | 4 | 8 | 8 | 16 | 8 | 16 | 20 | 39 | 5 | 10 | 25 | 49 |
| Syndromic | 0 | 0 | 6 | 12 | 1 | 2 | 5 | 10 | 12 | 24 | 14 | 27 | 26 | 51 |
| Total | 0 | 0 | 10 | 20 | 9 | 18 | 13 | 25 | 32 | 63 | 19 | 37 | 51 | 100 |
| **Number of affected sutures** | | | | | | | | | | | | | | |
| Multiple | 0 | 0 | 8 | 16 | 5 | 10 | 7 | 14 | 20 | 41 | 12 | 24 | 32 | 65 |
| Single | 0 | 0 | 1 | 2 | 4 | 8 | 5 | 10 | 10 | 20 | 7 | 14 | 17 | 35 |
| Total | 0 | 0 | 9 | 18 | 9 | 18 | 12 | 24 | 30 | 61 | 19 | 39 | 49 | 100 |
| **Occurence** | | | | | | | | | | | | | | |
| Familial | 3 | 4 | 2 | 3 | 3 | 4 | 9 | 13 | 17 | 24 | 2 | 3 | 19 | 27 |
| Sporadic | 0 | 0 | 17 | 24 | 10 | 14 | 8 | 11 | 35 | 49 | 17 | 24 | 52 | 73 |
| Total | 3 | 4 | 19 | 27 | 13 | 18 | 17 | 24 | 52 | 73 | 19 | 27 | 71 | 100 |