**Supplementary Table 1. The raw data extracted from each study for CHB patients with negative HBeAg**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **year** | **r** | **n** | **ALT** | **age** | **Inflammation** |
| Schwarz KB | 2019 | 0.11 | 97 | Range：35 (8–121) U/L | 13.0 | mix |
| Esmaeelzadeh A | 2017 | 0.4 | 150 | 75.6±89 IU/L  Range ：10 - 661 | 38.44±11.34 (14-79 years) | most active |
| Elbir P | 2014 | 0.204 | 170 | NA | 37.9 (±11.3) | mix |
| Larsson SB | 2014 | 0.46 | 124 | Range:0.70(0.21-8.50) ULN | 35(18-61) | most active |
| Hou Y | 2013 | 0.837 | 48 | 79.8±34.5 IU/L | 35.6±12.3 | active |
| Wu DL | 2012 | 0.48 | 270 | 87.41%>40 | 2.96%<20 35.6% 20-40 61.5%>40 | most active |
| Croagh CMN | 2012 | 0.24 | 175 | Range:48 (11–2511) IU/mL | 45 (±12.83) | most active |
| Manesis EK | 2011 | 0.607 | 54 | 91(39-181) IU/L) | Interquartile range:49.7(42.4-59.5) | active |
| Ijaz B | 2011 | 0.911 | 339 | 70.3±15.1 IU/L | 32.75±11.7 | active |
| Wong GL | 2008 | 0.53 | 1089 | ALT＜2xULN | NA | mix |
| Shao J | 2007 | 0.351 | 35 | 162±94 U/L | 35±9 | active |
| Sangfelt P | 2004 | 0.12 | 171 | 0.33(0.15-1.79) μkat/L 3/171 elevated | 30(18-43) | mix |
| Kim KH | 2003 | 0.416 | 82 | >ULN | Range:45(10∼62) | active |
| Keun ChunY | 2000 | 0.357 | 72 | NA | NA | mix |
| Total |  |  | 2976 |  |  |  |

CHB, chronic hepatitis B; HBeAg, hepatitis B e antigen; ALT, alanine aminotransferase.