Corrigendum: High-performance n-type black phosphorus transistors with type control via thickness and contact-metal engineering

David J. Perello, Sang Hoon Chae, Seunghyun Song & Young Hee Lee

Nature Communications 6:7809 doi: 10.1038/ncomms8809 (2015); Published 30 Jul 2015; Updated 28 Jan 2016

In Fig. 3 of this article, there are a number of errors in the colours used for the data points and curves. In Fig. 3b, the blue data should be green, referring to a thickness of ‘3.5 nm’, and the green data should be blue, referring to a thickness of ‘8 nm’. In Fig. 3d, the blue data should be green and refer to a thickness of ‘3.5 nm’, the green data should be blue and refer to a thickness of ‘8 nm’ and the orange data should refer to a thickness of ‘13 nm’.

In Table 1, the Pd contacts on 13–14.5 nm of BP were ‘Unipolar p-type’, not ‘Unipolar n-type’.

The correct version of Fig. 3 and Table 1 appear below.
Table 1 | Type control summary by thickness and contact metal.

| BP thickness | 2.5–5.5 nm | 7–8 nm | 13–14.5 nm |
|--------------|------------|--------|------------|
| Al contacts  | Unipolar n-type | Unipolar n-type | Ambipolar |
| Pd contacts  | Ambipolar | Ambipolar p-type dominant | Unipolar p-type |