

SG No. 161 C_{3v}^6 $R3c$ [trigonal]

* plus set: $+ [0, 0, 0]$, $+ [\frac{2}{3}, \frac{1}{3}, \frac{1}{3}]$, $+ [\frac{1}{3}, \frac{2}{3}, \frac{2}{3}]$

Table 1: Wyckoff site: 6a, site symmetry: 3.

No.	position	mapping
1	$[0, 0, z]$	[1,2,3]
2	$[0, 0, z + \frac{1}{2}]$	[4,5,6]

Table 2: Wyckoff site: 18b, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	[1]
2	$[-y, x - y, z]$	[2]
3	$[-x + y, -x, z]$	[3]
4	$[-y, -x, z + \frac{1}{2}]$	[4]
5	$[-x + y, y, z + \frac{1}{2}]$	[5]
6	$[x, x - y, z + \frac{1}{2}]$	[6]