

## NPN型硅外延平面中小功率开关三极管

型号	极限参数					直流参数											交流参数			外形
	$P_{CM}$ mW	$I_{CM}$ mA	$BV_{CBO}$ V	$BV_{CEO}$ V	$BV_{EBO}$ V	$I_{CEO}$ $\mu A$	$V_{CE}$ V	$I_{EBO}$ $\mu A$	$V_{EB}$ V	$V_{BE(sat)}$ V	$V_{CE(sat)}$ V	$I_C$ mA	$I_B$ mA	$h_{FE}$	$V_{CE}$ V	$I_C$ mA	$f_T$ MHz	$t_s$ nS	$t_{off}$ nS	
3DK100-C	100	30	20-15	15-10	$\geq 4$	$\leq 0.1$	6	$\leq 0.1$	4	$\leq 0.9$	$\leq 0.3$	10	1	25-180	1	10	$\geq 300$	$\leq 10-20$		B1
3DK6A-C	75	20	20-15	15-10	$\geq 4$	$\leq 0.5$	6	$\leq 0.5$	4	$\leq 0.9$	$\leq 0.3$	10	1	25-180	1	10	$\geq 300$	$\leq 10-20$		B1
3DK5A-C	100	30	30-20	25-15	$\geq 4$	$\leq 0.5$	10	$\leq 0.5$	4	$\leq 0.9$	$\leq 0.3$	10	1	25-180	1	10	$\geq 300$	$\leq 15-40$		B1
3DK101A-C	200	40	30-20	25-15	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	4	$\leq 0.9$	$\leq 0.3$	20	2	25-180	1	20	$\geq 300$	$\leq 15-40$		B1
3DK102A-D	300	50	20-30	15-25	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	4	$\leq 0.9$	$\leq 0.3$	30	3	25-180	1	30	$\geq 300$	$\leq 15-30$		B1
3DK103A-C	300	50	20-60	15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	4	$\leq 0.9$	$\leq 0.3$	30	3	25-180	1	30	$\geq 200$	$\leq 35$		B1
3DK104A-D	700	400	75-100	60-80	$\geq 5$	$\leq 1$	30	$\leq 1$	4	$\leq 1$	$\leq 0.5$	300	30	25-180	3	200	$\geq 150$	150-80		B4
3DK105A-D	700	500	40-60	30-45	$\geq 4$	$\leq 1$	20	$\leq 1$	4	$\leq 1.2$	$\leq 0.5$	500	50	25-180	1	300	$\geq 150$	250-100		B4
3DK106A-D	700	600	40-60	30-45	$\geq 4$	$\leq 1$	20	$\leq 1$	4	$\leq 1.2$	$\leq 1.5$	500	50	25-180	1	500	$\geq 150$	250-100		B4
3DK107A-D	700	800	40-60	30-45	$\geq 4$	$\leq 1$	20	$\leq 1$	4	$\leq 1.2$	$\leq 0.5$	500	50	25-180	1	500	$\geq 150$	250-100		B4
3DK14A-F	1000	1000	50-70	40-60	$\geq 4$	$\leq 1$	10	$\leq 1$	4	$\leq 1$	$\leq 0.5$	500	50	15-55	1	500	$\geq 150$	250-150		B4
3DK1A-E	300	50	$\geq 25$	$\geq 15$	$\geq 4$	$\leq 0.5$	10			$\leq 1.2$	$\leq 0.2-0.5$	10	1	$\geq 20$	1	10	$\geq 200$		50-100	B1
3DK2A-C	200	30	30-20	25-15	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	4	$\leq 1$	$\leq 0.35$	10	1	$\geq 30$	1	10	$\geq 200$		30-60	B1
3DK2A1-C3	500	200	30-20	25-15	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.4$	50	5	25-180	1	50	$\geq 200$		40-60	B4
3DK3A-C	100	30	15-20	10-15	$\geq 4$	$\leq 0.1$	6	$\leq 0.1$	4	$\leq 1$	$\leq 0.35$	10	1	$\geq 30$	1	10	200-500		30-60	B1
3DK3A-I	700	800	20-75	15-60	$\geq 5$	$\leq 5$	15			$\leq 1.2$	$\leq 0.8$	300	30	25-200	5	300	$\geq 120$	250-120		B4
3DK4A-D	700	800	20-60	15-45	$\geq 4$	$\leq 1$	20	$\leq 1$	4	$\leq 1.2$	$\leq 0.5$	500	50	$\geq 30$	1	500	$\geq 150$	250-100		B4
3DK4A-F	1500	1500	70-20	50-15	$\geq 5$	$\leq 10$	15			$\leq 1.5$	$\leq 1$	600	60	25-200	5	600	$\geq 120$	200-120		E、F1
3DK5A-D	75	30	15-30	10-20	$\geq 4$	$\leq 0.5$	10	$\leq 0.5$	1.5	$\leq 1$	$\leq 0.35$	10	1	$\geq 20$	1	10	150-200		20-60	B1
3DK7A-F	300	50	25-40	15-30	$\geq 5$	$\leq 0.1$	10			$\leq 0.9$	$\leq 0.5$	10	1	40-180	1	10	$\geq 200$	$\leq 80$		B1
3DK8A-F	500	200	15-25	10-20	$\geq 5$	$\leq 5-0.5$	10			$\leq 1.2-1$	$\leq 0.6-0.4$	50	5	$\geq 30$	1	50	80-300	60-180		B4
3DK9A-H	700	400	25-100	20-80	$\geq 5$	$\leq 5-3$	15			$\leq 1.2$	$\leq 0.7$	300	30	$\geq 30$	3	200	$\geq 120$	150-100		B4
3DK10A-H	1500	1500	25-100	20-80	$\geq 4$	$\leq 40-10$	15			$\leq 1.3$	$\leq 0.8$	600	60	$\geq 25$	5	600	$\geq 100$	$\leq 120$		E、F1
3DK12A-C	300	50	$\geq 35$	$\geq 30$	$\geq 5$	$\leq 0.1$	10			$\leq 0.9$	$\leq 0.3$	10	1	30-180	1	10	$\geq 200$		$\leq 50$	B1
3DK13A-D	200	30	20-30	15-20	$\geq 4$	$\leq 0.1$	10			$\leq 1$	$\leq 0.35$	10	1	20-50	1	10	150-200		20-60	B1
3DK16A-D	150	30	$\geq 30$	$\geq 25$	$\geq 4$	$\leq 0.1$	10			$\leq 0.9$	$\leq 0.3$	10	1	$\geq 20$	1	10	$\geq 200$		30-100	B1
3DK21A-C	500	200	$\geq 35$	$\geq 30$	$\geq 5$	$\leq 0.1$	10			$\leq 1$	$\leq 0.4$	50	5	30-180	1	50	$\geq 200$		$\leq 40$	B4
3DK22A-C	500	200	$\geq 35$	$\geq 30$	$\geq 5$	$\leq 0.1$	10			$\leq 1$	$\leq 0.4$	50	5	30-180	1	50	$\geq 200$		$\leq 40$	B4
3DK24A-Q	700	800	20-75	15-60	$\geq 5$	$\leq 5$	10			$\leq 1.2$	$\leq 0.8$	300	30	$\geq 25$	5	300	$\geq 120$	120-150		B4

3DK26A-F	700	800	40-20	30-15	≥4	≤10	10			≤1.5	≤1	500	50	≥20	1	500	≥150		60-100	B4
3DK28A-H	300	50	15-30	15-25	≥4	≤1	10			≤1	≤0.35	10	1	≥30	1	10	≥400		15-35	B1
3DK30A-G	1500	1500	25-75	20-60	≥5	≤50-10	15			≤1.5	≤1	600	60	≥20	5	600	≥120		150-200	E、F1
3DK40A-B	500	200	100-120	80-100	≥5	≤0.5	10			≤1	≤0.6	50	5	≥20	1	50	≥150	≤150		B4
3DK41A-D	1500	1500	≥70	≥50	≥5	≤1	10			≤1.5	≤0.8	600	60	25-150	5	600	≥120	≤40		E、F1
3DK100A-D	700	800	40-60	30-50	≥4	≤10	10	≤1	1.5	≤1.2	≤0.6	500	50	≥20	1	500	≥150		50-150	B4
2G960A-D	700	800	40-60	30-45	≥4	≤10	10	≤1	1.5	≤1.2	≤0.6	500	50	≥20	1	500	≥150		50-150	B4

## PNP型硅外延平面中小功率开关三极管

型号	极限参数					直流参数										交流参数			外形	
	P <sub>CM</sub> mW	I <sub>CM</sub> mA	BV <sub>CB0</sub> V	BV <sub>CEO</sub> V	BV <sub>EBO</sub> V	I <sub>CEO</sub> μA	V <sub>CE</sub> V	I <sub>EBO</sub> μA	V <sub>EB</sub> V	V <sub>BE(sat)</sub> V	V <sub>CE(sat)</sub> V	I <sub>C</sub> mA	I <sub>B</sub> mA	h <sub>FE</sub>	V <sub>CE</sub> V	I <sub>C</sub> mA	f <sub>T</sub> MHz	t <sub>s</sub> nS		t <sub>off</sub> nS
3CK2A-E	300	50	≥25	≥15	≥5	0.5	10			≤1	≤0.3	10	1	≥20	10	10	≥150		60-150	B1
3CK9A-D	700	700	20-60	15-60	≥4	≤20	10				≤1	500	50	≥30	3	300	≥150		≤200	B4

## NPN型硅外延平面中小功率高反压三极管

型号	极限参数					直流参数										交流参数			外形
	P <sub>CM</sub> mW	I <sub>CM</sub> mA	BV <sub>CB0</sub> V	BV <sub>CEO</sub> V	BV <sub>EBO</sub> V	I <sub>CEO</sub> μA	V <sub>CE</sub> V	I <sub>EBO</sub> μA	V <sub>EB</sub> V	V <sub>BE(sat)</sub> V	V <sub>CE(sat)</sub> V	I <sub>C</sub> mA	I <sub>B</sub> mA	h <sub>FE</sub>	V <sub>CE</sub> V	I <sub>C</sub> mA	f <sub>T</sub> MHz		
3DA87A-E	1000	100	80-300	80-300	≥5	≤5000	25				≤1	20	20	≥20	25	10	40-100	B4	
3DA150A-D	1000	100	100-250	100-250	≥5	≤10	50			≤1.2	≤1	50	5	45-180	20	10	50-80	B4	
3DG160A-D	300	20	200-500	200-500	≥5	≤0.1	30	≤0.1	1.5	≤1	≤5	10	1	≥10	10	1	≥10	B1	
3DG161A-N	300	20	60-300	60-300	≥5	≤0.1	30	≤0.1	1.5	≤1	≤3	10	1	≥20	10	2	50-100	B1	
3DG162A-J	300	20	60-220	60-220	≥5	≤0.1	30	≤0.1	1.5	≤1	≤0.5	10	1	≥20	10	2	50-100	B1	
3DG170A-J	500	50	60-220	60-220	≥5	≤0.5	30	≤0.1	1.5	≤1	≤0.5	50	5	≥20	10	5	50-100	B4	
3DG180A-N	700	100	60-300	60-300	≥5	≤1	30	≤0.5	1.5	≤1	≤0.8	100	10	≥20	10	20	50-100	B4	
3DG181A-J	700	200	60-220	60-220	≥5	≤2	30	≤1	1.5	≤1	≤0.8	100	10	≥20	10	50	50-100	B4	
3DG182A-J	700	300	60-220	60-220	≥5	≤2	30	≤1	1.5	≤1.2	≤1	200	20	≥20	2	200	50-100	B4	
3DG150A-D	700	50		100-250	≥5	≤10	30				≤1	20	5	≥30	20	10	≥50	B4	
3DG27A-J	700	200	60-220	60-220	≥5	≤2	30	≤1	1.5	≤1.2	≤1	100	10	≥20	10	5	50-100	B4	
3DG48A-I	700	70	30-200	20-180	≥4	≤10	30			≤1.2	≤1	70	7	≥20	20	20	≥100	B4	

3DG54A-E	700	300	60-200	60-200	≥4	≤10	30			≤1.5	≤1	100	10	20-200	10	50	≥150	B4
3DG401-409	250	15	30-200	20-180	≥4	≤0.2-1	30	≤0.1	1.5	≤1	≤3	10	1	≥20	10	2	≥100	B1

## PNP型硅外延平面中小功率高反压三极管

型号	极限参数					直流参数											交流参数	外形
	P <sub>CM</sub> mW	I <sub>CM</sub> mA	BV <sub>CBO</sub> V	BV <sub>CEO</sub> V	BV <sub>EBO</sub> V	I <sub>CEO</sub> μA	V <sub>CE</sub> V	I <sub>EBO</sub> μA	V <sub>EB</sub> V	V <sub>BE(sat)</sub> V	V <sub>CE(sat)</sub> V	I <sub>C</sub> mA	I <sub>B</sub> mA	h <sub>FE</sub>	V <sub>CE</sub> V	I <sub>C</sub> mA	f <sub>T</sub> MHz	
3CA1A-F	1000	100	30-150	30-150	≥4	≤100		≤10			≤1	50	10	≥20	20	10	≥50	B4、F1
3CG170A-E	500	50		60-220	≥4	≤0.5	30	≤0.1	1.5	≤1	≤0.5	30	3	≥25	10	10	≥100	B4
3CG180A-H	700	100		100-220	≥4	≤1	30	≤0.5	1.5	≤1	≤0.8	50	5	≥15	10	20	≥50	B4
3CG182A-E	700	300	60-220	60-220	≥4	≤5	30	≤1	1.5	≤1.2	≤0.8	200	20	≥20	2	200	≥30	B4
3CG35A-F	700	200	30-250	30-250	≥5	≤0.5	15			≤0.9	≤0.35	50	5	20-120	5	50	≥70	B4
3CG201-205	500	50		60-220	≥4	≤0.5		≤0.1		≤1	≤1	100	10	≥25	10	10	50-100	B4

## NPN型硅外延平面中小功率高频三极管

型号	极限参数					直流参数											交流参数	外形
	P <sub>CM</sub> mW	I <sub>CM</sub> mA	BV <sub>CBO</sub> V	BV <sub>CEO</sub> V	BV <sub>EBO</sub> V	I <sub>CEO</sub> μA	V <sub>CE</sub> V	I <sub>EBO</sub> μA	V <sub>EB</sub> V	V <sub>BE(sat)</sub> V	V <sub>CE(sat)</sub> V	I <sub>C</sub> mA	I <sub>B</sub> mA	h <sub>FE</sub>	V <sub>CE</sub> V	I <sub>C</sub> mA	f <sub>T</sub> MHz	
3DA18A-B	1000	150	35-55	30-50	2-3	≤100	12				≤0.5	50	10	≥15	5	30	≥300	B4
3DA37A-L	500	150	48-50	30-35	≥4	≤50	10				≤0.5	100	20	≥15	5	30	≥800	B4
3DG100A-D	100	20	30-40	20-30	≥4	≤0.01	10	≤0.01	1.5	≤1	≤0.35	10	1	≥30	10	3	150-300	B1
3DG101A-F	100	20	20-40	15-30	≥4	≤0.01	10	≤0.01	1.5	≤1	≤0.35	10	1	≥30	10	3	150-300	B1
3DG102A-D	100	20	30-40	20-30	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥30	10	3	150-300	B1
3DG103A-D	100	20	20-40	15-30	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥30	10	3	500-700	B1
3DG110A-F	300	50	20-60	15-45	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.5	10	1	≥30	10	10	150-300	B1
3DG111A-F	300	50	20-60	15-45	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.5	10	1	≥30	10	10	150-300	B1
3DG112A-D	300	50	20-40	15-30	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥30	10	10	500-700	B1
3DG120A-D	500	100	40-60	30-45	≥4	≤0.01	10	≤0.01	1.5	≤1	≤0.5	50	5	≥30	10	30	150-300	B4
3DG121A-D	500	100	40-60	30-45	≥4	≤0.2	10	≤0.1	1.5	≤1	≤0.5	50	5	≥30	10	30	150-300	B4
3DG122A-D	500	100	40-60	30-45	≥4	≤0.2	10	≤0.1	1.5	≤1	≤0.5	50	5	≥30	10	30	500-700	B4
3DG130A-D	700	300	40-60	30-45	≥4	≤1	10	≤0.5	1.5	≤1	≤0.6	100	10	≥30	10	50	150-300	B4

3DG140A-C	100	15	≥15	≥10	≥4	≤0.1	6	≤0.1	1.5	≤1	≤0.35	10	1	≥20	6	1	≥400	B1
3DG141A-C	100	15	≥15	≥10	≥4	≤0.1	6	≤0.1	1.5	≤1	≤0.35	10	1	≥20	6	1	≥600	B1
3DG142A-C	100	15	≥15	≥10	≥4	≤0.1	6	≤0.1	1.5	≤1	≤0.35	10	1	≥20	6	1	≥800	B1
3DG200A-C	100	20		15-25	≥4	≤0.1	10	≤0.05	1.5	≤0.9	0.5-0.9	10	1	25-270	10	1	≥100	B1
3DG1A-C	200	20	20-25	≥15	≥5	≤0.1	10			≤1	≤0.35	10	1	≥20	5	1	100-120	B1
3DG2A-D	100	30	20-45	15-30	≥6	≤0.1	10			≤1	≤0.35	10	1	≥20	10	3	100-400	B1
3DG3A-I	700	800	80-20	50-15	≥4	≤10	15			≤1.2	≤0.8	300	30	≥20	5	300	100-300	B4
3DG4A-F	300	30	40-20	30-15	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥30	10	10	150-300	B1
3DG5A-E	300	30	20-80	20-80	≥4	10	10			≤1	≤0.35	10	1	≥20	10	5	≥50	B1
3DG6A-D	100	20	30-45	15-30	≥4	0.1-0.01	10	0.1-0.01	1.5	≤1.1	≤0.35	10	1	≥30	10	3	100-250	B1
3DG7A-C	500	100	20-60	15-45	≥4	≤0.5	10			≤1.5	≤0.5	50	5	≥30	10	30	100-200	B4
3DG7D	700	200	≥60	≥45	≥4	≤10	10			≤1.5		100	10	≥20	10	30	≥100	B4
3DG8A-E	200	20	15-60	15-60	≥4	≤1-0.1	10	≤1-0.1	1.5	≤1		10	1	≥30	10	3	100-250	B1
3DG9A-F	300	30	12-25	12-25	≥5	≤5-0.1	10			≤1	≤0.35	10	1	20-120	1	10	150-300	B1
3DG10A-F	500	100	12-30	12-20	≥5	≤5-0.5	10			≤1.2	≤0.5	50	5	20-120	1	50	150-300	B4
3DG11A-C	100	30	≥15	≥9	≥4	≤0.1	6	≤0.1	1.5	≤1	≤0.35	10	1	≥30	6	10	300-700	B1
3DG12A-D	700	300	40-60	30-45	≥4	≤10	10			≤1.2	≤0.5	100	10	≥30	10	50	100-300	B4
3DG13A-E	100	20	15-60	15-60	≥4	≤0.5	10			≤1	≤0.35	10	1	≥20	10	3	≥500	B1
3DG14A-B	75	30	≥15	≥9	≥4	≤0.5	6	≤0.5	1.5	≤1	≤0.35	10	1	≥20	6	3	300-500	B1
3DG18A-C	100	10	≥18	≥12	≥4	≤0.5	10	≤0.1	1.5	≤1	≤0.5	10	1	≥20	6	2	600-1000	B1
3DG30A-G	100	20	15-25	10-20	≥4	≤0.1	8			≤1	≤0.5	10	1	20-200	6	1	300-1000	B1
3DG32A-F	300	50	≥25	≥15	≥4	≤0.5	10			≤1	≤0.35	10	1	≥30	10	10	300-700	B1
3DG33A-C	300	45	≥40	≥25-30	≥5	≤0.01	10	≤0.01	1.5	≤1	≤0.8	10	1	≥30	10	10	≥300	B1
3DG44A-D	300	30	25-30	15-20	≥3	≤1	10	≤1	2	≤1	≤0.35	10	1	20-250	10	10	1000-2000	B1
3DG51A-E	100	15	≥15	≥10	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥20	6	2	800-1500	B1
3DG80A-B	150	30	≥20	≥20	≥4	≤0.1	10	≤0.1	1.5	≤1	≤0.35	10	1	≥30	10	10	400-600	B1
3DG81A-C	300	30	20-15	15-10	≥4	≤0.1	10	≤0.1	2	≤1	≤0.35	10	1	≥30	10	10	1000-2000	B1
3DG82A-C	500	80	20-25	20-25	≥5	≤50	10			≤1	≤0.9	50	5	≥30	5	30	1000-1500	B4
3DG84A-D	100	15	≥20	≥20	≥4	≤0.1	10			≤1	≤0.35	10	1	30-250	10	3	≥600	B1
3DG86	300	30	≥30	≥20	≥4	≤0.1	10			≤1	≤0.35	10	1	35-250	10	10	≥700	B1
DG304	300	30	15-40	15-40	≥4	≤0.1	10			≤1	≤0.35	10	1	≥30	10	10	400-600	B1

## PNP型硅外延平面中小功率高频三极管

参数 型号	极限参数					直流参数											交流参数	外形
	$P_{CM}$ mW	$I_{CM}$ mA	$BV_{CBO}$ V	$BV_{CEO}$ V	$BV_{EBO}$ V	$I_{CEO}$ $\mu A$	$V_{CE}$ V	$I_{EBO}$ $\mu A$	$V_{EB}$ V	$V_{BE(sat)}$ V	$V_{CE(sat)}$ V	$I_C$ mA	$I_B$ mA	$h_{FE}$	$V_{CE}$ V	$I_C$ mA	$f_T$ MHz	
3CG100A-C	100	30		15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.3$	10	1	$\geq 25$	10	5	$\geq 100$	B1
3CG101A-C	100	30		15-35	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.8$	10	1	$\geq 25$	10	5	$\geq 100$	B1
3CG110A-C	300	50		15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.3$	30	3	$\geq 25$	10	10	$\geq 100$	B1
3CG111A-C	300	50		15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.5$	30	3	$\geq 25$	10	10	$\geq 200$	B1
3CG112A-C	300	50		15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.5$	30	3	$\geq 25$	10	10	$\geq 100$	B1
3CG120A-C	500	100		15-45	$\geq 4$	$\leq 0.1$	10	$\leq 0.1$	1.5	$\leq 1$	$\leq 0.5$	50	5	$\geq 25$	10	30	$\geq 200$	B4
3CG130A-C	700	300		15-45	$\geq 4$	$\leq 1$	10	$\leq 0.5$	1.5	$\leq 1$	$\leq 0.6$	100	10	$\geq 25$	10	50	$\geq 80$	B4
3CG1A-E	150	50	20-60	15-50	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.3$	10	1	$\geq 25$	10	5	$\geq 100$	B1
3CG2A-H	300	30		15-65	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.5$	10	1	$\geq 25$	10	10	$\geq 80$	B1
3CG2A-F	500	200	20-60	15-50	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.5$	20	2	$\geq 25$	10	10	50-100	B4
3CG3A-E	300	50	20-60	15-45	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.3$	10	1	25-80	6	10	100-200	B1
3CG4A-G	300	50	20-70	15-55	$\geq 4$	$\leq 0.1$	10			$\leq 1$	$\leq 0.3$	10	1	$\geq 25$	10	5	$\geq 150$	B1
3CG5A-E	500	150	20-60	15-45	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	50	5	$\geq 25$	2	50	100-200	B4
3CG6A-G	600	150	20-50	15-40	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	50	5	$\geq 25$	2	50	100-150	B4
3CG7A-F	700	100	20-80	15-80	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	50	5	$\geq 30$	10	5	$\geq 80$	B4
3CG8A-F	500	150	25-75	20-70	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	50	5	$\geq 25$	2	50	$\geq 100$	B4
3CG9A-D	300	30	15-25	15	$\geq 4$	$\leq 0.1$	10			$\leq 0.9$	$\leq 0.3$	10	1	$\geq 20$	1	10	100-200	B1
3CG10A-I	300	50	20-60	15-50	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.3$	10	1	$\geq 20$	10	5	$\geq 50-80$	B1
3CG11A-I	300	50	20-80	15-75	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.3$	10	1	$\geq 25$	10	10	80-100	B1
3CG12A-I	500	50	20-80	15-70	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	10	1	10-40	10	10	80-180	B4
3CG17A-I	150	20	20-50	15-35	$\geq 4$	$\leq 0.5$	6			$\leq 1$	$\leq 0.5$	10	1	$\geq 20$	10	10	150-300	B1
3CG18A-G	300	50	20-50	15-40	$\geq 4$	$\leq 0.5$	10			$\leq 1$	$\leq 0.5$	30	3	$\geq 25$	10	10	150-250	B1
3CG21A-G	300	50	20-100	15-100	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	30	3	$\geq 25$	6	30	$\geq 100$	B1
3CG22A-G	500	100	20-100	15-100	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.8$	50	5	$\geq 25$	6	30	$\geq 100$	B4
3CG23A-G	700	150	15-100	15-100	$\geq 4$	$\leq 1$	10			$\leq 1$	$\leq 0.5$	100	10	$\geq 30$	3	100	$\geq 60$	B4
3CG30A-F	300	50	20-70	15-60	$\geq 5$	$\leq 0.5$	10			$\leq 0.9$	$\leq 0.3$	10	1	$\geq 25$	6	5	$\geq 100$	B1
3CG31A-F	300	50	20-70	15-60	$\geq 5$	$\leq 0.5$	10			$\leq 0.9$	$\leq 0.3$	10	1	$\geq 25$	6	5	100-150	B1
3CG74A-D	200	30		15-35	$\geq 5$	$\leq 1$	10			$\leq 1$	$\leq 0.3$	10	1	$\geq 30$	10	5	$\geq 80$	B1