

## Biolistic gun-mediated maize transformation summary

**Dissection date:** 2/25/2008  
**Maize genotype:** Hi II PTF F2 (greenhouse)  
**Embryo size:** 1.5 mm  
**Emb treatment:** embryos dissected to N6E 2 days prior to bombardment  
**Bombardment date:** 2/27/2008  
**Construct:** pAHC25  
**Bombardment parameters:** 650 psi, 6cm target, 6 mm gap,  
**Pre/Post-bb treatments:** 4 hr pre/20 hour post osmotic treatment

Operator	Plate #	# embryos bombarded	# putative events	Final transformation frequency (%)
Adam	13	13	4	30.8
Adam	14	14	4	28.6
Dan	5	18	4	22.2
Loren	1	18	6	33.3
MeiMei	16	20	5	25.0
Moises	2	20	6	30.0
Nic	18	16	3	18.8
Sarah	17	20	2	10.0
Xi	19	16	1	6.3
Yan	7	15	4	26.7
Yan	15	20	4	20.0
<b>Class average</b>		<b>190</b>	<b>43</b>	<b>22.6</b>

## Agrobacterium-mediated maize transformation summary

**Experiment date:** 2/22/2008  
**Maize genotype:** Hi II PTF F2 (greenhouse)  
**Embryo size:** 1.5 mm  
**Construct:** pTF102 in EHA101  
**Agro strain growth cond:** 19 C, 3-d  
**Agro density (OD<sub>550</sub>):** 0.36  
**CC medium:** B300, 3-d old  
**Co-cultivation:** 20 C, 3-d, dark

Operator	Plate #	# embryos infected	# putative events	Final transformation frequency (%)
Adam	13	39	0	0.0
Loren	4	29	0	0.0
MeiMei	9	19	3	15.8
Mercedes	10	43	0	0.0
Moises	8	27	0	0.0
Nic	12	35	0	0.0
Sarah	11	37	1	2.7
Xi	7	22	2	9.1
Xiang	6	48	2	4.2
Yan	5	18	0	0.0
Zach	3	28	1	3.6
<b>Class average</b>		<b>345</b>	<b>9</b>	<b>2.6</b>