

# HFR Class Data

initials	met <sup>+</sup> cys <sup>+</sup>	met <sup>-</sup> cys <sup>+</sup>	met <sup>+</sup> cys <sup>-</sup>	met <sup>-</sup> cys <sup>-</sup>	recom. cell/ml mating mix
AD MC	44	6	0	0	$2.98 \times 10^5$ cell/ml
VA AK	39	11	0	0	$1.67 \times 10^5$ $1.4 \times 10^6$
HS/cm	38	9	0	3	$2.96 \times 10^4$ cell/ml
NW MH CGH	43	7	0	0	$2.22 \times 10^5$ cell/ml
ZB/KB	37	7	0	2	$1.67 \times 10^5$ cell/ml
SB/RN	36	13	0	0	$3.56 \times 10^5$
TS/TD	38	11	0	0	$2.92 \times 10^5$
7 lots	lots	0	5		

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NW	49	1	0	0	$2.27 \times 10^3$ CFU/ml
QM	48	0	0	0	$2.8 \times 10^3$ CFU/ml
EM	46	3	0	0	$2.5 \times 10^3$ CFU/ml
CV	49	1	0	0	$2.24 \times 10^3$ CFU/ml
BH	46	3	0	0	$1.21 \times 10^3$ CFU/ml
DC	45	4	0	0	$2.59 \times 10^3$ CFU/ml
SM	46	4	0	0	$2.59 \times 10^3$ CFU/ml
DN	45	3	2	0	$2.1 \times 10^3$ CFU/ml
OY	46	2	2	0	$1.21 \times 10^3$ CFU/ml
AM	44	1	0	3	$2.72 \times 10^3$ CFU/ml
SC	43	0	0	0	$2.52 \times 10^3$ CFU/ml
BB	46	0	0	4	$2.48 \times 10^3$ CFU/ml
KW	49	1	0	0	$1.88 \times 10^3$ CFU/ml
RS	46/47	1	0	0	$1.84 \times 10^3$ CFU/ml
EC	48	0	0	0	$1.81 \times 10^3$ CFU/ml
Total	737	24	8	8	

Disregard, see  
next page.

# HFR CLASS DATA, RIF

initials	met <sup>+</sup> rif <sup>R</sup>	met <sup>+</sup> rif <sup>S</sup>	met <sup>-</sup> rif <sup>S</sup>	met <sup>-</sup> rif <sup>R</sup>
AK	78-39	0		
VA	39	0		
MC	44	0		
AD	44	0		
MH	43	0		
RN	36	0		
SB	36	0		
CM	37	1		
TD	38-37	0 1		
TS	38-37	0 1		
HS	40	1		
JW	43	0		
Z.B	35	2		
KB	37	0		
CGH	43	0		
	whole lot	6		
Total				