RDX2
X
┐┐ ☼┐┐└┘┐ ┘ chem.physical_and_invitro.data└ ‼ ,┼ 0┘
Acetaminophen┘
Acetochlor┘ • Ametryn┘ ♂ Bisphenol-A┘ ◘ boscalid┘ ◘ Carbaryl┘
Cyproconazole┘ ◘ Diazepam┘ Diltiazem┘ Fenarimol┘ ♂ Flusilazole┘
├ Formetanate hydrochloride┘ ◘ Imazalil┘ ◘ Isazofos┘ ♂ Propyzamide┘

Pyrimethanil┘ ↕ Pyrithiobac-sodium┘ ♂ Thidiazuron┘

Triflumizole

Troglitazone
Zidovudine ♬ 2-Phenylphenol Abamectin ◘ Aldicarb Atrazine
♬ Azinphosmethyl

Azoxystrobin♩
Bendiocarb♩
Bifenazate♩
Bromoxynil♩ ♬ Cacodylic acid♩ ◘ Caffeine♩ ◘ Carboxin♩ ♂ Chloridazon♩
Clomazone♩

Clothianidin┘ Cyanazine┘ ♂ Cyclanilide┘
Cyromazine┘ • Dazomet┘ ◘ Diazoxon┘ • Dicamba┘ ♂ Dichlorprop┘
Diclosulam┘ ♂ Dicrotophos┘ ◄ Diethyl toluamide┘ ♬ Difenoconazole┘
Dimethoate┘

Dimethomorph┘
Diphenylamine┘ – Diuron┘ ┬ Ethametsulfuron-methyl┘
Fenamidone┘
Fenamiphos┘
Fenhexamid┘
Fenoxycarb┘ Fluazinam┘ ♂ Fludioxonil┘ ♂ Flumetsulam┘ ♂ Fluometuron┘
Fluoxastrobin┘
Fluroxypyr┘
Flutolanil┘ ☼ Forchlorfenuron┘

Hexaconazole
Hexazinone ◘ Icaridin ◘ Imazamox ◘ Imazapyr Imazaquin ♂ Imazethapyr

Imidacloprid┘ → Iodosulfuron-methyl-sodium┘ ◘ Isoxaben┘

Ketoconazole
Mesotrione

- Linuron

Methidathion
Methoxyfenozide
Metribuzin
Metsulfuron-methyl
Mono-n-butyl Phthalate (MBP)

Myclobutanil♩ ♂ Norflurazon♩ ◘ Oryzalin♩ ♂ Oxasulfuron♩
Paclobutrazol♩
Penoxsulam♩ Pentadecafluorooctanoic acid♩ Perfluorooctane sulfonic acid♩
♬ Phenoxyethanol♩
Pirimicarb♩
Prochloraz♩ ├ Propamocarb hydrochloride♩ Propazine♩

Propetamphos┘ ◘ Propoxur┘ ♂ Pymetrozine┘

Pyriproxyfen┘
Sethoxydim┘ ◘ Simazine┘ ♂ Spiroxamine┘
Sulfentrazone┘

Tebufenozide♩ ♂ Tebuthiuron♩

Tepraloxydim┘ ◘ Terbacil┘
THIABENDAZOLE┘ ♂ Thiacloprid┘

Thiamethoxam Thiazopyr Thiophanate Methyl

Triasulfuron⌟ Triclopyr⌟ ♬ Triflusulfuron⌟
Triticonazole⌟ ◘ Warfarin⌟ Phenytoin⌟
Alprazolam⌟ ◘ Bosentan⌟
Diclofenac⌟ Diltiazem⌟
Hexobarbitone⌟ Ibuprofen⌟
Imipramine⌟
Metoprolol⌟ Midazolam⌟ ♂ Nicardipine⌟ ♂ Ondansetron⌟ ♂ Tolbutamide⌟
Bensulide ⌟

Chlorpropham┘ Etoxazole┘
Fenbuconazole┘ ◘ Zoxamide┘ Bentazone┘ ‼ Halosulfuron-methyl┘
Tetraconazole┘ ◘ Alachlor┘
Antipyrine┘ Chloroneb┘ ♂ Dichlobenil┘

Dimethenamid↲ ↕ dimethyl phthalate↲

Diniconazole

Ethofumesate┘ ◘ Ethoprop┘ – FK1052┘ │ FK480┘
Flufenacet┘ ♂ Flumioxazin┘ Metalaxyl┘ ♂ Metolachlor┘ ◘ Molinate┘
♂ Oxyfluorfen┘ ◘ Rotenone┘ ♬ S-Bioallethrin┘
Tri-allate┘ ◘ Tribufos┘ ♂ Nilvadipine┘
Phenacetin┘ 52,2-Bis(4-hydroxyphenyl)-1,1,1-trichloroethane (HPTE)┘ ¶ Acetylsalicylic acid┘
♂ Acifluorfen┘
Acrylamide┘ • Amitraz┘ Anilazine┘ ♂ Benfluralin┘ • Benomyl┘ ↕ Bensulfuron-
methyl┘ ◄ Benz(a)anthracene┘ • Benzene┘
Bifenthrin┘
Buprofezin┘ Butachlor┘ ◘ Butralin┘ ◘ Butylate┘ ♂ Carbendazim┘
♬ Chlorethoxyfos┘

Chlorpyrifos┘ ‼ Chlorpyrifos-methyl┘ ♂ Cinmethylin┘

Clofentezine
Clofibrate
Clorophene Coumaphos Cycloate
Cyprodinil d-cis,trans- Allethrin

Deltamethrin⌋ ◘ Diazinon⌋ ◀ Dibutyl phthalate⌋ Dichloran⌋ ☼ Diclofop-methyl⌋
• Dicofol⌋ ⊥ Diethyhexyl phthalate⌋ ◀ Diethylene glycol⌋ – Diquat⌋
Disulfoton⌋ Dithiopyr⌋ ♂ Domoic acid⌋
Endosulfan⌋ ⌟ EPTC⌋
Esfenvalerate⌋
Ethalfluralin⌋ ♂ Etridiazole⌋

Fenitrothion♩ ♂ Fenofibrate♩ ┼ Fenoxaprop-ethyl♩ ◘ Fenthion♩ ┼ Fentin hydroxide♩
◘ Fipronil♩ ◀ Fluazifop-P-butyl♩ ♂ Flumetralin♩ ◀ Fluroxypyr-meptyl♩
Flutamide♩ Genistein♩ ♂ Glycidamide♩ ◘ Gossypol♩
◀ Hexachlorobenzene♩ ☼ Hexachlorophene♩ ♂ Hexythiazox♩
Indoxacarb♩ Iprodione♩

Isoxaflutole ◘ Lactofen

Lead acetate

- Lindane

Malathion

‼ Mesosulfuron-methyl

Methoxychlor┘ ┼ Methyl Parathion┘ └ MGK┘ ♂ Napropamide┘ ◘ Nicotine┘
Nitrapyrin┘ Novaluron┘

Ochratoxin A⌟ Oxadiazon⌟ ● Paraben⌟ ◘ Paraoxon⌟ Parathion⌟
Pendimethalin⌟ ◀ Pentachlorophenol⌟
Permethrin⌟

Phenanthrene⌟ Phosalone⌟ ◘ Picloram⌟ ↕ Piperonyl butoxide⌟ ◀ Pirimiphos-methyl⌟ ◀ Potassium cyanide⌟
Prodiamine⌟ ◘ Prometon⌟ Prometryn⌟ ◘ Propanil⌟ ♂ Prosulfuron⌟
♬ Pyraclostrobin⌟ – Pyrene⌟ pyridaben⌟
Quinoxyfen⌟
Quintozene⌟
Resmethrin⌟
Rifampicin⌟

Tebufenpyrad

Tebupirimfos
Tefluthrin

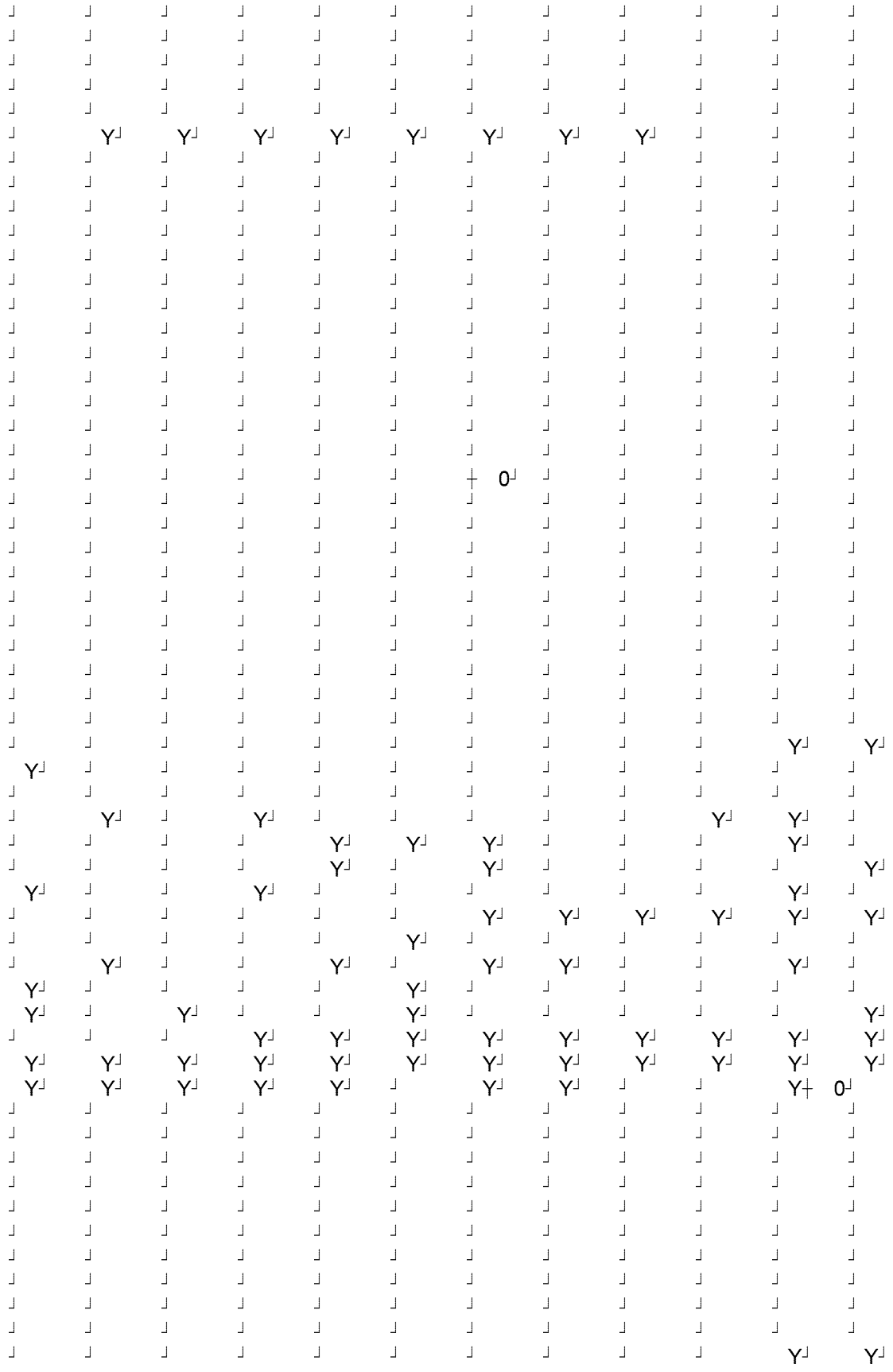
Tetramethrin┘ ♂ Thiobencarb┘ • Toluene┘ ♂ Triadimefon┘ Triclosan┘
♂ Trifluralin┘
Trimethadione┘

Trimethyltin♩ ♂ Vinclozolin♩ ♂ Wyeth-14643♩ ↕ Methoxyacetic acid♩ │ 2,4-D♩ #4-(2,4-Dichlorophenoxy)butyric acid♩ ┬ 6-Desisopropylatrazine♩ ◘ Acephate♩ ♂ Acetamiprid♩
◘ Bromacil♩ • Cloprop♩ ◘ Cotinine♩ → Difenzoquat methyl sulfate♩
Foramsulfuron♩ ♂ Fosthiazate♩ ◘ Imazapic♩ ♩ MCPA♩ – Oxamyl♩
├ Oxytetracycline dihydrate♩
Phenobarbital♩
Quinclorac♩ ♂ Quinotolast♩ ♂ Rimsulfuron♩ ♂ Triadimenol♩ ┤ Trifloxysulfuron-sodium♩
Valproic acid♩ ♂ Cyclosporin♩ ☼ 2,5-Hexanedione♩ ↕ Diethylstilbestrol♩
Retinoic acid♩ ├ Mono ethylhexyl phthalate┤ 0♩ ◘ 103-90-2♩
34256-82-1♩ ◘ 834-12-8♩ • 80-05-7♩ ♂ 188425-85-6♩ • 63-25-2♩
94361-06-5♩
53320-84-6♩
33286-22-5♩
60168-88-9♩
85509-19-9♩
23422-53-9♩
35554-44-0♩
42509-80-8♩
23950-58-5♩
53112-28-0♩ ♂ 123343-16-8♩
51707-55-2♩
68694-11-1♩
97322-87-7♩
30516-87-1♩ • 90-43-7♩
71751-41-2♩ ◘ 116-06-3♩ 1912-24-9♩ • 86-50-0♩ ♂ 131860-33-8♩
22781-23-3♩ ♂ 149877-41-8♩ 1689-84-5♩ • 75-60-5♩ • 58-08-2♩
5234-68-4♩ 1698-60-8♩
81777-89-1♩ ♂ 210880-92-5♩
21725-46-2♩ ♂ 113136-77-9♩
66215-27-8♩ ◘ 533-74-4♩ ◘ 962-58-3♩ 1918-00-9♩ ◘ 120-36-5♩ ♂ 145701-21-9♩
◘ 141-66-2♩ ◘ 134-62-3♩ ♂ 119446-68-3♩ • 60-51-5♩ ♂ 110488-70-5♩
◘ 122-39-4♩ ◘ 330-54-1♩
97780-06-8♩ ♂ 161326-34-7♩
22224-92-6♩ ♂ 126833-17-8♩
72490-01-8♩
79622-59-6♩ ♂ 131341-86-1♩
98967-40-9♩ 2164-17-2♩ ♂ 361377-29-9♩
69377-81-7♩
66332-96-5♩
68157-60-8♩
79983-71-4♩
51235-04-2♩ ♂ 119515-38-7♩ ♂ 114311-32-9♩
81334-34-1♩
81335-37-7♩
81335-77-5♩ ♂ 138261-41-3♩ ♂ 144550-36-7♩
82558-50-7♩
65277-42-1♩ ◘ 330-55-2♩ ♂ 104206-82-8♩ ◘ 950-37-8♩ ♂ 161050-58-4♩
21087-64-9♩
74223-64-6♩ ◘ 131-70-4♩
88671-89-0♩
27314-13-2♩
19044-88-3♩ ♂ 144651-06-9♩
76738-62-0♩ ♂ 219714-96-2♩ ◘ 335-67-1♩ 1763-23-1♩ ◘ 122-99-6♩
23103-98-2♩
67747-09-5♩
25606-41-1♩ ◘ 139-40-2♩

31218-83-4 ◘ 114-26-1 ♂ 123312-89-0
95737-68-1
74051-80-2 ◘ 122-34-9 ♂ 118134-30-8 ♂ 122836-35-5 ♂ 112410-23-8
34014-18-1 ♂ 149979-41-9 5902-51-2 ◘ 148-79-8 ♂ 111988-49-9
♂ 153719-23-4 ♂ 117718-60-2
23564-05-8
82097-50-5
55335-06-3 ♂ 126535-15-7 ♂ 131983-72-7 ◘ 81-81-2 • 57-41-0
28981-97-7 ♂ 147536-97-8
64118-84-9
42399-41-7 • 56-29-1
15687-27-1 • 50-49-7
37350-58-6
59467-70-8
55985-32-5
99614-02-5 • 64-77-7 ◘ 741-58-2 ◘ 101-21-3 ♂ 153233-91-1 ♂ 114369-43-6
♂ 156052-68-5
25057-89-0 ♂ 100784-20-1 ♂ 112281-77-3
15972-60-8 • 60-80-0 2675-77-6 1194-65-6
87674-68-8 ◘ 131-11-3
83657-18-5
26225-79-6
13194-48-4 ♂ 129299-72-5 ♂ 150408-73-4 ♂ 142459-58-3 ♂ 103361-09-7

57837-19-1
51218-45-2 2212-67-1
42874-03-3 • 83-79-4
28434-00-6 2303-17-5 • 78-48-8
75530-68-6 • 62-44-2 2971-36-0 • 50-78-2
50594-66-6 • 79-06-1
33089-61-1 ◘ 101-05-3 1861-40-1
17804-35-2
83055-99-6 • 56-55-3 • 71-43-2
82657-04-3
69327-76-0
23184-66-9
33629-47-9 2008-41-5
10605-21-7
54593-83-8 2921-88-2 5598-13-0
87818-31-3
74115-24-5 ◘ 637-07-0 ◘ 120-32-1 • 56-72-4 1134-23-2 ♂ 121552-61-2
◘ 584-79-2
52918-63-5 ◘ 333-41-5 • 84-74-2 • 99-30-9
51338-27-3 ◘ 115-32-2 ◘ 117-81-7 ◘ 111-46-6 2764-72-9 ◘ 298-04-4
97886-45-8
14277-97-5 ◘ 115-29-7 ◘ 759-94-4
66230-04-4
55283-68-6 2593-15-9 ◘ 122-14-5
49562-28-9
66441-23-4 • 55-38-9 • 76-87-9 ♂ 120068-37-3
79241-46-6
62924-70-3
81406-37-3
13311-84-7 ◘ 446-72-0 5694-00-8 ◘ 303-45-7 ◘ 118-74-1 • 70-30-4
78587-05-0 ♂ 173584-44-6
36734-19-7 ♂ 141112-29-0

77501-63-4┘ 6080-56-4┘ • 58-89-9┘ ◘ 121-75-5┘ ♂ 208465-21-8┘ • 72-43-5┘ ◘ 298-00-0┘ ◘ 113-48-4┘
15299-99-7┘ • 54-11-5┘ 1929-82-4┘ ♂ 116714-46-6┘ ◘ 303-47-9┘
19666-30-9┘ ◘ 120-47-8┘ ◘ 311-45-5┘ • 56-38-2┘
40487-42-1┘ • 87-86-5┘
52645-53-1┘ • 85-01-8┘ 2310-17-0┘ 1918-02-1┘ • 51-03-6┘
29232-93-7┘ ◘ 151-50-8┘
29091-21-2┘ 1610-18-0┘ 7287-19-6┘ ◘ 709-98-8┘
94125-34-5┘ ♂ 175013-18-0┘ ◘ 129-00-0┘
96489-71-3┘ ♂ 124495-18-7┘ • 82-68-8┘
10453-86-8┘
13292-46-1┘ ♂ 119168-77-3┘
96182-53-5┘
79538-32-2┘ 7696-12-0┘
28249-77-6┘ ◘ 108-88-3┘
43121-43-3┘ 3380-34-5┘ 1582-09-8┘ ◘ 127-48-0┘ 1066-45-1┘
50471-44-8┘
50892-23-4┘ ◘ 625-45-6┘ • 94-75-7┘ • 94-82-6┘ 1007-28-9┘
30560-19-1┘ ♂ 135410-20-7┘ ◘ 314-40-9┘ ◘ 101-10-0┘ ◘ 486-56-6┘
43222-48-6┘ ♂ 173159-57-4┘
98886-44-3┘ ♂ 104098-48-8┘ • 94-74-6┘
23135-22-0┘ 6153-64-6┘ • 50-06-6┘
84087-01-4┘ ♂ 101193-40-2┘ ♂ 122931-48-0┘
55219-65-3┘ ♂ 199119-58-9┘ • 99-66-1┘
59865-13-3┘ ◘ 110-13-4┘ • 56-53-1┘ ◘ 302-79-4┘ 4376-20-9┼ 0┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ Y┘ ┘ ┘
┘ Y┘ ┼ 0┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘



Y┘ Y┘ Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┼ 0┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘
Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ Y┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ Y┘ ┘ ♬ 0@båp£×
=@pÜQë… ¸@lj \(õÃ@l‰G®¶ zá@us\(õÂ @i'\(õÂ @r<záG®¶ @qË×à&Eå@|/© ³ún@t³33333@s¶ff
fff@p← … ¸Qì@r“
=p£×@s›×
=p¤@p┐ ¶ záG®@hèQë… ¸@uË×
=p¤@kˆ@uœ@{˜ÌÌÌÌÍ@p´@eF¸Që… @‹HÌÌÌÌÍ@gÈQë… ¸@jö¶ záG®@sÕ ¸Që…@y6fffff@kç\(õÂ @rÅ
Â \(ö@qN¸Që… @a@@hF¶ záG®@mi™™™™š@k´ÌÌÌÌÍ@möfffff@o5Â \(ö@n┬ fffff@q!Â \(ö@dÆ¶ z
áG®@dH£×
=q@r┘ £×
=q@k¡G®¶ zá@mb=p£×
@yc… ¸Qì@m¦¶ záG®@gèõÂ \)@ydQë… ¸@l¨@x=ë… ¸R@e'\(õÂ @m#33333@y¦ \(õÃ@svfffff@r
õÂ \(ö@rã33333@rÕ™™™™š@}◄ ™™™™š@o– ¶ záG®@tT£×
=q@m– ¸Që… @|-p£×
=@oàõÂ \)@t5 ¸Që…@nö¶ záG®@s£… ¸Qì@oŠ=p£×
@lª=p£×
@s┴ p£×
=@pTzáG®¶ @sup£×

=@r⊥ p£×
=@oõp£×
=@€‰ë… ¸R@tÆffffff@€›… ¸Qì@o#33333@u5 ¸Që…@rå ¸Që…@w• ®¶ záH@jÉG®¶ zá@wÕë… ¸R@kÇ®¶ záH@r

záG®¶ @rú¸Që… @u¥Â \(ö@yf¸Që… @r\ÌÌÌÌÍ@~5ë… ¸R@yá ¸Që…@▯ B¶ záG®@aEp£×
=@mÉG®¶ zá@wŠ¸Që… @l┘ !ÿ.Hé@l¶¸Që… @q”õÂ \)@j(@k'\(õÂ @t┬ ¶ záG®@tw×
=p¤@i5 ¸Që…@r—×
=p¤@x3
=p£×@v• ®¶ záH@l‰ë… ¸R@u]p£×
=@k┴ p£×
=@i(@o—
=p£×@r;\(õÂ @xÆ¶ záG®@uf=p£×
@y G®¶ zá@p• … ¸Qì@~ÆáG®¶ {@sÝ ¸Që…@sEG®¶ zá@oˆ£×
=q@sLQë… ¸@ <áG®¶ {@s,fffff@yèQë… ¸@mˆ£×
=q@iÈõÂ \)@q† \(õÃ@pµÂ \(ö@t\Që… ¸@}øzáG®¶ @rUÂ \(ö@på™™™™š@xØ(õÂ \@jµp£×
=@vv¸Që… @u
G®¶ zá@u
fffff@n◘ õÂ \)@{,õÂ \)@wBfffff@pÜQë… ¸@tôzáG®¶ @iáë… ¸R@e€Që… ¸@q<ÌÌÌÌÍ@hF¶ záG®@t
Q33333@qå™™™™š@nJ \(õÃ@rUÎàm“ @{g?ß~€9@vµG®¶ zá@v%p£×
=@qup£×
=@q¼ÌÌÌÌÍ@gi™™™™š@v›\(õÂ @x¦áG®¶ {@ræ¸Që… @s
\(õÃ@s¨@x┴ ë… ¸R@fg
=p£×@sÙ™™™™š@f… ¸Që…@vš \(õÃ@QÅ ¸Që…@rV¸Që… @q8záG®¶ @tô£×
=q@r% ¸Që…@y¦fffff@l‰™™™™š@S‡
=p£×@zn¶ záG®@s┤
=p£×@s}Â \(ö@rup£×
=@k+×
=p¤@gæ¶ záG®@u@uép£×
=@t(záG®¶ @q& \(õÃ@ròfffff@nVfffff@kUÂ \(ö@v¬Që… ¸@jë… ¸Qì@l)™™™™š@ræ¸Që… @▯ “\
(õÂ @s│ ™™™™š@qe™™™™š@ià£×
=q@uS
=p£×@w'×
=p¤@xi ¸Që…@Z‡®¶ záH@q&fffff@q&=p£×
@y┬ ▯ \(õÃ@ynáG®¶ {@yn¸Që… @gª=p£×
@z> \(õÃ@tÔQë… ¸@nðõÂ \)@qS®¶ záH@v p£×
=@vœzáG®¶ @qe ¸Që…@vð£×
=q@{Rfffff@wõë… ¸R@z[×
=p¤@vô@qC… ¸Qì@pã×
=p¤▯ ð• ¢▯ ð• ¢@qÌzáG®¶ ð• ¢@v♬ ¶ záG®@€~¸Që… @t¢¸Që… @vu ¸Që…@|ÜzáG®¶ ð• ¢@r-
G®¶ zá@t¥™™™™š@▯ x@uš \(õÃ@ps\(õÂ @q6=p£×
@põÂ \(ö@dG®¶ záH@lÝ ¸Që…@~Ë\(õÂ ▯ ð• ¢@u“®¶ záH@dÅÂ \(ö@q333333@r4(õÂ \@q”õÂ \
)@p¥p£×
=@xtÌÌÌÌÍ@fG®¶ záH@vüÌÌÌÌÍ@n.±Ä2ÊX@u'33333@s┴ G®¶ zá▯ ð• ¢@uäÌÌÌÌÍ@l)™™™™š@n+… ¸Qì@k
B \(õÃ@z6¶ záG®@x=G®¶ zá@iHQë… ¸@vÏ
=p£×@sB=p£×
@rup£×
=@u'33333@‰·®¶ záH@tÝÂ \(ö@såë… ¸R@z+×
=p¤@t¶¸Që… @p záG®¶ @W◘ õÂ \)@r\(õÂ \@r↑ ÌÌÌÌÍ@tô£×
=q▯ ð• ¢▯ ð• ¢@qáë… ¸R@t<ÌÌÌÌÍ@V… ¸Që…@k¡G®¶ zá@o#33333@e³… ¸Qì@få ¸Që…@kÕÂ \(ö
@pQë… ¸R@i‼ ×
=p¤@f•
=p£×@u çl‹C–@|G
=p£×@qµp£×
=@q4õÂ \)@i‼ ×
=p¤@khQë… ¸@|Ç
=p£×@m• … ¸Qì@nAë… ¸R@uÅ"Ðå`B@z÷
=p£×@r|Që… ¸@|µG®¶ zá@dÆfffff@’Êp£×
=@\ˆõÂ \)@pÅ™™™™š@rÇ
=p£×@qep£×
=┼ 0┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI

Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
Chemspider┘
Chemspider┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘
Chemspider┘
Chemspider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ └ TNO┘ └ TNO┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ ┘
┘ EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘

EPI Suite┘ EPI Suite┘ EPI Suite┘ ┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ ┘ ┘ EPI Suite┘
ChemSpider┘ └TNO┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ ┘ ACCC┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ └TNO┘ └TNO┘ └TNO┘ └TNO┘ └TNO┘
└TNO♬ 0?Ýp£×
=q@◘ =p£×
=@• ×
=p£×@
\(õÂ @┼ @┐ áG®¶ zá@• 333333@• Oß;dZ @ ÌÌÌÌÍ@

ìîîîîí@
™™™™™š?ëdZ ¬◘1@♬▯ \(õÂ @♬▯ \(õÂ @♂p£×
=q@– ¸Që… ¸?ã333333?üQë… ¸R?öffffff@↑p£×
=q?©™™™™™š@◘¸Që… ¸@◀▯ \(õÂ ?ò¶záG®¶@┘ áG®¶zá@– @┘ ?û333333@┼▯ \(õÂ @♂ ¸Që
… ?×
=p£×
¿±ë… ¸Qì@ ¸Që… ?èQë… ¸R@┘ ?äzáG®¶{@ Â \(õÃ?ýp£×
=q?î¸Që… ¸?öffffff@ \(õÂ @ ®¶záG®@♂p£×
=q@

¶ záG®¶ @ p£×
=q@◀ 333333?èõÂ \(ö@│ p£×
=q@

@│ p£×
=q?ùp£×
=q@♂ ™™™™™š@ ×
=p£×@
Â \(õÃ@◀333333@

záG®¶{@┼ záG®¶{?ø@└\(õÂ \@?ò¸Që… ¸@
™™™™™š@
™™™™™š@☼ 333333?ý™™™™™š@┘▯\(õÂ ?ç\(õÂ \?Ì(õÂ \)?ýÂ \(õÃ@┘ ÌÌÌÌÍ?â=p£×
=?ýG®¶ záH@☼… ¸Që…@◀ ffffff@ ™™™™™š?÷×
=p£×@ ™™™™™š@
™™™™™š?û333333@ ™™™™™š@─ ¸Që… ¸@• … ¸Që…@┐ ffffff@
×
=p£×?ñ™™™™™š@
™™™™™š@• ™™™™™š@├ 333333@├ ¸Që… ?ò \(õÂ ?û333333@┼ ffffff?ñë… ¸Qì@•
p£×
=q@♬▯\(õÂ ?øQë… ¸R¿Ç
=p£×
@┬ 333333@◀… ¸Që…@ p£×
=q@┬
=p£×
@│ 333333@◀?ü£×
=p¤@
?þ=p£×
=@└Â \(õÃ@┐ £×
=p¤?é™™™™™š@☼ ¸Që… ?öffffff?ñ™™™™™š@┘ =p£×
=@

záG®¶{@
Që… ¸R@

¶ záG®¶ @ 333333@┐ õÂ \(ö@‼ Â \(õÄ@☼ ®¶ záG®@│ ×
=p£×?ô@♬ ¸Që… ¸@◀ ¸Që… ?ü(õÂ \)@
£×
=p¦@

záG®¶}@┐ ììììíí@┐ ffffff@┼ ììììíí@

¶ záG®¶ @ ×
=p£×@ ×
=p£×@◀ ffffff@┐ ¸Që… ¸¿”záG®¶ {@

záG®¶{@

(õÂ \)@⊥(õÂ \)@♂… ¸Që…@│ë… ¸Qì@ 333333?ù™™™™™š@◄Y┬‡+┐

@| ™ ™ ™ ™ ™š@

¸Që… ¸@☼ ™™™™™š@
=p£×
@ ™™™™™š@┘ ffffff?úffffff@
=p£×
@ ®¶záG®@↨ ë… ¸Qì@┼ ffffff@‼ ¸Që… @↨ ffffff@┬ ÌÌÌÌÌÍ@ ë… ¸Qì?ö \(õÂ @↨ 333333?ó
=p£×
@
™™™™™š¿åp£×
=q@┬ @☼
=p£×
@┴ (õÂ \)@õÂ \(ö@ p£×
=q@┤
=p£×
@
=p£×
@ LÌÌÌÌÍ@◄ 333333@↨ @‼ ¸Që… ¸@┼ ™™™™™š?øQë… ¸R@↨ \(õÂ \@‼ ×
=p£×@◄ =p£×
=@↨ záG®¶{@◘ ÌÌÌÌÌÍ@

õÂ \(ö@┼ ¸Që… ¸@┼ … ¸Që…@☼
=p£×
@┼ @‼ ¸Që… @↑ ÌÌÌÌÌÍ@♬ záG®¶ {@↕ @– ffffff@↕ záG®¶ {@¶ ¶ záG®¶ @ ffffff¿÷… ¸Që…@┼ ¶ záG
®¶ @┼ ¶ záG®¶ @‼ @ @♬ £×
=p¤@ ®¶ záG®@↑ ÌÌÌÌÌÍ@¶ p£×
=q@
õÂ \(ö@
ffffff@¶ Â \(õÃ@↕ Që… ¸R@┼ \(õÂ \@

=p£×
=@┼ @↕ @┴ ÌÌÌÌÌÍ@↕ ¸Që… @
ÌÌÌÌÌÍ@─ ¸Që… ¸▯ ð• ¢▯ ð• ¢@┬ ë… ¸Qì▯ ð• ¢@┬ G®¶ záH@¶ ×
=p£×@◘ @┐ ▯ \(õÂ @‼ =p£×
=▯ ð• ¢@
Â \(õÃ@┐ áG®¶ zá?é™™™™™š@¶ Që… ¸R@─ áG®¶ zá@
™™™™™š@
áG®¶ zá?ò¸Që… ¸@♂ G®¶ záH@┴ ¶ záG®¶ ð• ¢@‼ 333333@└ Â \(õÃ?ÿ®¶ záG®@♬ £×
=p¤@¶ ¸Që… ¸@¶ záG®¶ {@→ @◀ ×
=p£×@◀ … ¸Që…▯ ð• ¢@‼ @┼ ÌÌÌÌÌÍ▯ ð• ¢@┼ ffffff@• ë… ¸Qì@

¶ záG®¶ @◘ ▯ \(õÂ @

záG®¶{@┴ ÌÌÌÌÌÍ@‼ … ¸Që…@├ záG®¶{@↨ £×
=p¤@↨ ▯ \(õÂ @↑ ▯ \(õÃ @┼ õÂ \(ö@↨ p£×
=q@┼ Â \(õÃ@→ @↨ ë… ¸Qì@♂ 333333@│ ×
=p£×@─ (õÂ \)@‼
=p£×
@┴ \(õÂ \▯ ð• ¢▯ ð• ¢@◘ ÌÌÌÌÌÍ@◘ õÂ \(ö¿ß\(õÂ \@─ záG®¶{@

=p£×
=?òffffff¿ë333333@┘ ffffff@áG®¶ zá@└ ¸Që… ?±ë… ¸Qì?ê~ùÛ"Ðå¿ê=p£×
=?úáG®¶ zá?÷®¶ záG®@
¿Þ¶ záG®¶ ¿ìÌÌÌÌÌÍ?÷… ¸Që…@• Â \(õÃ▯ ð• ¢?Ò \(õÂ @• 333333¿Íp£×
=q@│ Â \(õÃ@• \(õÂ \¿ÑG®¶ záH@¶ G®└ ™◘ ¸@├ 332ù9Ÿ@↨ ¨õÂxÇ÷┼ 0┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘
Chemspider┘ ◀Jones et al. 2002┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ └TNO┘ └TNO┘ └TNO┘
└TNO┘ └TNO┘ └TNO┘ └TNO┘ └TNO┘ └TNO┘
└TNO┘ └TNO┘ └TNO┘ └TNO┘ └TNO┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ Epi Suite┘ Epi
Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ └TNO┘ └TNO┘ EPI Suite┘
◀Jones et al. 2002┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI

Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ ┘
┘ EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ ┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ ┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ ┘ ┘ EPI Suite┘ EPI
Suite┘ └TNO┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI Suite┘
EPI Suite┘
ChemSpider┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ EPI
Suite┘ EPI Suite┘ EPI Suite┘ ♂Schmitt2008┘ EPI Suite┘
┘ EPI Suite┘ EPI Suite┘ EPI Suite┘ └TNO┘
└TNO┘ └TNO┘ └TNO┘ └TNO┘
└TNO♬ 0@#¸Që… ¸@┼ @◄šŸ¾vÈ´@ ŽV┘ ↑ “u?Òñ©ûçl‹@'ÍÒñ©ûçÀ 7KÆ§ïž@♂ 333333@
│ ™™™™™š?ø@┘ @ V‡+┐

J@ Ïß;dZ À└§ï ²-
♬@'e`A‰7L@‼ l‹C•• – ¿ì↑ “t¼j⅟ @└→Ÿ¾vÈ´@│S÷ÎÙ┬‡@├\(õÂ \@#ë… ¸Qì@#£×
=p¤@&l°^5?}À● ™™™™™š?é?|í‘hs¿Û"Ðå`A‰?ã•• – $Ý/@'ÍÒñ©ûç?äƒ↕n— P@┴
=p£×
@├333333@,@" Oß;dZ¿pbMÒñ©ü?àQë… ¸RÀ Ÿ¾vÈ´9?ÈÔýó¶E¢@☼ß;dZ ¬@‼ Ø┼bMÒò@◄#×
=p¤@£×
=p¤@└ÊÀƒ↕n˜@● ÷ÎÙ┬‡+?æ-♬V┘↑“¿ûhr° Äœ¿õp£×
=qÀ dZ ¬◘1À└záG®¶{À│=p£×
=?ç+┐

|º^?ô£×
=p¤?ðýó¶E¡ËÀ┐ G®¶ záH¿þ1&éxÔþ@ C•• – $Ý@&áÊÀƒ↨ o?ú‹C•• – %@'wÎÙ┬ ‡+?øvÈ´9X┼ ?óC•• – $Ý
¿ó×
=p£×?£t¼j~ùÛ@&Þ¸Që… ?Ó333333À =p£×
=@• ¿ôƒ↨ n— P¿ò↑ "t¼j‼ ¿î-♬ V┘ ↑ "À│ xÔýó¶F¿ã¥ãS÷ÎÙ?ô┤ bMÒñª?Íó¶E¡ÊÁ¿ýxÔýó¶F@ ×
=p£×@┐ n— Oß;@┴ ° Ä›¥ã¿ó¾vÈ´9X¿ù… ¸Që…@┤ o ²-♬ V?Ð┤ bMÒñª@♂ ▪ – $Ý/← À ©ûçl‹D?Í²-
♬ V┘ ├ @"¶È´9X┼ ?Ô◘ 1&éxÕÀ – $Ý/→ À│ ÎÙ┬ ‡+┐ ¿ðƒ↨ n— PÀ
ffffffÀ└ "Ðå`A‰@♂ KÆ§ï ²@┬┘ ↑ "t¼j@%c×
=p¤?é?|í'hs@+W
=p£×@'ÍÒñ©ûç?øõÂ \(ö@◘ ‡+┐

lºÀ┘ Që… ¸R?é?|í‘hs@ »çk‹C–À– ~ùÛ"Ðå¿ù… ¸Që…¿ü┘ ↑ “t¼j@├ "ï ²-♬ ¿æÈ´9X┼ bÀ┐ ?|í‘hs?ð§ï ²-♬À ¸Që… ¸@├┐

l°^5À┘ ÷ÎÙ┬ ‡+?Ð┼ bMÒñª@─ A‰7KÆ¨À• ÀÝ/→ Ÿ¾w@¶ @├ ×
=p£×?ö¸Që… ¸@┤ 333333@♬¶záG®¶ @ \(õÂ \@ Ñë… ¸R@‼ ffffff@"ffffff@#W
=p£×@┬ ®¶záG®@┴ ®¶záG®@ \(õÂ \@◀Që… ¸R@%—
=p£×@#Ÿ¾vÈ´9@¶♂C•• ─ %À ¥ãS÷ÎÙ@'↑┼bMÒò@→ ì‹C•• ─ ?ï;dZ ¬◘À S÷ÎÙ┬ ‡▯ ð• ¢▯ ð• ¢▯ ð• ¢▯
ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢@ Ä›¥ãT@

?üzáG®¶ {▯ ð• ¢?Æffffff¿ÛdZ ¬◘ 1▯ ð• ¢@│ ¶ záG®¶ ?üå`A‰7L▯ ð• ¢▯ ð• ¢▯ ð• ¢?äA‰7KÆ¨▯ ð• ¢@(
‰7KÆ¨À– áG®¶ zá▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@"·ÎÙ┬ ‡+À│ -♬ V┘ ↑ "▯ ð• ¢@‼ §ï ²-
♬ ð• ¢▯ ð• ¢@£×
=p¤▯ ð• ¢¿øzáG®¶ {▯ ð• ¢@#TÿÓ¶E¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@*ŽÙ┬ ‡+┐ ð• ¢▯
ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢?ôV┘ ↑ "t¼?âñ©ûçk▯ ð• ¢?Øƒ↓ n—
P▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@└ ‹C•• – %¿Ä›¥ãS÷Ï@ Æ§ï ²-
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢À│ Ý/→ Ÿ¾w▯ ð• ¢▯ ð• ¢▯ ð• ¢¿ýp£×
=q@ 333333À└ MÒñ©ûç?Ç+┐

I°^ ð• ¢À ÌÌÌÌÌÍ ð• ¢ ð• ¢ ð• ¢@(ª~ùÛ"Ñ ð• ¢ ð• ¢ ð• ¢¿ôÌÌÌÌÌÍÀ¬ ë… ¸Qì ð• ¢@◀ ›¥ãS÷ï ð• ¢@&
%ãS÷ÎÙ?ú‹C•• – %@↕ yÛ"Ðå`À¬ ¶ záG®¶ ?Ð┼ bMÒñª¿ýt¼j~ùÛ ð• ¢¿÷↕ n—
Oß¿Å?|í'hs ð• ¢ ð• ¢ ð• ¢À KÆ§ï ²?üj~ùÛ"Ñ ð• ¢ ð• ¢ ð• ¢ ð• ¢À¬ Oß;dZ @← cS÷ÎÙ┤ ð• ¢
 ð• ¢ ð• ¢ ð• ¢ ð• ¢@

\(õÂ @• ÷ÎÙ┬ ‡+@↨
=p£×
?×ï ²-♬ V@,ÍOß;dZ?ó─ $Ý/→ ¿÷ß;dZ ¬@◘ Â \(õÃ@ 333333¿ü¼j~ùÛ#À▯ ð• ¢¿å&éxÔýô@
Z ¬◘ 1'@#\¬◘ 1&é@
Ä›¥ãSø@ ffffff?â§ï ²-♬ ð• ¢¿û↨ n— OßÀ ▪ ─ $Ý/← ¿ç┐

l°^5@↨ =p£×
=▯ ð• ¢▯ ð• ¢▯ ð• ¢@├ ™™™™™š@
õÂ \(ö┼ 0┘
Chemical Book┘ ● ChemNet┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ └ NTP┘ ◀ Jones et al. 2002┘ ┘ EpiK┘ ◘ LookChem┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘
Chemical Book┘ ◘ ChemAxon┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
Wikipedia┘ ♬ Sigma-Aldritch┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ♬ Guidechem MSDS┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EFSA┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ └ NTP┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ EpiK┘ ◀ Jones et al. 2002┘ ┘ EpiK┘ ┘
┘ EpiK┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘
┘ EpiK┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ ┘
┘ EpiK┘ ┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘ ┘
┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ EpiK┘ ♂ Schmitt2008┘
┘ EpiK┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ EpiK┘
┘ ┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘ ┘ EpiK┘ ┘ EpiK┘
┘ ┘ ┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ ┘ ┘ ┘
┘ └ TNO┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ♂ Schmitt2008┘ ┘ EpiK┘
┘ EpiK┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
♂ Schmitt2008┘ ┘ EpiK┘ ┘ ┘ EpiK┘ ┘ EpiK┘ ┘ EpiK┘
└ TNO┘ ┘ ┘ └ TNO┘ └ TNO┘ └ TNO♬ 0?èÌˆÌˆÌ @U-
«Ò ý@?ƒ°┤↨ –0@3K↑ T'Õ@1H3├\óK@;F♂ ñz×

?ø›']=¦\?õz…z…z,@7yÛyÛyÛ@♬ Mí91, @3ëÅ”õ→ @+nq
YJl?ðd³kÛMø@3‡ ¨õ,#@└ ™Wì o @Eñµ¸‰ ö@☼ á┤ I.„Ç@‼ ®d80?…@,~‡]Vó,@5ÚÏÜÏÚÐ@
šešešf@ ûáb[¶ @¶ ö!— åË?çÜLWØ•>@↑ ÖfNÏî$@@Q(˜e◄'@@2mÕCä†@5©J—
¨Ózˇ@D“J${àK@ w◄▯ °çŒ?ÉJ ô<'y?öffffff@8h©?Ô×2?ýñ9◄ n'Z@◘ M¾‹§¤°@%tDjaL @
C û│ Î?Õ‡„└→ eÔ?ø‼ °Èúk}@(Ö=êÇ3±@AO²p£ Ç?ä¾ñÕšÑ¨@ ×♬]™kÕ@♂ ‰· ↨ D%?þ0SÛ
Ú◄ @♬ _¼Ïÿ‡4@85Û¶l¨–@
t‰6íIf@┤ áC¶
♬ m@P$¿¶ ÈŽû@(N=ƒ▯ àU?ñB• R¯¥J@1¼‹ ┐ y-@O♬ = • ™Ý@A¢%
ý”@7↑ ïïÖšÑ@8Â• ¼í1@B† ▪ ◘ (C@ └ 1†q┘
@$ ¨→ &È@0X^{a}¯@ŸØ?ü©¥x│ [p@,U │ ÊD\@:Þ2 :éI@08TÄR▯ Õ@├ r ã ÝV@)
€0<• î?Ïy↨ >à^{a}>?ØË^├ ³&Ö@└ ¨Û/2”õ@┐ Î└ ÿ
¤³@– uš↨ C :@┬ Ã…)A 9@┼ pþU~J¾@K€@@†ì5]Yø?Ö^{a}ËýçCh@☼ c[Ð¥
Z@02§€·öQ?ñ◄ —àÄ▯ 3@┐ ŒzD>É>?çŒ4ŸL”Œ@0f ²†O @&-¸ Ð ¢@44
m¼ñã@◘ ÚûÈbÚÁ@ ?»òn?øâ>ß—
]]?úOÓq_Fj@1äöi~HÛ@6ˆ¸µ↨ Æ×@0fFE^®â@┤ B… ½7Œ@-5\1Y>`@0>¥´ è:@← ˜È7"◄ ^@!8Û-
@]œ@0Ý æ• ÜB@'¾„?¶ gì@├ Mâ¢™ïë@
ÕOß2ÍT@┬ Û-ƒu.Å@6f…└ © ¤@└ !← 'W°ì@
Ë?½ È3@┐ ,
└ $ é@┤ Zí♂ umÚ@┘ –•FÎ›„?ã‘jHü¦¸@D¿÷€'Ž¦@└ ¿âêŠ;Ç@-
&ó'ß@B?÷â♂ ← x<¹@,îç`Kð├ @↑ xR▯ m ;? å`A‰7L?b/-lµ5 ?`8\gßã*@└ 333333?{◘ š┐ u%F@.@3ÌÌÌÌÌÍ?û×
=p£×?®i-BÃÉï@│ ¸Që… ?r/-lµ5 @y ?{◘ š┐ u%F?├ *sq┤ äT@oI³„Oa @EéÅá
ÇY@2{¥³„♬ o@&b=%ÐI.@┤ ¾← Þš»▯ ð• ¢▯ ð• ¢▯ ð• ¢@Os▯ F{#@?é™™™™™š@├ <R|hu#@ $ÿ◄ v'-
@3ëÅ”õ→ @6BanÚÔ!@┘ ² £
┬ ë@1¤·,Q—¢@4òÅÆsAk@┘ wˆwˆw‰@ ãqãqãp@<þê→☼ ²@ ¬ ?áAy?ùGF=Ú‰¬@A¯÷Yþ¤
@'4¹ãæï¹@ ,']æ☼ >@4ì‡‰Ú²e@)ô½ÿÕbÈ@6ˆ¸µ↨ Æ×@_E‡c60>@ à?s+Uï Ýì@a┤ • «û›í▯ ð• ¢?üI%-
zÑF▯ ð• ¢@3MEd88×@6▯ @Ï¨õ,@1VAÑ±Ž┐ @LWÊØ€à☼ @$,¦p┬ ¾]▯ ð• ¢▯ ð• ¢@→ ú0¥íÃp@2xJÏr^[@Y3
sÂ┘ ← î@?ZÍ5Rr>@JA<üŠª“▯ ð• ¢▯ ð• ¢▯ ð• ¢@)£¾üT¤È@<+{ýýFg@└ ¼◄ 1‰B'▯ ð• ¢@¶
ÊK›½@;â6ñ-Õ%@A=³ïÜ← t@Bã
\›R¦@┘ ´l¹KT ▯ ð• ¢@J'(AýüE▯ ð• ¢@◄ ¼qï¨ç7@├ ËP ¶?Ë@‼ ®¹ÉîS¹▯ ð• ¢▯ ð• ¢@M┐ ┬ D☼ #‰@*▯ v
Mpv▯ ð• ¢@‼ ïyÃK^{a}ß@T┤ i·~²@‼ ï…l‰‼ ˜@◘ 4Æý^{a}æ @_¿¥ÑJàÏ@$♂ ƒ• 0öÃ▯ ð• ¢@KvÙÏ¿›a@UÌÃ?$
®
@ þ”í a¨?õàÑÑª“M@mMz-æW¸@(fî• …┘ Œ@#Ô¦│├ ð±▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@[œ-Í-
DÝ@?\I·ŽL4@'h¯0Ú“_@4jÜ©œ*^{a}?ô|$◘ ë-
,▯ ð• ¢@*z¹A)Àï@UÞ¿Ov4æ@└ ÎýŠÒ"ï@eL-â%úf@,b4|9^{a3}@`Êu³ô«ç@.Ltp¶ e↨ ð• ¢@BjéEhêÐ@– ûµ²e
(µ▯ ð• ¢@,
ú▯ ~Ù▯ ð• ¢▯ ð• ¢@→ š┬ àh¬┤ @ ÛuÄõŠS▯ ð• ¢@G→ Û õ
´▯ ð• ¢@L┐ Å
°ú‰@◘ Þ§– ‼ ÀQ@SY=SG¦@M┐ ┬ D☼ #‰▯ ð• ¢@ Ü¸¾o^T@,6zËx8÷@Aãý>Y¬ð@Cróq┤ äT@$½
ì°@J÷\r♬ Ð˜▯ ð• ¢@O÷R#xÖ▯ ð• ¢@5Ñã‡ú4å@X½3├ \óK▯ ð• ¢@/ß• ›^{a}ÀÞ@6¤7Î£f¢@8Ïù§¡D3@BÍK?Y
– W@2F¿[u← ¶▯ ð• ¢@--A›ø×€@]µ;>,E
@!ø♂ mÏïË▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð
• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢?2'IðäÚ
▯ ð• ¢▯ ð• ¢?œ(õÂ \)?)*sq┤ äT▯ ð• ¢┤ 0┘ ¶ Naritomi et al. 2003┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ◘ Ito 2004┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘

♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
◘ Ito 2004┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ↨ Lit/Wemtore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
◘ Ito 2004┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
└ TNO┘ └ TNO┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et
al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ┘ ┘ ┘
┘ ┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘
♬ Wetmore et al.┘ ┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘
♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ┘
┘ ┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘
┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et
al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ┘ ♬ Wetmore et
al.┘ ┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ ♬ Wetmore et al.┘ └ TNO┘
┘ ┘ └ TNO┘ └ TNO┘ ♬ 0?éG®¶ záH?ÁFÉ*• O³?p/©CU±±?Ðt
Nàd? d1_¸ Ê?æ&àÕ ê%?»ÊTó[b\? bMÒñ©ü?Ì(õÂ \)?¢Ë¶é┤ ÷ý?Í³½ì»&K?ìT}‰mKã?žDU# sœ?°½fm]
Ø>?±K^œ•Àó?'"_Æ^²l? Ê§úÀ}n?• ♬ G…27☼ ?q┬ _Þ0UÄ?á‰7KÆ§ð?¹┬ ‡+┐

J?¥┘ Î┐ c>Å?± EÈ–xY?ÞÇZ♂ L•1?¹°Ì4▯ O>?ËYÖF'å{?¨cƒX↑ û1?É:´˜"¬┬ ?êÀ·Ýè…D?à±×½,÷?ìü"þËŸž?ð?
Æg \l`ó?ÛYMtä¼å?Æ0¡-É‼ 7?àé•ò #¬?Ô1,'‰^š?ï}

↨ nÔ ?íípÞxBÓ?ì†'}┬ ÏŠ?ÒÕÛ← Ã‡j?Ç┼ A°4Óú? wàeTSc?zŠt±5õü?é¢!yô▯ c?ÖÆÕ
ëå–?qmÍÿÅu┴ ?îà›← ¸ñ¨?¸"{dÊo×?o¾Šê8 ☼?ÊÛ¨↨ àÓè? Åà▯ ƒ`?˜ò]J›&*?ž½Å
pMU?-H¸¬├ ×?u│ "ÿ6áï?qØCCf¼¸?mYÙTSô↨ ?'®b$o !?Ð'↨ µÆ!a?¢ˆùÈ×pÓ?·‰q"┘ b²?"Ee¤XÈp?§pÏ8
¿ô?¤ýêý]6ª?ã ‹{äñå?Ò0`ö¥Ý?Ý← ×AÞ

6?íŠ8äE»N?Ã\í_M{µ?Ò‡Püªôü?äü¼↑ áò– ?{]C~YYY?£íd`ÅºÒ?¯¾vÈ´9X?ºéVß´$`?Ö´lÐÑ#Ú?Ñ.×»É³^?¯T
ÊŒÈœ—?ã
,¶ã◘ Ì?¶└ ¼c†b(?Ê–B‼ iŸÈ?µ“ØP¼U·?Ç +‡ÛŸo?s«—ÓÛ/í?¯&; ┼rÙ?Ã®¤R÷pù?„©—+!n¼?s’÷ì♂ œB?s}-
(cÜ?Òì÷Wph…?Äè6„Ù-z?–è
ø7hC?êýÒrù▯ ÿ?¢± U`‰¸?–ƒ6ÚmËž?Ë¤7<K”<?ðd†´♫ð ?M¸s¶Á+
?¬┘ E$hðX?Ò5<`\·È?vO└ ├ì™▯ ?ïÉ%ëžDL?¡L9Å
?Ú³Ã9┬ ±♂ ?ØŠ+│ ª‹‼ ?ºVùl¼Bù?Á¯:DÄ☼ ‘?ÒHÛÏCÙ← ?êƒœ–_+Å?…æÙãÌ↑ °?ÛT‼ s(–”?—
™Îïb“W?–ç‘┴R %?Õ↨ 1#³3G?Á‘Ÿ ÙZE?|¬◘ 1&éy?É™™™™™š?Öffffff?”záG®¶{?‘hr°
Äœ?ÉX┼bMÒò?ã×
=p£×?„záG®¶{?»dZ ¬◘ 1?ð?±ë… ¸Qì?µ▪ – $Ý/← ?Ð?´záG®¶{?”nmï Û‼ ?ƒ`™jNÏR?™o$•–[U?Ã
øt┘ ▯ ú?ð?ây÷-Ñ y?¯ÛG=3û┼ ?Í ª½ì»&K?äþ5¡C›{?“ïf/Õ¶ž?ÀÍw6pkÓ?·ìçæ¿↑ O? bMÒñ©ü?tzáG
®¶{?Á˜³î-í7?œ¾Ò®¯¤ ?ç`ÀIb¶k?Æ³┤ ▯ {¾¢?¸Þw%n |?¿+†Æž↑ Ä?° SM
VO?Î^·lKò£?Äè6„Ù-z?±– •} ◘ ?ŠŸ¾vÈ´9?ð▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð•
¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢?¨-cí&
W?{!
◘ äŒ• ?Ý]µ : ?ëÉ¶à3°°?â„a ½‹Å?¼ò└┘ `C*?–ì,2$ã÷?ï
=p£×
?ë=-← óh┐ ?° =á…Y ?Ýo↨ ◘ ûÇ¡?á▯ -oÌQ• ?’g
jÍ–??é\É ‡:¿?×Æ)0²2Ï?èõÂ \(ö?œªou{5û?âáG®¶zá?ä┬ Ö©åuð?À→ „bÃ
Š?nÌÍ `û┐ ?×l‹C•▪ – ?¯¾vÈ´9X?íÂ \(õÃ?©™™™™™š?¹™™™™™š?Ã333333┼ 0┘ ¶Naritomi et al. 2003┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
¶Naritomi et al. 2003┘ ¶Naritomi et al. 2003┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ¶Naritomi et al. 2003┘
¶Naritomi et al. 2003┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ◘ Ito 2004┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘

‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ◘ Ito 2004┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ └ TNO┘ └ TNO┘
‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ┘ ┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ┘ ┘ ┘ ┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ┘ ┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et
al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
┘ ┘ ┘ ┘ ┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘

Schmitt 2008⌟ ‼ Wetmore et al. 2012⌟ ‼ Wetmore et al. 2012⌟ ‼ Wetmore et al. 2012⌟
‼ Wetmore et al. 2012⌟ ‼ Wetmore et al. 2012⌟ ‼ Wetmore et al. 2012⌟
‼ Wetmore et al. 2012⌟

Schmitt 2008┘ ‼ Wetmore et al. 2012┘ ¶ Naritomi et al. 2003┘ ‼ Wetmore et al. 2012┘
‼ Wetmore et al. 2012┘ ‼ Wetmore et al. 2012┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO

0€€┼ 0┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘

¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘

¶ Naritomi et al. 2003┘

♬ 0?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ð£×
=p¤?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?á‰7KÆ§ð?ì\(õÂ \ ð• ¢ ð• ¢ ð• ¢ ... ð• ¢?á™™™™™š?ìe]ë±ü/?èõÂ \(ö?æ§.
ñø↨ ?æ[5yË«ð?ì^õ{æJp?ì#,¹Ÿ J?á™™™™™š?ñ™™™™™š?ð?é™™™™™š?æ¸Që… ¸?ê \(
õÂ ?á™™™™™š ð• ¢ ð• ¢ ... ð• ¢?èõÂ \(ö?ã333333 ð• ¢ ... ð• ¢?åæÆ9&öë
?ð(õÂ \) ð• ¢ ð• ¢ ... ð• ¢?âáG®¶ zá ð• ¢ ð• ¢ ð• ¢?ç®¶ záG®?ô‡
+┐

lº?åñ‰▪ ☼ á>▯ ð• ¢?ð?ð┼ 0┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘ └ TNO┘
└ TNO┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al.
2003┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ └ TNO┘
└ TNO┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ └ TNO┘
└ TNO┘ └ TNO┘ ┘ └ TNO┘ └ TNO♬ 0@-µUUUUU@M£×
=p¤@E• ®¶ záH@┐ ›¥ãS÷Ï@(‼ t¼j~ú@-î— Oß;@┐ ~ùÛ"Ðå@Qø@…|?ù ¶ ã¼Ó[@¶┐

lº^5@&["Ðå`B@G8Që… ¸@TxQë… ¸?ûZ…‡“Ý˜@&Òñ©ûçm?ÿ.Hè§ ç@ "Ðå`A‰@4ž¸Që… @h*aaaa
«@• ÕUUUUV ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢@M, \(õÃ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@CJ=p£×♂ @│ï ²-
♬V ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@B¸Që… ¸ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@G¶ záG®¶ ð• ¢
 ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@‼ S÷ÎÙ┬ ‡ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@1ûçl‹C– ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@BÂ \(õÃ@8Ç®¶ záH@E#×
=p¤@☼┬ ‡+┐

J@D¡G®¶ zá?ÖÜ]cˆe•@#å`A‰7L?ª'£│ S&↑ @DÔzáG®¶ ð• ¢▯ ð• ¢@#¤Ý/→ Ÿ¾@YtzáG®¶ ð• ¢▯ ð• ¢
@L333333@E¡G®¶ zá@`‰UUUUU@GŠ[aaaa]«@DuÂ \(ö▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@`Ë… ¸Qì
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð•
¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@!ž¸Që… ▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð
• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@%uÂ \(ö▯ ð• ¢▯ ð• ¢▯ ð• ¢@1ƒ↨ n—
P▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯
ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@└ &éxÔýô▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@ ♬V┘ ↑ "u▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@KY™™™™š▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@X ¸Që… ▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð
• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@&âMÒñ©ü@ATzáG®¶ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@&À▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢┼ 0┘ ¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Naritomi et al. 2003┘
¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Naritomi et al. 2003┘
¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et
al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al.
Unpub┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et
al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al.
Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et
al. Unpub┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘ ┘ ┘
┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘
┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et
al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ♬ 0?ê=p£×
=?È▪ ←¼¥-Ü?ÇV8¾¼-
ö?æúÌZ=ÔÀ?§áÇé Ø$?Ø│ 6â5Oþ?¾"ëT(◘ $?Á‰7KÆ§ð?Ç Oß;dZ?œB‰?¥©æ?´J>])12?çó²™¯Á«?¨¹Ç
Np6?»rV8óâ›?·öŒ£Ï+ò?´I← Z„£Z?,ýD`Wâ┐ ?Å
◘ Úòšã?ƒ^ └ÕÙ\?N-èp—
AÑ?é&éxÔýô▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢?ßJki.¨–▯ ð• ¢▯ ð• ¢

 ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?êÛ þ

tg ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?gýõÏÄµ
¥ ð• ¢ ð• ¢ ð• ¢?èÈÎËÍLŒ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?€Âhk…åá? É™┬ î↨ Ù?x²„vÍ– F?ÒÀ↑ µW›y?«–%,┴ €†?¹;OE-
(ù?t|²‡€┘ p?¬½Â¼JjÏ?ã i÷Ð┤ Y ð• ¢ ð• ¢?µ,g»Ç8c?á0p?±ÀB ð• ¢ ð• ¢?Á¿=ËœlU?½3ÿU← ©^?ž¸Që
… ¸?„záG®¶{?É±~¿Ð÷h ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?s_┬ ñïÿ
S ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ËŠî¸“♬q ð• ¢ ð• ¢ ð• ¢?e>
#ÛÎøŠ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?¯×S£ø♬:‹ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢?Œ–ˆc€ij ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
‹ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢?žxÀ½ÓÉ ‹ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?‘ 0uã€Ó ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢? å`A‰7L?Ú4Ñm»÷‘‹ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢┼ 0┘

¶ Naritomi et al. 2003┘	• 84.7136┘	• 31.5146┘	• 19.2933┘	• 17.2820┘	
• 27.2736┘	– 1.5380┘	¶ Naritomi et al. 2003┘	¶ Naritomi et al. 2003┘	– 3.7881┘	
• 19.9210┘	• 13.7157┘	– 1.0246┘	• 19.5295┘	– 5.3997┘	• 43.8884┘
– 3.9849┘	– 4.9203┘	• 14.2471┘	¶ Naritomi et al. 2003┘	¶ Naritomi et al. 2003┘	
– 2.0771┘	– 5.2404┘	– 0.7456┘	– 6.2094┘	• 32.6341┘	• 32.3940┘
• 21.6613┘	• 41.1507┘	– 7.8663┘	– 0.1976┘	┘ #N/A┘	• 24.4088┘
– 1.8714┘	– 3.0380┘	• 10.7271┘	– 3.1580┘	– 0.3364┘	• -0.8988┘
• 12.4184┘	• 34.6226┘	– 0.6483┘	– 2.2300┘	– 3.4422┘	– 1.8868┘
– 3.7967┘	• 24.2104┘	– 3.6819┘	– 0.0000┘	• 64.5742┘	• 12.1528┘
– 1.0786┘	• 17.7365┘	• 62.1113┘	• 35.2668┘	• 23.0974┘	• 24.7601┘
• 37.0472┘	– 7.5207┘	• 10.0579┘	• 16.3464┘	– 1.7914┘	• 14.1662┘
• 26.8680┘	• 16.2200┘	– 6.3614┘	• 12.5635┘	• -2.5428┘	– 0.3874┘
– 2.4574┘	– 2.3506┘	– 2.8074┘	– 5.6909┘	– 4.1103┘	┘ #N/A┘
• 33.0541┘	– 0.3542┘	– 3.9235┘	• 16.1979┘	– 1.0668┘	– 2.3186┘
– 0.7359┘	• 16.3986┘	• 11.0893┘	• 20.2033┘	– 3.1069┘	– 7.1399┘
• -1.4497┘	– 1.6445┘	• -7.3594┘	• 17.8944┘	• 22.5341┘	• 16.3995┘
– 5.8150┘	• 14.6042┘	• 16.2447┘	– 6.8992┘	– 8.6110┘	• 16.8634┘
• 11.8721┘	– 6.3261┘	– 3.3527┘	– 5.7145┘	• 22.4005┘	– 5.2823┘
– 3.3492┘	– 2.2715┘	• -4.2333┘	– 2.5735┘	– 0.6115┘	• 41.4997┘
– 2.4687┘	• 14.5761┘	• -0.1292┘	• 14.4666┘	– 6.1175┘	┘ ┘
┘ ┘	┘ ┘	┘ ┘	┘ ┘	┘ ┘	┘ ┘
◘ 250.3032┘	• 43.8264┘	• 18.4830┘	• 11.1919┘	– 4.1857┘	◘ -12.2883┘
• -5.9953┘	◘ -13.2405┘	• 62.9023┘	┘ #N/A┘	– 6.3089┘	– 7.0361┘
• 19.9210┘	• 22.2593┘	– 2.5870┘	• 17.6434┘	• 20.9483┘	¶ Naritomi et al.

2003┘ ¶ Naritomi et al. 2003┘ • 28.9958┘ – 8.3362┘ – 1.5799┘ • 35.3747┘

• 11.6030┘	• -0.3219┘	• 20.9239┘	• -1.1632┘	• 22.5341┘	◘ 125.0864┘
┘ ┘	◘ 136.5009┘	┘ #N/A┘	– 1.7679┘	┘ #N/A┘	• 19.3018┘
• 22.4971┘	• 17.3369┘	• 56.6859┘	• 10.2552┘	┘ #N/A┘	┘ #N/A┘
– 6.7443┘	• 18.4699┘	◘ 100.8039┘	• 31.3547┘	• 52.5097┘	┘ #N/A┘
• -2.4307┘	┘ #N/A┘	• 12.8198┘	• 28.1699┘	– 5.4337┘	┘ #N/A┘
– 5.0010┘	• 27.8837┘	• 34.4821┘	• 37.7738┘	– 2.5880┘	┘ #N/A┘
• 52.3059┘	┘ #N/A┘	– 4.4340┘	– 6.4485┘	– 4.9206┘	┘ #N/A┘
┘ #N/A┘	┘ #N/A┘	• 58.0163┘	• 13.2489┘	┘ #N/A┘	– 4.9839┘
• 80.3595┘	– 4.9839┘	– 3.0258┘	◘ 126.9945┘	• 10.0225┘	┘ #N/A┘
• 54.9285┘	• 87.1994┘	– 7.7486┘	– 1.3674┘	◘ 234.4212┘	• -1.6988┘
– 9.9153┘	┘ #N/A┘	┘ #N/A┘	┘ #N/A┘	┘ #N/A┘	┘ #N/A┘
┘ #N/A┘	◘ 110.4403┘	• 31.3610┘	• 11.7045┘	• 20.4174┘	– 1.2803┘
┘ #N/A┘	• 13.2397┘	• 87.4804┘	– 5.4521┘	◘ 170.3962┘	• 14.1918┘
◘ 134.3269┘	• 15.1493┘	┘ #N/A┘	• 36.8352┘	– 2.8729┘	┘ #N/A┘
• 14.0214┘	┘ #N/A┘	┘ #N/A┘	– 6.6505┘	– 7.2143┘	┘ #N/A┘
• 46.2098┘	┘ #N/A┘	• 56.0216┘	– 3.1087┘	• 76.0054┘	• 58.0163┘
┘ #N/A┘	– 7.2155┘	• 14.1064┘	• 35.7812┘	• 38.8981┘	• 10.3694┘

• 53.9325┘ ┘ #N/A┘ • 63.9322┘ • -1.7140┘ • 21.8199┘ • 98.9562┘
┘ #N/A┘ • 15.9356┘ • 22.6415┘ • 24.8124┘ • 37.6039┘ • 18.2764┘
┘ #N/A┘ • 14.5884┘ ◘ 118.8317┘ – 8.9845┘ ┘ #N/A┘ ┘ #N/A┘
┘ #N/A┘ ┘ #N/A┘ ┘ • -7.3479┘ • -2.9349┘ • -0.4311┘ • -
4.4370┘ • -0.0081┘ • -2.8279┘ • -0.9443┘ ┘ #N/A┘ • -0.1210┘ • -
2.7049┘ • -6.3804┘ • -1.0378┘ • -1.0013┘ • -1.6661┘ • -4.2802┘
┘ #N/A┘ • -0.5344┘ ¶ Naritomi et al. 2003┘ • -1.6545┘ • -2.7496┘ • -
0.0841┘ ┘ ┘ ┘ ┘ ┘ ┼ 0┘ ┘ • 47.2104┘ – 2.6939┘
• 25.0375┘ – 5.8173┘ – 9.6124┘ – 1.5875┘ ┘ ┘ – 0.0288┘
• 14.3384┘ • 11.6074┘ • -3.2673┘ – 9.2460┘ – 1.4207┘ – 8.9220┘
• -0.6018┘ • -8.6644┘ – 8.6690┘ ┘ ┘ – 9.4356┘ – 3.6216┘
– 0.3636┘ – 0.4766┘ • 12.2981┘ • 14.2876┘ • 10.0244┘ – 5.6355┘
– 4.2829┘ – 0.5997┘ ┘ #N/A┘ – 8.7904┘ – 3.8752┘ – 2.6120┘
• 10.2263┘ – 6.3777┘ – 0.5336┘ – 1.5048┘ – 0.0000┘ • 80.0218┘
– 2.2074┘ • -0.0280┘ – 1.4181┘ • -1.8521┘ – 4.2439┘ – 9.6725┘
– 0.4101┘ – 5.9700┘ • 21.4976┘ • -2.7566┘ • -5.3865┘ • 10.0449┘
• 30.2582┘ • 37.1643┘ – 4.4241┘ • 21.8341┘ – 4.7361┘ – 3.9047┘
– 2.1822┘ • -8.5554┘ – 1.4738┘ – 8.8216┘ • -1.6944┘ – 3.7375┘
– 6.0501┘ • 16.3786┘ – 0.2459┘ – 1.6038┘ – 0.7549┘ – 2.4906┘
– 3.5222┘ – 4.0630┘ • -1.2362┘ ┘ #N/A┘ – 6.5201┘ • -2.8440┘
– 6.4248┘ • -5.7245┘ • -2.2779┘ – 0.7672┘ – 0.4998┘ – 4.5180┘
• -3.1708┘ • 13.5120┘ • -1.1168┘ – 6.2058┘ – 1.5552┘ – 4.5493┘
• -9.8939┘ • 19.0113┘ • 11.4667┘ – 3.9782┘ – 6.2847┘ – 0.9528┘
– 3.3017┘ – 2.2859┘ – 9.1582┘ • 17.7465┘ – 8.6458┘ • -4.3582┘
◘ -13.2004┘ – 4.9079┘ – 7.2317┘ – 3.9006┘ – 3.0486┘ – 1.6161┘
– 5.8388┘ – 1.9365┘ – 0.4633┘ • 41.3071┘ – 3.4575┘ • 14.3378┘
– 1.4927┘ – 8.0232┘ – 1.0371┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ • 87.0581┘ • 27.5439┘
• 15.4261┘ – 2.4527┘ • 53.4646┘ • -4.5033┘ ◘ -11.2218┘ ◘ -14.1267┘
• 38.7837┘ ┘ #N/A┘ – 7.7887┘ • 18.7179┘ • 14.3384┘ • 45.8660┘
• -1.1481┘ • 15.4021┘ • 16.6354┘ ┘ ┘ • 12.3633┘ – 8.1338┘
– 1.1471┘ • 27.5940┘ – 9.4379┘ – 7.8775┘ • 24.4019┘ • 12.9780┘
• 11.4667┘ • 25.0739┘ ┘ ┘ • 56.8622┘ ┘ #N/A┘ – 0.8569┘
┘ #N/A┘ – 0.0000┘ – 4.9708┘ • 12.6382┘ • 72.2852┘ – 7.7161┘
┘ #N/A┘ ┘ #N/A┘ – 4.7635┘ • 11.5972┘ • 20.1685┘ • 13.7939┘
– 0.0000┘ ┘ #N/A┘ – 0.0000┘ ┘ #N/A┘ – 2.1109┘ • 25.7062┘
– 7.0897┘ ┘ #N/A┘ • 12.9387┘ • 16.2231┘ – 0.0000┘ – 0.8389┘
• 17.6999┘ ┘ #N/A┘ • 19.5042┘ ┘ #N/A┘ – 3.3129┘ – 5.7398┘
– 2.9512┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ – 0.0000┘ • 10.6628┘
┘ #N/A┘ • -1.1880┘ – 0.0000┘ – 3.0220┘ – 4.1871┘ ◘ 129.6353┘
• 10.5793┘ ┘ #N/A┘ • 54.2835┘ • 21.6152┘ – 5.3251┘ – 2.8934┘
– 0.0000┘ • 12.2010┘ ◘ 138.1103┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘
┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ – 9.5213┘ – 3.7803┘ – 5.0445┘
• 26.7226┘ – 8.9889┘ ┘ #N/A┘ – 3.2678┘ • 74.7427┘ – 3.4706┘
• 29.3388┘ – 6.7777┘ • 18.8074┘ • 13.3780┘ ┘ #N/A┘ • 12.8242┘
– 6.7138┘ ┘ #N/A┘ – 4.3745┘ ┘ #N/A┘ ┘ #N/A┘ • -3.0041┘
• 12.7794┘ ┘ #N/A┘ • 22.5867┘ ┘ #N/A┘ • 35.4366┘ – 2.9417┘
• 19.2463┘ – 0.0000┘ ┘ #N/A┘ – 4.9726┘ – 3.0508┘ – 6.5607┘
• 15.5492┘ • 11.2252┘ • 16.0583┘ ┘ #N/A┘ • 14.4079┘ • -1.3121┘
• 21.6495┘ • 38.3482┘ ┘ #N/A┘ • 10.7261┘ • 15.7151┘ • 24.8674┘
◘ 230.8681┘ – 0.0000┘ ┘ #N/A┘ • 18.0242┘ • 48.7686┘ • 13.9654┘
┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ ┘ • -2.1383┘ • -
2.6000┘ • -1.8744┘ • -3.7153┘ • -4.2634┘ • -3.4036┘ ◘ -10.7513┘
┘ #N/A┘ • -1.7426┘ • -4.0441┘ • -5.6286┘ • -5.7480┘ • -0.7006┘
• -1.0638┘ • -3.9333┘ ┘ #N/A┘ • -1.6627┘ ┘ • -2.3843┘ • -
2.0642┘ • -4.8587┘ ┘ ┘ ┘ ┘ ┘ ┼ 0┘ ¶ Naritomi et al. 2003┘

• 13.4973		• 25.7080				¶ Naritomi et al. 2003		
¶ Naritomi et al. 2003								– 2.9093
		¶ Naritomi et al. 2003	¶ Naritomi et al. 2003					
• 10.0354						#N/A		
	• 52.8514					• 29.4303		
• 80.1041						• 20.9828		
– 3.0021		– 0.5132						
– 4.5783								
– 3.8921	#N/A					• 59.5399		
	– 2.1985							
				– 1.0694				
		– 0.0000		– 0.0000		– 0.0000		– 1.9953
		• 14.8742	#N/A					
	¶ Naritomi et al. 2003		¶ Naritomi et al. 2003					
	– 6.4687						#N/A	
#N/A					#N/A		#N/A	
– 0.0000				#N/A		#N/A		
	#N/A				– 0.0000	– 0.0000		#N/A
	#N/A				#N/A	#N/A		#N/A
		#N/A						#N/A
						#N/A	#N/A	
#N/A	#N/A		#N/A		#N/A			
– 0.0000		#N/A					– 0.0000	
– 0.0000		#N/A				#N/A		#N/A
#N/A	– 0.0000			#N/A		#N/A		
		#N/A					– 0.0000	
#N/A					#N/A			
	#N/A	– 0.0000		– 0.0000		#N/A		#N/A
#N/A	#N/A			– 4.8198				• 57.8660
• 11.3068		#N/A						
• 37.1470	#N/A			¶ Naritomi et al. 2003				
			┼ 0	1	• 15.9833	– 0.3952		– 6.8217
– 3.2014	• 69.2246	• 10.8556		◀ 1.040000000000000				1
– 3.6710	• 23.1773	• 88.5314		– 2.9558		– 6.5390		– 6.7556
– 1.6733	– 2.6921	– 2.8375		– 0.4172		◀ 0.548000000000000		
◀ 0.980000000000000		– 4.1052		– 6.6868		• 48.0917		• 12.3704
• 21.3679	– 4.7634	• 19.7104		• 83.6025		• 50.0085		• 90.5833
#N/A	• 17.5037	• 42.7326		• 17.3359		• 50.5854		• 31.5522
• 98.4015	• 93.5234	• 89.1427		• 32.6939		• 18.0184		– 0.8529
– 0.6480	• 84.5731	• 35.5886		– 0.4255		• 96.4918		– 9.4276
– 0.3875	• 16.1460	– 1.5662		– 2.4362		– 4.1383		– 5.7194
– 0.3270	– 0.4357	– 0.3583		– 1.7267		• 25.8916		– 3.6201
– 9.1941	– 1.8819	– 2.7550		– 4.1000		• 61.2982		• 28.4180
• 45.4824	• 92.3123	• 15.1273		• 28.9509		• 65.5851		– 0.6681
– 4.7126	#N/A	• 10.5123		• 35.4754		• 26.8484		– 6.1194
• 47.8672	– 8.5995	• 20.7711		– 8.4287		• 18.4057		– 0.4802
– 6.0839	• 15.3767	– 1.0089		– 0.4779		– 0.4758		• 29.5713
• 16.3337	– 2.2370	• 84.3484		– 3.6511		– 0.9787		• 21.5949
◘ 102.4543	– 0.0907	– 5.4720		• 28.4499		– 0.5446		• 99.3304
– 3.3785	• 41.7222	• 38.3433		• 10.2890		• 13.8160		• 28.5697
• 82.8566	– 1.1392	• 42.7007		– 2.3048		– 2.2368		• 32.9235
• 13.7257								
				– 0.6078	– 0.0000	– 0.0000		– 0.0000
– 1.0310	– 2.1472	– 0.9462		– 2.4838		• 13.3184		#N/A

• 57.7389┘ – 6.2220┘ • 23.1773┘ • 65.6031┘ – 1.9468┘ • 13.1270┘
– 9.3459┘ ◀ 0.780000000000000┘ ◀ 0.600000000000000┘ • 13.7473┘
– 2.8072┘ • 73.0560┘ • 17.7340┘ – 9.7145┘ • 12.1758┘ – 1.7153┘
• 23.7266┘ • 16.3337┘ – 6.6507┘ ┘ ┘ – 0.0000┘ ┘ #N/A┘
– 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ ┘ #N/A┘ ┘ #N/A┘ – 0.0000┘ – 0.0360┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘ – 0.0000┘
– 0.2141┘ • 29.0181┘ ┘ #N/A┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ – 0.0000┘
– 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 0.0000┘ – 0.0000┘ ┘ #N/A┘ ┘ #N/A┘
┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 1.6551┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 2.8319┘ – 0.0000┘ – 0.0000┘ ┘ #N/A┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ ┘ #N/A┘ ┘ #N/A┘
– 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 0.0000┘ – 0.1584┘ ┘ #N/A┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 0.0000┘ ┘ #N/A┘ – 0.0000┘ – 0.0000┘
– 0.0000┘ – 0.0000┘ – 0.0000┘ ┘ #N/A┘ • 11.4217┘ – 0.0000┘
– 0.0000┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ ┘ #N/A┘ ┘
– 4.0013┘ – 0.6623┘ • 45.8844┘ • 86.8373┘ • 57.3219┘ – 8.5195┘
– 2.2385┘ ┘ #N/A┘ • 85.1279┘ – 6.4899┘ • 45.9904┘ • 54.6775┘
– 1.7971┘ • 79.2577┘ • 39.8169┘ ┘ #N/A┘ – 2.7994┘
◀ 0.590000000000000┘ • 62.7788┘ • 12.5809┘ – 0.3760┘ ┘ ┘
┘ ┘ ┘ ┼ 0┘ ¶ Naritomi et al. 2003┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ ¶ Naritomi et al. 2003┘
¶ Naritomi et al. 2003┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ ┘ ┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘

| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ → <row r=\282\
spans=\1:44\>┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
| #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘ | #REF!┘
¶ Naritomi et al. 2003┘ | #REF!┘ | #REF!┘ | #REF!┘ ┘ ┘ ┘
┘ ┘

0€€
€€€
€€€
€€ 0 ð• ¢@M£×
=p¤@E• ®¶ záH@(‼ t¼j~ú@-î— Oß;@┐ ~ùÛ"Ðå ð• ¢ ð• ¢?ù ¶ ã¼Ó[@¶┐

l°^5@&["Ðå`B@G8Që… ¸@TxQë… ¸?ûZ…‡“Ý˜@&Òñ©ûçm?ÿ.Hè§ ç@ "Ðå`A‰@4ž¸Që… ▯ ð• ¢▯
ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢À‼ ï ²-
♬V▯ ð• ¢▯ ð• ¢▯ ð• ¢À‼ ¬▯ 1&éy▯ ð• ¢▯ ð• ¢@M, \(õÃ▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@C
J=p£×
@│ï ²-
♬V▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@B¸Që… ¸▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@G¶ záG®¶ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢À ¸Që… ▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð•
¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢À
À •• – $Ý/▯ ð• ¢▯ ð• ¢▯ ð• ¢À=¶ záG®¶ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@‼ S÷ÎÙ┬ ‡▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@1ûçl‹C–▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢
▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢▯ ð• ¢@BÂ \(õÃ@8Ç®¶ záH@E#×
=p¤@☼┬ ‡+┐

J@D¡G®¶ záÀ
· – $Ý/← @#å`A‰7L?ª'£│ S&↑ @DÔzáG®¶ ð• ¢□ ð• ¢@#¤Ý/→ Ÿ¾@YtzáG®¶ ð• ¢□ ð• ¢@L333333@
E¡G®¶ zá□ ð• ¢□ ð• ¢@DuÂ \(ö□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@`Ë… ¸Qì□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□
ð• ¢□ ð• ¢¿ÿº^5?|î□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð•
¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@!ž¸Që… □ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@
%uÂ \(ö□ ð• ¢□ ð• ¢□ ð• ¢@1ƒ↨ n—
P□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□
ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À
¾vÈ´9X□ ð• ¢□ ð• ¢@┴ &éxÔýô□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢¿"↨ │ ¼ £n□ ð• ¢
@ ♬V┘ ↑ "u□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@KY™™™™š□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢
□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@X ¸Që… □ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@&
âMÒñ©ü@ATzáG®¶ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢¿ô–»˜Çâ‚□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð
• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À│ "Ðå`A‰□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À┴ Ÿ¾vÈ´9□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð
• ¢□ ð• ¢□ ð• ¢□ ð• ¢♬ 0□ ð• ¢@IÜ(õÂ \@<.¶ záG®@┐ ›¥ãS÷Ï@!♂ C•• – %?ó¹Œ~($♂ □ ð• ¢□ ð• ¢?ñ±[W
>«6@└ Â \(õÃ@ ËÆ§ï ²@┤ p£×
=q@@ffffff?õ← quŽ!–@┬ éxÔýó¶¿¼Æ?¶ ↨ │ ¼?øl"h
Ô•?íQ‚©"♂ á□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À
┘ bMÒñ©ü□ ð• ¢□ ð• ¢□ ð• ¢À ï ²-
♬V□ ð• ¢□ ð• ¢@RN¶ záG®□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@/$Ý/→ Ÿ¾¿ð~ùÛ"Ðå□ ð• ¢□
ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@‚>vÈ´9X□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@@p£×
=q□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À◘ Ðå`A‰7□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□
ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À(Å¡ÊÀƒ↨ À┘ ~ùÛ"Ðå□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð
• ¢□ ð• ¢À– Àƒ↨ n—
□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð
• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@4 \(õÂ @&úáG®¶ {@?Që… ¸R@9×
=p£×?ÖÜ]c`e•?ðÀƒ↨ n— ?âV┘ ↑ "t¼@B=p£×
=□ ð• ¢□ ð• ¢@GŒÌÌÌÍ□ ð• ¢□ ð• ¢@I├ ™™™™š@B«… ¸Qì□ ð• ¢□ ð• ¢@#áG®¶ zá□ ð• ¢□ ð• ¢□ ð• ¢□
ð• ¢□ ð• ¢□ ð• ¢@HÏ\(õÂ □ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À┬ X┼ bMÒò□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□
ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢
□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢?ö
┐ ÞÑ·□ ð• ¢□ ð• ¢□ ð• ¢@/B \(õÃ□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð•
¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢¿ø !-
w1 □ ð• ¢□ ð• ¢@┤ ◘ 1&éxÕ□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢¿÷E8ï4Ö¡□ ð• ¢@← ?|í'hs□ ð
• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@.çl‹C• □ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð•
¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@E°£×
=q□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢@EèõÂ \)□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢□ ð• ¢À +┐

I°^ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢À
¸Që… ¸ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢À‼ ×
=p£× ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
0€€€
€€€
€€€
€€€ 0 ð• ¢@3:Àƒ↕ n˜@2;]ÌcñA@Qóï
²-♬@↕ ¨Xy=Ù @BÄ↕ | ¼ £@'äZ ¬◘1 ð• ¢ ð• ¢@– ¶↕ | ¼ £@ ´┘ êJŒ┴ @R¶c Š
└ @‼ Q├ Î• _p@%qN;Í5¨@", -à
@ ²GE8ï5?í«ŸU›=◘ @0r-
♬V┘ ├ ?îC,¥zxI ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@Hr#9
Àëî ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@Tû|í'hs ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?Ò¾ß¤?åÉ
ð• ¢ ð• ¢ ð• ¢@S\â├ e+Ô ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ê/ƒ{J#:@
:û~ ÿ—?ãKÆ§ï ²@=L(õÂ \@┴ Oß;dZ@#¶R½<6◄?à £n.±Ä@┬ t9X┼ bN@MÝöý!ÿ. ð• ¢ ð• ¢@ Íà
← qv@JÛ¯·é☼ ù ð• ¢ ð• ¢@+ºÔ,<ží@&Ð£×
=q ð• ¢ ð• ¢@4↕ ©"♂ àß ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ÞCþ\'Ñ
N ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@5„‡ü¹#£ ð• ¢ ð• ¢ ð• ¢?Ð˜
_– ö"F ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@↑ àA‰7KÇ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢?öU›=• ÈK ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢@• Îp:û~' ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ûl‹C•• – ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢@DyDg8 ~ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢┼ 0┘
¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘
┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ┘
┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘ ¶ Naritomi et al. 2003┘
¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘
┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘

┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ¶ Wetmore et al.
Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘

┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘
¶ Wetmore et al. Unpub┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al.
Unpub┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ¶ Wetmore et al. Unpub┘
┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al. Unpub┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ¶ Wetmore et al.
Unpub┘ ┘ ┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ¶ Wetmore et al. Unpub┘
┘ ┘ ┘ ┘ ┘ ┘ ┘

♬ 0?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ð?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?æùÛ"Ðå`?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ... ð• ¢?îffffff?æffffff ð• ¢ ð• ¢ ð• ¢ ... ð• ¢?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢┼ 0┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘
¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘

┘ ┘ ┘ ┘ ¶ Naritomi et al. 2003┘ ¶ Naritomi et al. 2003┘ ┘ ┘

¶ Naritomi et al. 2003┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
♬ 0?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ð£×
=p¤?íÂ \(õÃ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?ã┐

I°^5?ð ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢?ó\(õÂ \?ä 1&éxÕ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð
• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢
ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?äÌÌÌÌÍ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð•
¢ ð• ¢

0 ¶ Naritomi et al. 2003 ¶ Naritomi et al. 2003 ¶ Naritomi et al. 2003

¶ Naritomi et al. 2003 ¶ Naritomi et al. 2003

¶ Naritomi et al. 2003 ¶ Naritomi et al. 2003

¶ Naritomi et al. 2003

0

Y Y

Y

Y

Y Y

Y

┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ Y┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ Y┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┼ 0┘ Y┘ ┘ ┘ ┘
┘ ┘ ┘ Y┘ Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ Y┘ Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ Y┘
Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ Y┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┼ 0┘
Y┘ ↑ <row r=\7\ spans=\1:44\>┘ ↑ <row r=\8\ spans=\1:44\>┘ ↑ <row r=\9\
spans=\1:44\>┘ ├ <row r=\10\ spans=\1:44\>┘ ├ <row r=\11\ spans=\1:44\>┘ ├ <row r=\12\
spans=\1:44\>┘ ├ <row r=\13\ spans=\1:44\>┘ Y┘ ├ <row r=\15\ spans=\1:44\>┘ ├ <row
r=\16\ spans=\1:44\>┘ ├ <row r=\17\ spans=\1:44\>┘ ├ <row r=\18\ spans=\1:44\>┘ ├ <row r=\19\
spans=\1:44\>┘ ├ <row r=\20\ spans=\1:44\>┘ ├ <row r=\21\ spans=\1:44\>┘ ├ <row r=\22\
spans=\1:44\>┘ ├ <row r=\23\ spans=\1:44\>┘ ├ <row r=\24\ spans=\1:44\>┘ ├ <row r=\25\
spans=\1:44\>┘ ├ <row r=\26\ spans=\1:44\>┘ ├ <row r=\27\ spans=\1:44\>┘ ├ <row r=\28\
spans=\1:44\>┘ ├ <row r=\29\ spans=\1:44\>┘ ├ <row r=\30\ spans=\1:44\>┘ ├ <row r=\31\
spans=\1:44\>┘ ├ <row r=\32\ spans=\1:44\>┘ ├ <row r=\33\ spans=\1:44\>┘ ├ <row r=\34\
spans=\1:44\>┘ ├ <row r=\35\ spans=\1:44\>┘ ├ <row r=\36\ spans=\1:44\>┘ ├ <row r=\37\
spans=\1:44\>┘ ├ <row r=\38\ spans=\1:44\>┘ ├ <row r=\39\ spans=\1:44\>┘ ├ <row r=\40\
spans=\1:44\>┘ ├ <row r=\41\ spans=\1:44\>┘ ├ <row r=\42\ spans=\1:44\>┘ ├ <row r=\43\
spans=\1:44\>┘ ├ <row r=\44\ spans=\1:44\>┘ ├ <row r=\45\ spans=\1:44\>┘ ├ <row r=\46\
spans=\1:44\>┘ ├ <row r=\47\ spans=\1:44\>┘ ├ <row r=\48\ spans=\1:44\>┘ ├ <row r=\49\
spans=\1:44\>┘ ├ <row r=\50\ spans=\1:44\>┘ ├ <row r=\51\ spans=\1:44\>┘ ├ <row r=\52\
spans=\1:44\>┘ ├ <row r=\53\ spans=\1:44\>┘ ├ <row r=\54\ spans=\1:44\>┘ ├ <row r=\55\
spans=\1:44\>┘ ├ <row r=\56\ spans=\1:44\>┘ ├ <row r=\57\ spans=\1:44\>┘ ├ <row r=\58\
spans=\1:44\>┘ ├ <row r=\59\ spans=\1:44\>┘ ├ <row r=\60\ spans=\1:44\>┘ 2<row r=\61\
spans=\1:44\ ht=\15\ customHeight=\1\>┘ ├ <row r=\62\ spans=\1:44\>┘ 4<row r=\63\
spans=\1:44\ ht=\13.5\ customHeight=\1\>┘ ├ <row r=\64\ spans=\1:44\>┘ ├ <row r=\65\
spans=\1:44\>┘ ├ <row r=\66\ spans=\1:44\>┘ ├ <row r=\67\ spans=\1:44\>┘ ├ <row r=\68\
spans=\1:44\>┘ 5<row r=\69\ spans=\1:44\ ht=\14.25\ customHeight=\1\>┘ ├ <row r=\70\
spans=\1:44\>┘ ├ <row r=\71\ spans=\1:44\>┘ ├ <row r=\72\ spans=\1:44\>┘ ├ <row r=\73\
spans=\1:44\>┘ ├ <row r=\74\ spans=\1:44\>┘ ├ <row r=\75\ spans=\1:44\>┘ ├ <row r=\76\

spans=\1:44\>┘ ├ <row r=\77\ spans=\1:44\>┘ ├ <row r=\78\ spans=\1:44\>┘ ├ <row r=\79\
spans=\1:44\>┘ ├ <row r=\80\ spans=\1:44\>┘ ├ <row r=\81\ spans=\1:44\>┘ ├ <row r=\82\
spans=\1:44\>┘ ├ <row r=\83\ spans=\1:44\>┘ ├ <row r=\84\ spans=\1:44\>┘ ├ <row r=\85\
spans=\1:44\>┘ ├ <row r=\86\ spans=\1:44\>┘ ├ <row r=\87\ spans=\1:44\>┘ ├ <row r=\88\
spans=\1:44\>┘ ├ <row r=\89\ spans=\1:44\>┘ ├ <row r=\90\ spans=\1:44\>┘ ├ <row r=\91\
spans=\1:44\>┘ ├ <row r=\92\ spans=\1:44\>┘ ├ <row r=\93\ spans=\1:44\>┘ ├ <row r=\94\
spans=\1:44\>┘ ├ <row r=\95\ spans=\1:44\>┘ ├ <row r=\96\ spans=\1:44\>┘ ├ <row r=\97\
spans=\1:44\>┘ ├ <row r=\98\ spans=\1:44\>┘ ├ <row r=\99\ spans=\1:44\>┘ → <row r=\100\
spans=\1:44\>┘ → <row r=\101\ spans=\1:44\>┘ → <row r=\102\ spans=\1:44\>┘ → <row r=\103\
spans=\1:44\>┘ → <row r=\104\ spans=\1:44\>┘ → <row r=\105\ spans=\1:44\>┘ → <row r=\106\
spans=\1:44\>┘ → <row r=\107\ spans=\1:44\>┘ → <row r=\108\ spans=\1:44\>┘ → <row r=\109\
spans=\1:44\>┘ → <row r=\110\ spans=\1:44\>┘ → <row r=\111\ spans=\1:44\>┘ → <row r=\112\
spans=\1:44\>┘ 6<row r=\113\ spans=\1:44\ ht=\14.25\ customHeight=\1\>┘ 6<row r=\114\
spans=\1:44\ ht=\14.25\ customHeight=\1\>┘ → <row r=\115\ spans=\1:44\>┘ → <row r=\116\
spans=\1:44\>┘ → <row r=\117\ spans=\1:44\>┘ → <row r=\118\ spans=\1:44\>┘ → <row r=\119\
spans=\1:44\>┘ → <row r=\120\ spans=\1:44\>┘ %<row r=\121\ spans=\1:44\ ht=\15.75\>┘
┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘ ┘
┘ ┘ → <row r=\136\ spans=\1:44\>┘ → <row r=\137\ spans=\1:44\>┘ → <row r=\138\
spans=\1:44\>┘ → <row r=\139\ spans=\1:44\>┘ → <row r=\140\ spans=\1:44\>┘ → <row r=\141\
spans=\1:44\>┘ → <row r=\142\ spans=\1:44\>┘ → <row r=\143\ spans=\1:44\>┘ → <row r=\144\
spans=\1:44\>┘ → <row r=\145\ spans=\1:44\>┘ → <row r=\146\ spans=\1:44\>┘ → <row r=\147\
spans=\1:44\>┘ → <row r=\148\ spans=\1:44\>┘ → <row r=\149\ spans=\1:44\>┘ → <row r=\150\
spans=\1:44\>┘ → <row r=\151\ spans=\1:44\>┘ → <row r=\152\ spans=\1:44\>┘ → <row r=\153\
spans=\1:44\>┘ → <row r=\154\ spans=\1:44\>┘ → <row r=\155\ spans=\1:44\>┘ → <row r=\156\
spans=\1:44\>┘ → <row r=\157\ spans=\1:44\>┘ → <row r=\158\ spans=\1:44\>┘ → <row r=\159\
spans=\1:44\>┘ → <row r=\160\ spans=\1:44\>┘ → <row r=\161\ spans=\1:44\>┘ → <row r=\162\
spans=\1:44\>┘ → <row r=\163\ spans=\1:44\>┘ %<row r=\164\ spans=\1:44\ ht=\15.75\>┘
┘ ┘ → <row r=\167\ spans=\1:44\>┘ Y┘ → <row r=\169\ spans=\1:44\>┘ → <row
r=\170\ spans=\1:44\>┘ → <row r=\171\ spans=\1:44\>┘ → <row r=\172\ spans=\1:44\>┘ → <row
r=\173\ spans=\1:44\>┘ → <row r=\174\ spans=\1:44\>┘ → <row r=\175\ spans=\1:44\>┘ → <row
r=\176\ spans=\1:44\>┘ → <row r=\177\ spans=\1:44\>┘ → <row r=\178\ spans=\1:44\>┘ → <row
r=\179\ spans=\1:44\>┘ → <row r=\180\ spans=\1:44\>┘ → <row r=\181\ spans=\1:44\>┘ → <row
r=\182\ spans=\1:44\>┘ → <row r=\183\ spans=\1:44\>┘ → <row r=\184\ spans=\1:44\>┘ → <row
r=\185\ spans=\1:44\>┘ → <row r=\186\ spans=\1:44\>┘ → <row r=\187\ spans=\1:44\>┘ → <row
r=\188\ spans=\1:44\>┘ → <row r=\189\ spans=\1:44\>┘ → <row r=\190\ spans=\1:44\>┘ → <row
r=\191\ spans=\1:44\>┘ → <row r=\192\ spans=\1:44\>┘ → <row r=\193\ spans=\1:44\>┘ → <row
r=\194\ spans=\1:44\>┘ → <row r=\195\ spans=\1:44\>┘ → <row r=\196\ spans=\1:44\>┘ → <row
r=\197\ spans=\1:44\>┘ → <row r=\198\ spans=\1:44\>┘ → <row r=\199\ spans=\1:44\>┘ → <row
r=\200\ spans=\1:44\>┘ → <row r=\201\ spans=\1:44\>┘ → <row r=\202\ spans=\1:44\>┘ → <row
r=\203\ spans=\1:44\>┘ → <row r=\204\ spans=\1:44\>┘ → <row r=\205\ spans=\1:44\>┘ → <row
r=\206\ spans=\1:44\>┘ → <row r=\207\ spans=\1:44\>┘ → <row r=\208\ spans=\1:44\>┘ → <row
r=\209\ spans=\1:44\>┘ → <row r=\210\ spans=\1:44\>┘ → <row r=\211\ spans=\1:44\>┘ → <row
r=\212\ spans=\1:44\>┘ → <row r=\213\ spans=\1:44\>┘ → <row r=\214\ spans=\1:44\>┘ → <row
r=\215\ spans=\1:44\>┘ → <row r=\216\ spans=\1:44\>┘ → <row r=\217\ spans=\1:44\>┘ → <row
r=\218\ spans=\1:44\>┘ → <row r=\219\ spans=\1:44\>┘ → <row r=\220\ spans=\1:44\>┘ → <row
r=\221\ spans=\1:44\>┘ → <row r=\222\ spans=\1:44\>┘ → <row r=\223\ spans=\1:44\>┘ → <row
r=\224\ spans=\1:44\>┘ → <row r=\225\ spans=\1:44\>┘ → <row r=\226\ spans=\1:44\>┘ → <row
r=\227\ spans=\1:44\>┘ → <row r=\228\ spans=\1:44\>┘ → <row r=\229\ spans=\1:44\>┘ → <row
r=\230\ spans=\1:44\>┘ → <row r=\231\ spans=\1:44\>┘ → <row r=\232\ spans=\1:44\>┘ → <row
r=\233\ spans=\1:44\>┘ → <row r=\234\ spans=\1:44\>┘ → <row r=\235\ spans=\1:44\>┘ → <row
r=\236\ spans=\1:44\>┘ → <row r=\237\ spans=\1:44\>┘ → <row r=\238\ spans=\1:44\>┘ → <row
r=\239\ spans=\1:44\>┘ → <row r=\240\ spans=\1:44\>┘ → <row r=\241\ spans=\1:44\>┘ → <row
r=\242\ spans=\1:44\>┘ → <row r=\243\ spans=\1:44\>┘ → <row r=\244\ spans=\1:44\>┘ → <row
r=\245\ spans=\1:44\>┘ → <row r=\246\ spans=\1:44\>┘ → <row r=\247\ spans=\1:44\>┘ → <row
r=\248\ spans=\1:44\>┘ → <row r=\249\ spans=\1:44\>┘ → <row r=\250\ spans=\1:44\>┘ → <row
r=\251\ spans=\1:44\>┘ → <row r=\252\ spans=\1:44\>┘ → <row r=\253\ spans=\1:44\>┘ → <row

r=\254\ spans=\1:44\>┘ → <row r=\255\ spans=\1:44\>┘ → <row r=\256\ spans=\1:44\>┘ → <row
r=\257\ spans=\1:44\>┘ → <row r=\258\ spans=\1:44\>┘ → <row r=\259\ spans=\1:44\>┘ → <row
r=\260\ spans=\1:44\>┘ → <row r=\261\ spans=\1:44\>┘ → <row r=\262\ spans=\1:44\>┘ → <row
r=\263\ spans=\1:44\>┘ → <row r=\264\ spans=\1:44\>┘ → <row r=\265\ spans=\1:44\>┘ → <row
r=\266\ spans=\1:44\>┘ → <row r=\267\ spans=\1:44\>┘ → <row r=\268\ spans=\1:44\>┘ → <row
r=\269\ spans=\1:44\>┘ → <row r=\270\ spans=\1:44\>┘ → <row r=\271\ spans=\1:44\>┘ → <row
r=\272\ spans=\1:44\>┘ → <row r=\273\ spans=\1:44\>┘ → <row r=\274\ spans=\1:44\>┘ → <row
r=\275\ spans=\1:44\>┘ → <row r=\276\ spans=\1:44\>┘ → <row r=\277\ spans=\1:44\>┘ → <row
r=\278\ spans=\1:44\>┘ → <row r=\279\ spans=\1:44\>┘ → <row r=\280\ spans=\1:44\>┘ %<row
r=\281\ spans=\1:44\ ht=\15.75\>┘ ┘ → <row r=\283\ spans=\1:44\>┘ → <row r=\284\
spans=\1:44\>┘ → <row r=\285\ spans=\1:44\>┘ → <row r=\286\ spans=\1:44\>┘ → <row r=\287\
spans=\1:44\>┘ → <row r=\288\ spans=\1:44\>┘ → <row r=\289\ spans=\1:44\>┘ → <row r=\290\
spans=\1:44\>┘ → <row r=\291\ spans=\1:44\>┘ → <row r=\292\ spans=\1:44\>┘ → <row r=\293\
spans=\1:44\>┘ → <row r=\294\ spans=\1:44\>┘ → <row r=\295\ spans=\1:44\>┘ → <row r=\296\
spans=\1:44\>┘ → <row r=\297\ spans=\1:44\>┘ → <row r=\298\ spans=\1:44\>┘ → <row r=\299\
spans=\1:44\>┘ → <row r=\300\ spans=\1:44\>┘ → <row r=\301\ spans=\1:44\>┘ → <row r=\302\
spans=\1:44\>┘ %<row r=\303\ spans=\1:44\ ht=\15.75\>┘ ┘ ┘ ┘
┘ ┘ ┐ ┘ │ names┼ ,┘ ◘ Compound┘ └ CAS┘ │ Human┘ └ Rat┘ │ Clint┘
└ Fub┘ ◘ PhysChem┘ ┐ MW┘ Reference┘ ┘ logP┘
♂ Reference.1┘ └ pKa┘ ♂ Reference.2┘ ♂ Human.Clint┘
♂ Reference.3┘ Human.Fub┘ ♂ Reference.4┘ Human.Fab┘
♂ Reference.5┘ Human.Rbp┘ ♂ Reference.6┘ Rat.Clint┘
♂ Reference.7┘ • Rat.Fub┘ │ X1.uM┘ − X10.uM┘ • X1.uM.1┘
◘ X10.uM.1┘ ◘ X10.uM.2┘ X┘ • X1.uM.2┘ ◘ X10.uM.3┘ • X1.uM.3┘
◘ X10.uM.4┘ ♂ Reference.8┘ • Rat.Fab┘ ♂ Reference.9┘ • Rat.Rbp┘

Reference.10┘ └ Ito┘ │ Riley┘ • Schmitt┘ ◘ Naritomi┘ │ Jones┘ ┐ ┘
│ class┼ ┘
data.frame┘ ┐ ┘ row.names
┐ €ÿÿþÐþ┘ ┐ ┘ ‼ chem.invivo.PK.data└ ‼
┼┐ U┘ ♂ Carbendazim┘ ♂ Carbendazim┘ ♂ Carbendazim┘ ♂ Carbendazim┘
♂ Carbendazim┘ ♂ Carbendazim┘ ♂ Carbendazim┘

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin

Deltamethrin
Antipyrine
Antipyrine
Antipyrine
Antipyrine
Antipyrine
Antipyrine
Antipyrine
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam
Alprazolam Bosentan Bosentan Bosentan Bosentan Bosentan
Bosentan Bosentan Bosentan Bosentan Bosentan Bosentan
Bosentan Bosentan Bosentan Bosentan Bosentan Bosentan
Caffeine Caffeine Caffeine Caffeine Caffeine Caffeine
Caffeine Caffeine Caffeine Caffeine Caffeine Caffeine
Caffeine Caffeine Caffeine Caffeine Caffeine Caffeine
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac
Diclofenac

Diclofenac
Diclofenac Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem Diltiazem
Diltiazem Diltiazem Diltiazem
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone
Hexobarbitone Ibuprofen Ibuprofen Ibuprofen
Ibuprofen Ibuprofen Ibuprofen Ibuprofen
Ibuprofen Ibuprofen Ibuprofen Ibuprofen
Ibuprofen Ibuprofen Ibuprofen Ibuprofen
Ibuprofen Ibuprofen Ibuprofen Ibuprofen
Ibuprofen Ibuprofen Ibuprofen Ibuprofen
Ibuprofen
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Imipramine
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol

Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol
Metoprolol Midazolam Midazolam Midazolam
Midazolam Midazolam Midazolam Midazolam
Midazolam Midazolam Midazolam Midazolam
Midazolam Midazolam Midazolam Midazolam
Midazolam Midazolam Midazolam ♂ Nilvadipine ♂ Nilvadipine
♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine
♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine ♂ Nilvadipine
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron ♂ Ondansetron ♂ Ondansetron
♂ Ondansetron ♂ Ondansetron
Phenacetin
Phenacetin
Phenacetin
Phenacetin
Phenacetin
Phenacetin
Phenacetin
Phenacetin
Phenacetin ♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide
♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide
♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide
♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide ♂ Tolbutamide
♂ Tolbutamide ♂ Tolbutamide Phenytoin Phenytoin

Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin
Phenytoin

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos

Chlorpyrifos┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘
♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘
♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘
♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘
♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘ ♂ Cyclosporin┘
♂ Cyclosporin┘ ↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘
↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘
↕ Diethylstilbestrol┘ ↕ Diethylstilbestrol┘
Endosulfan┘
Endosulfan┘
Endosulfan┘
Endosulfan┘
Endosulfan┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic
acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘
↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘
↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘
↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ↕ Methoxyacetic acid┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl
phthalate┘ ├ Mono ethylhexyl phthalate┘ ├ Mono ethylhexyl phthalate┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘

Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Retinoic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┘
Valproic acid┼ ┐ U┘
10605-21-7┘
10605-21-7┘

10605-21-7
10605-21-7
10605-21-7
10605-21-7
10605-21-7
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
52918-63-5
• 60-80-0 • 60-80-0 • 60-80-0 • 60-80-0 • 60-80-0 • 60-80-0 • 60-80-0
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7
28981-97-7

28981-97-7┘
28981-97-7┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘
♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘
♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘
♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘ ♂ 147536-97-8┘
♂ 147536-97-8┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-
2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘
• 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘ • 58-08-2┘
• 58-08-2┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
64118-84-9┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘
33286-22-5┘
42399-41-7┘

33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7
33286-22-5
42399-41-7 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1 • 56-29-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1
15687-27-1 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7 • 50-49-7
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6

37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
37350-58-6
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
59467-70-8
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
75530-68-6
99614-02-5
99614-02-5
99614-02-5
99614-02-5

99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5
99614-02-5

99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘
99614-02-5┘ • 62-44-2┘ • 62-44-2┘ • 62-44-2┘ • 62-44-2┘ • 62-44-2┘ • 62-44-
2┘ • 62-44-2┘ • 62-44-2┘ • 62-44-2┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘
• 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘
• 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 64-77-7┘
• 64-77-7┘ • 64-77-7┘ • 64-77-7┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘ • 57-41-0┘
• 57-41-0┘ • 57-41-0┘ 2921-88-2┘ 2921-88-2┘ 2921-
88-2┘ 2921-88-2┘ 2921-88-2┘ 2921-88-2┘ 2921-88-2┘
2921-88-2┘ 2921-88-2┘ 2921-88-2┘ 2921-88-2┘
2921-88-2┘ 2921-88-2┘ 2921-88-2┘ 2921-88-2┘
2921-88-2┘ 2921-88-2┘ 2921-88-2┘ 2921-88-2┘
2921-88-2┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘
59865-13-3┘ • 56-53-1┘ • 56-53-1┘ • 56-53-1┘ • 56-53-1┘ • 56-53-1┘ • 56-53-
1┘ • 56-53-1┘ • 56-53-1┘ • 56-53-1┘ ◘ 115-29-7┘ ◘ 115-29-7┘ ◘ 115-29-7┘

◘ 115-29-7┘ ◘ 115-29-7┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘
◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘
◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘
◘ 625-45-6┘ ◘ 625-45-6┘ ◘ 625-45-6┘ 4376-20-9┘ 4376-20-9┘
4376-20-9┘ 4376-20-9┘ 4376-20-9┘ 4376-20-9┘
4376-20-9┘ 4376-20-9┘ 4376-20-9┘ 4376-20-9┘
4376-20-9┘ 4376-20-9┘ 4376-20-9┘ 4376-20-9┘
4376-20-9┘ 4376-20-9┘ 4376-20-9┘ 4376-20-9┘ ◘ 302-
79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘
◘ 302-79-4┘ ◘ 302-79-4┘ ◘ 302-79-4┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘ • 99-66-1┘
• 99-66-1┘ • 99-66-1┼┐U┘ ◘ Jia 2003┘ ◘ Jia 2003┘ ◘ Jia 2003┘ ◘ Jia
2003┘ ◘ Jia 2003┘ ◘ Jia 2003┘ ◘ Jia 2003┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘
♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘
♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘
♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘ ♂ Anadon 1996┘
♂ Anadon 1996┘ ♂ Anadon 1996┘
Aanderud 1983┘
Aanderud 1983┘
Aanderud 1983┘
Aanderud 1983┘
Aanderud 1983┘
Aanderud 1983┘
Aanderud 1983┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘ Wang 1999┘ Wang 1999┘
Wang 1999┘ Wang 1999┘

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004

Treiber 2004┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘ ┴ Pelissier-Alicot 2002┘
Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘
Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘
Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘ Ⓘ Leon-Reyes 2009┘
Ⓘ Leon-Reyes 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘
Yeung 2009┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘ Tsui 1994┘ Tsui 1994┘
Tsui 1994┘ Tsui 1994┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘
Igari 1982┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘
┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘
┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘
┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘
┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘ ┼ Satterwhite 1991┘

Szymura 1983

Szymura 1983

Szymura 1983

Szymura 1983

Szymura 1983

Szymura 1983

Okiyama 1988

Okiyama 1988

Okiyama 1988

Okiyama 1988

Okiyama 1988

Okiyama 1988

Okiyama 1988

Okiyama 1988

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005

Boralli 2005
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002
Kotegawa 2002 ♂ Tokuma 1988 ♂ Tokuma 1988 ♂ Tokuma 1988
♂ Tokuma 1988 ♂ Tokuma 1988 ♂ Tokuma 1988 ♂ Tokuma 1988
♂ Tokuma 1988 ♂ Tokuma 1988 ♂ Tokuma 1988 ♂ Tokuma 1988
♂ Tokuma 1988 ♂ Tokuma 1988 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Yang 2008 Yang 2008 Yang 2008 Yang 2008
Cruz 2002 Cruz 2002 Cruz 2002 Cruz 2002
Cruz 2002 Cruz 2002 Cruz 2002 Cruz 2002
Cruz 2002 Wang 2010 Wang 2010 Wang 2010
Wang 2010 Wang 2010 Wang 2010 Wang 2010
Wang 2010 Wang 2010 Wang 2010 ♂ Nagata 2007
♂ Nagata 2007 ♂ Nagata 2007 ♂ Nagata 2007 ♂ Nagata 2007
♂ Nagata 2007 ♂ Nagata 2007 ♂ Nagata 2007 ↕ Della Paschoa 1998
↕ Della Paschoa 1998 ↕ Della Paschoa 1998 ↕ Della Paschoa 1998
↕ Della Paschoa 1998 ↕ Della Paschoa 1998 ↕ Della Paschoa 1998
↕ Della Paschoa 1998 ↕ Della Paschoa 1998 ↕ Della Paschoa 1998
↕ Della Paschoa 1998 ↕ Della Paschoa 1998 ↕ Della Paschoa 1998
◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008
◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008
◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008
◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008 ◘ Kim 2008
Timchalk 2002
Timchalk 2002

Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Timchalk 2002
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998
Kawai 1998 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ♂ Tanaka 2000 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 ◘ Ako 2011 Chan 2005 Chan 2005 Chan 2005 Chan 2005 Chan 2005 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 Hays 2000 ♂ Aasmoe 1995 ♂ Aasmoe 1995 ♂ Aasmoe 1995 ♂ Aasmoe 1995 ♂ Aasmoe 1995 ♂ Aasmoe 1995 ♂ Aasmoe 1995

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985

Pollack 1985┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin
2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘
♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘ ♬Saadeddin 2004┘

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988

Binkerd 1988┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi
1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘ ♬Kobayashi 1991┘
♬Kobayashi 1991┼┐ U┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ ┘ rat ┘ ┘ rat ┘
┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ ┘ rat ┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘
└rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘ └rat┘

└ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘
└ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘ └ rat┘
└ rat♬┐ U?Ç®¶ záG®?Ç®¶ záG®?Ç®¶ záG®?Ç®¶ záG®?Ç®¶ záG®?Ç®¶ záG®?Ç®¶ záG®?È
Që… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸
R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë
… ¸R?ÈQë… ¸R?ÈQë… ¸R?Ð?Ð?Ð?Ð?Ð?Ð?Ð?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?
Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?
Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?
Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?
Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ó… ¸Që…?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™
™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™
™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ
™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?
Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™
š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë
… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?ÈQë… ¸R?
ÈQë… ¸R?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù
™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?
Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ
?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌ
ÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?ÜÌÌÌÌÍ?Ò \(õÂ ?Ò \(
õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ò \(õÂ ?Ù™™™™™š?
Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™
š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™
™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™™™š?Ù™™™
™™š?Ù™™™™™š?Ù™™™™™š?É™™™™™š?É™™™™™š?É™™™™™š?É™™™™™š?É™™
™™™š?É™™™™™š?Ð?Ð?Ð?Ð?Ð?Ð?Ð?Ð?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶
záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®
¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶
záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?Î¶ záG®¶ ?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×

=p£×
?×
=p£×
?×
=p£×
?×
=p£×
?×
=p£×
 ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢ ð• ¢?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×

=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Ð£×
=p¤?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Íp£×
=q?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?Ñ™™™™™š?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÒáG®¶ zá?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐÔýó¶E¢?ÐQë… ¸R?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?Î¸Që… ¸?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?ÐbMÒñ©ü?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ñº^5?|î?Ð?Ð?Ð?Ð?Ð?Ð?Ð?Ð?Ð?¹™™™™™š?¹™™™™™š?¹™™™™™š?¹™™™™™š?¹™™™™™š?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Òn— Oß;?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?Ï;dZ ¬◘ ?ÔÌÌÌÌÍ?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×

=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó×
=p£×?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó33
3333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó33
3333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó33
3333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó33
3333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333?Ó333333┼┐U┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘

┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘
┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘ ┐kg┘

┐kg♫┐U@ @@ @@ @@ @@ @@ @@ @@:@:@:@:@:@:@:@:@:?ó333333?ó33
3333?ó333333?ó333333?ó333333?ó333333?ó333333?ó333333?ó333333?ó333333@.@.@.@.@.@.@
.?ô?ô?ô?ô?ô?ô?ô?ô?ô@ @ @ @ @ @ @ @ @ @ @ @)@)@)@)@)@)@)@)@)@)@
$@$@$@$@$@$@$@$@$@$?ð?ð?ð?ð?ð?ð?ð@9@9@9@9@9@9@9@9@9@9@9@9@9@9
@9@9@9@2@2@2@2@2@2@2@2@2@2@2@2@¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶
@¶ @¶ @¶ @¶ @4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4
@4@4@4@4@4@4@4@4@4@4@4@4@N@N@N@N@N@N@N@N@N@┘ @┘ @┘ @┘ @┘
@┘ @┘ @┘ @┘ @┘ @┘ @9@9@9@9@9@9@9@9@9@9@9@9@$@$@$@$@$@$@I@I@I@I
@I@I@I@I@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4@4
@4@4@4@4@4@¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶ @¶ @.@.@.@.@.@.@.@.@.?¹™™™™™™š?¹™™™™™™š
?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™
™™™™™™š?¹™™™™™™š?¹™™™™™™š?¹™™™™™™š?ð?ð?ð?ð?ð?ð?ð?ð@┤ @┤ @┤ @┤ @┤ @┤ @┤
@┤ @┤ @ @ @ @ @ @ @ @ @ @ @ @
@4@4@4@4@4@4@4@4@4@4@4@4@┤ @┤ @┤ @┤ @┤ @┤ @┤ @ @ @ @ @ @ @ @ @
@4@4@4@4@4@4@4@4@4@4@7@7@7@7@7@7@7@7@7@$@$@$@$@$@$@$@$@$@$@
4@4@4@4@4@4@4@4@D@D@D@D@D@D@D@D@D@D@D@D@D@9@9@9@9@9@9@9@9
@9@9@9@9@9@9@9@9@9@9@9@9@9@¶ @¶ @¶ @¶ @$@$@$@$@I@I@I@I@I@I@Y@Y
@Y@Y@Y@Y@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™
™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™š@┤™™™™™™
™™š@┤™™™™™™š@↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @↑ @┤ @┤ @┤ @┤
@┤ @┤ @┤ @┤ @┤ @¶ @¶ @¶ @¶ @r @r @r @r @r @r @┤ë… ¸Qì@┤ë… ¸Qì@┤ë… ¸Qì@
┤ë… ¸Qì@Y@Y@Y@Y@Y@Y@Y@I@I@I@I@I@I@I@Y@Y@Y@Y@Y@Y@Y@Y@Y?Ù
™™™™™™š?Ù™™™™™™š?Ù™™™™™™š?Ù™™™™™™š?Ù™™™™™™š?Ù™™™™™™š?Ù™™™™™™š?
Ù™™™™™™š?Ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?
ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?ù™™™™™™š?Ù™™™™™™š?

Ù™ ™ ™ ™ ™š?Ù™ ™ ™ ™ ™š?Ù™ ™ ™ ™ ™š?Ù™ ™ ™ ™ ™š?Ù™ ™ ™ ™ ™š?Ù™ ™ ™ ™ ™
š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š
?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š?ù™ ™ ™ ™ ™š@i@i@i@i@i@i@i@,À@,À@,
À@,À@,À@,À@,À@$@$@$@$@$@$@$@$@$@$@l@l@l@l@l@l@l@l@l@Y@Y@Y@Y
@Y@Y@Y@Y@Y@Y┼┐ U┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘
◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘
◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘ ◘ mg/kg sc┘
◘ mg/kg sc┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘
♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘
♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘
♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘ ♂ 5x mg/kg sc┘
♂ 5x mg/kg sc┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg
iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘
◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg po┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘
◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘ ◘ mg/kg iv┘

◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘
◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg po┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘
◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg iv┘	◘ mg/kg

iv♫┐ U?Ð?à?ð@@┼ @ @4?à?ð@@┼ @↑ @ @$@(@8@H?à?ð@@┼ @↑ @ @$@(@8@H?à?è?ð?ø@┐ @◘ @┼ ?¡◄◄◄◄┼ á?µUUUUU=?ÅUUUUUa?Ð?ÕUUUUUO?à?è?ð?ø@?¡◄◄◄◄┼ á?µUUUUU=?ÅUUUUUa?Ð?à?ð?ø@@◘ @┼ @↑ ?¡◄◄◄◄┼ á?µUUUUU=?ÅUUUUUa?Ð?à?ð?ø@@◘ @┼ @↑ ?¡

²•éá±?ÅUqKœ¶…?ÕUGZ1¤¾?à?ð@@◘ @┼ @↑ @ ?ð@@┼ @↑ @ @8?Ð?à?ð@@┼ @
@(@8?Ð?à?ð@@┼ @ @(@8?¥UUUUU…?µU hÆ'÷?À?ÅUUUUUa?Ð?à?è?ð@@┼ @↑ @
?ð?ð@@@◘ @◘ @┼ @┼ @¶ @¶ @↑ @↑ @ @
?ÄzáG®¶ {?ÄzáG®¶ {?Ð?Ð?ð?ð?ø?ø@@@◘ @◘ @┼ @┼ @↑ @↑ @ @
@$@$?ÄzáG®¶ {?ÄzáG®¶ {?Ð?Ð?ð?ð?ø?ø@@@◘ @◘ @┼ @┼ @↑ @↑ ?¡◀◀◀◀┼ á?Úª£-↑ Ò_?êª£-↑ Ò
_?ÅUX!)Et?Ð?Ó333333?à?è?ð?ø?Ñ¾DsÍW6?çSCsó┬ ã?î5¹ pÞ ?÷`€sWæq@└▯ ¼©i→ v@☼ „◘ Øì•À@┤
o\(õÂ @ ¶È´9X┼ @$ ªdÂø8@'÷>«6z┼ @0$¢3œ♬ ¿?Ì☼ MzÝ┴ ð?â─ éÿ

º ù?ìOY└ §Tm?÷ÌƒfQm±@└ Ov_Ø-¬@¤ c'áïsÁ@┤ ¿]x▪ ←@ ck ›‼ ┬ @$-à
← qv@'âë C,¥@/bÞÑ·┤ ?-¤K¤C@Ç?Àyš ÑVŸ?à?ð@@┼ ?Ð?à?ð@@┼ @
@0@8?¡◀◀◀◀┼ á?±◀◀◀◀◀◀)?¹™™™™™š?Á◀◀◀◀◀◀│ ?ÅUUUUUa?ÕUUUUUO?à?åUUUUUX?êªªªªª¨
?ð?ø@@┘ @◘ ?¡◀◀◀◀┼ á?±◀◀◀◀◀◀)?Á◀◀◀◀◀◀│ ?ÅUUUUUa?ÕUUUUUO?à?åUUUUUX?êªªªªª¨?ð?ø
@@┘ @◘ @┼ ?µUO½-u├ ?ÅUUUUUa?Ð?à?ð?ø@@◘ @┼ ?µUO½-u├ ?ÅUUUUUa?Ð?à?ð?ø@@◘ @┼ ?
µUO½-u├ ?Ð?à?ð@@┼ @↑ ?µUO½-u├ ?Ð?à?ð@@┼ ?'◀◀◀◀◀◀q?©™™™™™š?½ÝÝÝÝÝö?Ð?à?è?ð?
ô?'◀◀◀◀◀◀q?©™™™™™š?½ÝÝÝÝÝö?Ð?à?è?ð?ô?ø@?'◀◀◀◀◀◀q?©™™™™™š?½ÝÝÝÝÝö?Ð?à?è?
ð?ô?ø@@┘ @◘ ?'◀◀◀◀◀◀q?©™™™™™š?½ÝÝÝÝÝö?Ð?à?è?ð?ô?ø@@┘ @◘ @┼ ?©™™™™™š?µU
UUUU=?ÅUUUUUa?ÕUUUUUO?à?åUUUUUX?êªªªªª¨?ð?©™™™™™š?µUUUUU=?ÅUUUUUa?ÕUUU
UUO?à?åUUUUUX?êªªªªª¨?ð?ø?©™™™™™š?µUUUUU=?ÅUUUUUa?ÕUUUUUO?à?åUUUUUX?êªªª
ªª¨?ð?ø@?¥UUUUU…?µUUUUU=?ÅUUUUUa?Ð?à?è?ð?ø@?ÅUX!)Et?ÕUSïk]F?åUV◘ JQ]?ð?ø@@◘ @
┼ @¶ @↑ ?Ð?à?ð@@┼ @↑ @ @(?µUO½-u├ ?ÅUX!)Et?Ð?ÕUSïk]F?à?åU\Rç-¡?ð?ø@@┘ @◘ @

@┼ ?‘◀◀◀◀◀q?êª£-↑ Ò_?Ð?à?è?ð?ø@@◘ @┼ ?Ð?à?è?ð?ø@@◘ @┼ @↑ @
@$@(?ð@◘ @↑ @(?ð@◘ @↑ @(?µU hÆ’÷?ÕTÉ…ðoi?ð@◘ @↑ @(?µU hÆ’÷?ÕTÉ…ðoi?ð@◘ @↑ @(
?ž¸Që… ¸?®¸Që… ¸?À?Ð?à?ð@@┼ @
@(@0@8@@?”záG®¶{?¤záG®¶{?´záG®¶{?ÅÂ \(õÃ?Õ ¸Që… ?à?ð?ø@@◘ @┼ @↑ @
@(@2@8?à?æffffff?ð@@┼ @ @(@8@>?à?ð@@┼ @
?©™™™™™š?à?ð@◘ @↑ @.@8?Ž¸Që… ¸?ð@↑ @8@@¶ @ @$@8@>@H@R?Ð?à?ð@@┼ @↑ @
@(?Ð?à?ð@@◘ @↕ @↑ @
@$@(?¥▪ – $Ý/← ?µ?|í‘hs?Å`A‰7KÇ?à?ð?ø@@┘ @◘ ?¥▪ – $Ý/← ?µ?|í‘hs?Å`A‰7KÇ?à?ð?ø@@┘ @◘
@

@┼ ?Å`A‰7KÇ?ÕOß;dZ  ?à?è?ð?ø@@┘ ?µ?|í'hs?Å`A‰7KÇ?ÕOß;dZ ?à?è?ð?ø@@┘ @◘ @

@┼ ?Ð?à?è?ð@@┼ @8?Ð?à?è?ð@@┼ @8?‘hr°
Äœ?©™™™™™š?µ?|í‘hs?Å`A‰7KÇ?Ð?à?è?ð@@◘ @┼ ?‘hr°
Äœ?©™™™™™š?µ?|í‘hs?Å`A‰7KÇ?Ð?à?è?ð@@◘ @┼ ?‘hr°
Äœ?©™™™™™š?µ?|í‘hs?Å`A‰7KÇ?Ð?à?è?ð@@◘ @┼┼┐U┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h) ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ
ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘
└ (h)┘ └ (h)┘ └ (h)┘ └ (h)┘ └ (h)┼┐U┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma

concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ¶ Plasma
concentration┘ ¶ Plasma concentration┘ ¶ Plasma concentration┘ ♂ Plasma
conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘

ED_001592_00018054-00255

♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ
ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘
♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘ ♂ Plasma conc┘

♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘	♂ Plasma conc┘
♂ Plasma conc┤┐ U┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘

• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘

• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL) ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ
ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ ÿÿÿÿ┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘
• (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘ • (ug/mL)┘

• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘	• (ug/mL)┘
• (ug/mL)┘	• (ug/mL)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘
• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)┘	• (ug/ml)♬┐	U@$┴ %F

¦L@'>Ov_Ø®@-c×
=p¤@49îËû┴ µ@,D%®æ1ù@↨ WÎÙ┬ ‡+?©QZe§#Æ?Ì\ä,• ←?ØÊ$íVUë?Þ“Ÿª #±?×Îª™ŽûÄ?Ï[Nã• [ã?Å
<!š ÓF?½ý-»ä Ä?·-êŽ"u

?®
›┼ ã

Þ?¡¤*"♂ k◀ ?â×\ê°[p?Ý¿YëG#‼ ?Ð"Vx¶.??½1mæã¢P?©³›HÜÎì?—
E"ž ←u?''¸9Ø¸*?▪ ☼ N h└ C?†kùQ}M@?t↑ m│ ¡R¥@#ªbªà.ª@!@¹Ý? B@) G@åô@┴ K<Sº‡¾@

%H☼è└±@┐ »˜0Tœ€?ö L¨◀ë3?éQ†ˆp┼L?×Óö¢ø ?ËþVE┘Ü`?Ä1šx«´[?½¢™ÂZ8J?²MLLQ
õ?¡*`D┴|??•é¤“Q‰‹?„x Ùò{¥?o&.cÈ¿—?,ðh—\-É?±Z0áŸP–?»
p›Íºœ?³»²8 -²?-┬j(¨,v?³æ ûú┘ ‰?µî÷™At5?² %²ä´ù?¡6;│Æ:┐ ?†y÷┘ ˆaý?`Y+Âh—
ô?µÜåSËãQ?Èão?┼Ž?Æ(gª1|C?ÁÕ◀WŸä?¶m
¾27ë?¬%·Ÿ9,~?È g☼ªo┐ ?ÌRý├–lÁ?À=◀¥íåÊ?¯Ä• ¶Ò← ?W X◘æ£6?ÿ*×ñ┤→'?Ô®↨ »'!e?Ë.º« žâ?Å}
→ á¶$*?Àm"ŠfBó?´0bÈ|·9?¯cqã”Ô¬?£ ›ÿâ-ý?’½Æ†Ü ±?…‰¹|‡O?ããf×¥mã?ãr÷na– «?×
Ëš ¥˜?Ä
Üa•FN?®¸½KO‰«@6ýÙ▯ b¶®@95É ¶ã½@:ß·é☼ ùr@8@2šáG®¶{@(´¯O
„M@↑ ?ó\|Ø˜²ê@9ÐªdÂø8@;û²þÅm]@9Ý‘hr°!@<‰-BÃÉï@7æ1ø .@/vR½<6◀ @!ÙG– NÎš?ü<@ ŽÉ\?
Ÿ«‰†& N@├›µ Ü y@ l4Á¨¬\@$333333@!"O"}┐ Š@ $ò'Ð(¢@┬│F
¦L0@♬®.±Ä2Ê@
¸À│>-b@•┐ ¤TÞ~¦@• Aü 27‹@ ‘)ˆ †→ ?÷Aü 27‹?“<"yÀHF?“<"yÀHF?ò7

uYül?ò7

uYül?ØAŒ←• ←?ØAŒ←• ←?À&xŠ
¿◘?À&xŠ
¿◘?§O
-Löü?§O
-Löü?¢O)^→┬U?¢O)^→┬U?œah¶•¢}?œah¶•¢}?Œ£ž—„°┼?Œ£ž—„°┼@*
Á—å‼@*
Á—å‼@ x┐^»¿7@ x┐^»¿7@¶3Çk1?Y@¶3Çk1?Y@┘>,S‼í@┘>,S‼í?ø, ›—↨g?ø, ›—
↨g?îšK♂D ?îšK♂D ?äYª°Nö©?äYª°Nö©?ÉÐéVÂwY?ÉÐéVÂwY?±ºÉÐ»~à?±ºÉÐ»~à?³õý¶f(?³õý¶f(?—
'2€ø ?—'2€ø ?óŽUád˜É?óŽUád˜É?ß:¨®-hH?ß:¨®-
hH?ÏÈ[├~®©?ÏÈ[├~®©?È/jP¶½Õ?È/jP¶½Õ?ÑP @(2-?ÑP @(2-?Ä„/ ²ÓÎ?Ä„/ ²ÓÎ?«
£å┬Êå?«
£å┬Êå?"äÖµmRï?"äÖµmRï@`¶=š,´Ÿ@X;ü4Ä†)@Roqm→…N@G©š'`:›@@×Ÿgº `@<$ ä♂ @2éé♂ùc
›@#â ß€6Z@↑‼1IPÉ@@

ËÄêÈÉ?@0

)Ê™Æ@ pö¦Nˆ-@↨ ÕÎø¶¯‹@♬)Ó0↑ y @– €¡.
rº?ùë¿¼#$å?ðqeÈcV ?çb.¯ÞS-
?Û┤J›6O²?Ôì»tÍx• ?ËÏ└óý”î?«ˆcÖ÷*ß@df„µƒR^@V ÒåE¶ @Nd µ,┼_@:no OËÀ@0¶Sòæ C@#▯ òj
þ³‰@ }¹¦É~\@↨ }Ìñuøð@┘
u┼\c-?øh àâÀJ?èÁ¬¸Ð«T?Å~À~ ~}@┐ ÁE♬ýÉÅ?ùô¼j~ùÛ?ëNƒ→ Ò‼ ^?æþ◀↨ vû
?ÎoiDg8 ?§¯S?B5/?¹^▪ ▯"ø?³_{ š┬—?¾Ö©Å`ÇÁ?²éf`‡)U?®

C┘ aŽ ?£Ä°ž˜ÜÛ?¡!îgQGñ?œþX`‼ f♫ ?Ì‼ ^o┘ ▯ ?Û4û&> ˜?·Þ÷†◀☼¶?´P¶0Ë'½?±'↨ « ðÙ?¬● !ìyúŽ?«#3µ
»»º?£¦š└ »ò ?™└↑;X▯ æ?ŒoN┴ ¬¬©?€±ƒ♂ ÞQê?{◀[KÔ8<?a}×î=é.?W¿™<G Þ?É|┤ Ñˆ ?ØLÿ

{?µªå↨ µ
È?»šCáøm¥?´P¶ 0Ë'½?«#3µ»»º?«"?\ÉÝ©?¢ ©p¥_5?™└↑ ;X▯ æ?„—4ƒºå¶ ?ˆý¤J,
6?r`┘ oç↑ B?`ï ò²ã"?Q2bB©¨Ý@ ²¤æ³%v?ñ7yÕ·M ?îÙ$U×¼Å?â>vŒŸ6ô?ÐK0ŽØ• ?À♂ îü ;?¯ý¼ˆ$
‰x? }="`¿‼ ?PbMÒñ©ü?Šsl.n â?²3f8ä®õ?Á%¦ …Rv?ÄÖt├ˆS,?¿}Âß5œ—
?¼ê²> õ‰?¶©åXH┬ %?£Q¹}-
¨k?"B┬ ¦•─ Ý? ò_aŽ6:?ˆ:°☼ 7§ò?}OÏ» ´G?l²†,áú¥?aùs¿9ÿ↨ ?Jü 0└Cë?9T ˆºZ1?œ Z0AÆ┼ ? aêùåEª?€
dKl¤0æ?r%‼ ³F–'?dTshé◀ Y?F◀ ðÚÊÍ>@0?← ‼ ì%O?èùõÞ%Äu?Úâf„ïè¡?ÍŠÀÙ ,
?À'å,┘ Ê×?²–w/→ M"?¨↑ *◘ ñ™´?ŸâSc─ Å│ @BŽlÏ♫ t
@◘ ffýÔ¿*?÷°┐ ³1ž┼ ?ê'…─ c‼ ?Ûr• mç↑ á?Ð`©¯âÅÐ?Æ–(ad◘ S?¼-ì¾Dž↨ ?³_ ¶_
y?£™L`FÔÖ@Z
èõéÑ8@├ "mœ'åE@
õ°$Íå← ?ýºžPÚ_i?î´~ñ‼ ─ ñ?ã↑ o¥ ¡¢?Ø?B'¯$€?ÏmÿŽ¿¨ÿ?Æ–(ad◘ S?¶bbÿ)ˆ¯?¦¥ŸU »"?—
àú°p┬ î@eÔ
lÃ@1¥OŒ┬ &„@$5┬ Ñ↨ ┘ @┬ 4x>ä·c@• iÄ°ò‰Õ?ýºžPÚ_i?ô¶▯ äB±g?ê• vWøyz?áòÕÒ'Ãœ?Ó¹
˜Ûè▯ ?Ç‰ßY !|?¹Ý Øhúý?¤ û─ Y.¹?±îLlX•À?Ï,ÝL÷¶°?ÅÕùÔ← Ä9?µlÊ¢• ª?© Ok ¶K?¤lZŸl^¦?žáXÂ#./?
˜◀ R}+uþ?¹™™™™™š?Ïì˜ PáK?Ó↨ ─ í
¸?Á¢µöeýý?· "ÒW?±îLlX•À?-¨¶Dè×µ?¤Æ→ ð*ùÕ?•ã5ÕŽM´?ßeÙÌ—Ž ?ñÍ¾„ ‰¼?éØ8WÃÑ—
?Ü7‰¡Þªª?Òg¹œ¸°s?ÐXw
└²y?É-ŒŸV[Ç?Å↨ VþÇ?µ,┴ :,/v?§ô&÷Mñ£@:G»/iVÖ@8Y
k¹Œ~@5ÕðoiDg@2ïïVÕÏ«@0→ dÂø7µ@(z┐ u%F♂ @" ◀ HýŸÓ@→ ‰¯áÚ{♂ @◀ C1ã§Ú¥@P
{²þÅm@LˆK]Ìcñ@HØ-«ŸU›@E´Ý/→ Ÿ¾@C.Ov_Ø®@@¹:'£│ S@=Yûçl‹D@9A‰7KÆ¨@7↨ Zîc Š@3…®
æ1ø¡@SÉsê³g¡@U-
ÑN;Í6@Uz.±Ä2Ê@S┤ E8ï4×@JrçÕfÏB@AåÒñ©ûç@:¥ïªÍž„@1åïªÍž„@K"┴ @¹FÌ@@ë„7┤ Ô€@:Ù°¼@8º@
7(L‼ 2ü@3@U┘ ezK@0Ã,%tf┐ @,iF2Wø'@'mÅ©‰ñ"@!ð▯ rŸtÞ@ Æ¡¶↑ k@@‼ ,ÿÈ├ Ì¾@◘ ,,◘ /┬ ◘ @┐
+¼ n¯Ö@|Ë☼ „ŒC◀ @B¶}‡';C@5vÆ'?`◘ @/²§4‰xh@(5Cs•py@!"”o€¬"@↨ ˆ├ ðÇ$¬@└ Þâ¨zÜ*?÷ù2└☼ û
W?ê–(êÇ┘ è@┼ x+!-g @
ÿrOœc&@┘ ùƒ▯ Ó˜└ ?ý♫ ®d¾¼¢?ó9vNiµƒ?ìPBç!§ë?òÉÍ¼HlÝ?ñò• ¼®¨Ð?è«ÝÔÖB☼ ?èKú·h? ?ë«ÏñC€→
?ß©Zdû_Ó?V¿2ÌôCy?žÅl/Ñe÷?ŠÞÜ²T‹!?]¬¤ ŽQÚ?t¬S}♂ èµ?»÷ºÂ└
Y?"← pHÍF☼ ?\Ð^EÒ è?BN¶ +¶ _ ?W<Ã♫ ÷‼ O?ª← ¶ JG♂ œ?ÔÞg→ ,W ?´KÙ¢]üy? Æ♂ ¬ÄJ‰?EÎ™ØN§h
?~™' Qn─ ?Ï|7┐ Þ@‡?èJ¨lVÕ4?ÉÍƒ˜€ª:?ÑÉžl'ÊÏ@1♂

8óf•@!C Œ8ï← @↑ ‘┼ +“¤┘ @◄ {$¶╢ Ôˆ@♂ Ž‡!5É▯ @─ {Û>ªŠ®@ ¼Ã¤k?û?üúñ• ”žÞ?óYÔTð6"?ì Q=E–ô
?åã ßéŠ ?Ùœš‘!Œ(?ÉH´ò• ┼ b@D
±£%´p@-ƒq‡¬²%@%W|Ò¹uØ@ Ý ëtz @→ ? ÖTéo@┬ SÖ®*¨Ô@☼ p jH.~@
Ãâ→ €£˜@◘ µbƒáT!@┘ y│ ‰µS’?üáSÚâS♂ ?÷Q@¡ìàz?ôvõX♫ èY?óy¶ †¹†ä?ðµ7uÉA
?ègKB•ô┴ ?×îl$┴ ˆþ?kÊ?→ ¯aé?y
Nèÿ2-?‰·‹ñœ¶„?z¾

.T[Y?qgâf«¹7?f♂ ,lRf?X¸°ñÀ }?Pp┬ §Ç
"?F● žéär ?·
=p£×
?Õ ¸Që… ?×
=p£×
?Ó333333?Ñë… ¸Qì@Š\ì
xã½@ m hplÏ³@ m│ÏZA @y├÷P¡└»@z● 9g(ž6@tÒâëyâ§@j´ï@S}Ï@3{♂¯↑ ÏÕ@0nÍûød=@+→┼^ÚoŠ
@ e☼´€êN@alv : ‹@`…ioe↨ ©@_ãÚ…òô@Y'é -Š◄ @HæCK™±l@C¡♂ ▪ ¶}@/s0↑ ¡Œ¸@

þ┐ ž└Ð@KË?/UX!@0¢ˆQr¹[@┴ °←ÐÉ 3@┘ üž,ÑDV?ïÅæ
$_õ?ã◘ I´˜½??ÛíÕI>Ó·?ÈŒÕõÚ&┬ @Fï← MŽS?@BSéÇÚI¸@>?0Ýmƒç@'$Vý½°z@↨ ┬ ‹→ ”š›@◀ „”õE◀
@Å†J┤ ·h?ûù°åÄ•q?ï→
ñ

ûš?àìdÛÝòö?ë£b uøŠ?ä0Ítù [?ÞÂÎ°
°?ÕŒÕ”$B]?ÑÙƒc+±O?ÎÕ

Ç?ÃÝÎÅeôR?³éâ?¥Za? ˆ‡b/V!@
LX:Ô'>@L°┼ BÔw?úq=•P£u?ô' ┼ ÅäÀ?ò†kV1²L?î°'7Îä¯?éôÅ┴ TmC?âö9·ªÓ]?Øo.• ┤ f_?ÄI`Å]YÝ?±
$ /"}?¢T│ QiÒF?·ÙWP| Ý?¾Ç)┐ òg€?ÀfñLo*–?Ã◘ —
:Z #?ÀÁ# 2ã$?´þf9├ M┴ ?¯.U¥ÒK¸?±µûÃp┐ Î?Á{aSñ³{?ÎaQÄ6Þá?Ó0ì<@Ýr?×¼s<ùà ?ØÄMJÇµ ?ßöb³
@™)?à¬×4ê k?×¼s<ùà ?Í½Åït'Ö?¹÷┼ ¨èÃ®?©À▯ ,â│ v@pÌ,œâú6@tÍ~¹y2ò@n¼→ ├ ← Yù@f´1=Å]m@Wé
?{á!î@6ÿÝd3Ü&?îÌ u°┬ š@ oÚ£\ û@ŠDXQšýG@‡š¯xñƒe@…—
Å1oä"@„← ‹┘ ûèC@r]6-¦–Ø@ åÅ±ê70@Qyë… ¸R@H ƒ↨ n— @B*=p£×
@@└ S÷ÎÙ┤ @9°bMÒñª@-r-♬ V┘ ├ @")xÔýó¶@¶ cS÷ÎÙ┤ ?ó ¸Që… ?ß ²-♬ V┘ ?Ó↨ n— Oß@r
┘ ↑ "t¼@oõ¡ÊÀƒ↨ @lxÝ/→ Ÿ¾@hÖ—
Oß;@dþÈ´9X┼ @]ÿl‹C• @R fffff@EnÙ┬ ‡+┐ @¶ Ã•• – $Ý@G®¶ záH?ìõÂ \(ö@▯ ïÊÀƒ↨ o@z·¾vÈ´9@
w┼ ¼j~ùÛ@tŒlº^5?@r – $Ý/← @oB5?|í'@kA©ûçl‹@ef=p£×
@EÔÝ/→ Ÿ¾@┼ ├ ™™™™š?ù… ¸Që…┘ ┐ ┐ ÿ┼
┘ ◘ Compound┘ └ CAS┘ Reference┘ • Species┘ ♬ Species Weight┘
¶ Species Weight Units┘ ┘ Dose┘ ‼ Dose Units and Type┘ ┘ Time┘
Time Units┘ │ Media┘ ♂ Media Units┘ │ Value┘ ┐ ┘ ÿ
┐ €┐ U┘ ┐ └ ÿ┼ ┘
data.frameþ┘ ┐ ┘ ↨ PK.physiology.data└ ‼ – ┼ ♂ ┘ ┼ Total Body Water┘
Plasma Volume┘ ♬ Cardiac Output┘
Average BW┘ ¶ Total Plasma Protein┘ ♬ Plasma albumin┘ ♬ Plasma a-1-AGP┘
Hematocrit┘ │ Urine┘ ┘ Bile┘ └ GFR┼ ♂ ┘ │ ml/kg┘ │ ml/kg┘
ml/min/kg┘ ┐ kg┘ ┘ g/ml┘ ┘ g/ml┘ ┘ g/ml┘ ◘ fraction┘
ml/min/kg┘ ml/min/kg┘ ml/min/kg♬ ♂ @†¨@l@y?"záG®¶ {?¯¾vÈ´9X? ¾
í(Œç?‰™™™™™™š?ÜÌÌÌÌÌÍ?¡ë… ¸Qì?±©ûçl‹D@,♬ ♂ @„à@?333333@r€?Ð?±&éxÔýô? -à
← qv?'ˆÎp:û▯ ?Ýp£×
=q?ÁÊÀƒ↨ n˜?° Ä›¥ãT@¶ ÌÌÌÌÌÍ♬ ♂ @,ÜÌÌÌÌÍ@lÀ@^@$?·
=p£×
?šîc Š
└ ?nOv_Ø-¬?ÚáG®¶ zá?•• – $Ý/← ?€bMÒñ©ü@↑ ffffff♬ ♂ @,À@Em¶Ûm¶Û@T@Q€?²ñ©ûçl‹?¥fÏA
ò↨ ×?]}¿H▯ Ë'?Ū(õÂ \)?Œ¬◘ 1&éy?h"t¼j~ú?üÌÌÌÌÌÍ┘ ┐ ┐ ÿ┼ – ┘ Parameter┘ │ Units┘
│ Mouse┘ └ Rat┘ └ Dog┘ │ Human┘ ┐ └ ÿ┼ ┘
data.frame┘ ┐ ┘ ÿ
┐ €ÿÿÿõþ┘ ┐ ┘ ♂ tissue.data└ ‼ ↨ ┼
┘ • Adipose┘ ┘ Bone┘ │ Brain┘ └ Gut┘ │ Heart┘ • Kidneys┘
│ Liver┘ ┘ Lung┘ – Muscle┘ ┘ Skin┘ – Spleen┘ ☼ Red blood
cells┘ ┘ Rest♬
?ë… ¸Që…?ìÌÌÌÌÌÍ?ð?ìÌÌÌÌÌÍ?ë… ¸Që…?èõÂ \(ö?ê=p£×
=?à?ì(õÂ \)?æ¶ záG®¶ ?éG®¶ záH?ð▯ ð• ¢♬
?Áë… ¸Qì?¹™™™™™š?pbMÒñ©ü?¸"t¼j~ú?Áë… ¸Qì?Ì(õÂ \)?Ç
=p£×
?à?¾¸Që… ¸?Ó×
=p£×?ÊáG®¶ zá▯ ð• ¢▯ ð• ¢♬
?ž¸Që… ¸?Ð£×
=p¤?éG®¶ záH?èõÂ \(ö?æffffff?ç\(õÂ \?åÂ \(õÃ?ç®¶ záG®?èQë… ¸R?Þ¶ záG®¶ ?è?ä(õÂ \)▯ ð• ¢♬
?íp£×
=q?"záG®¶ {?¼(õÂ \)?±ë… ¸Qì?¼(õÂ \)?®¸Që… ¸?´záG®¶ {?¤záG®¶ {?„záG®¶ {?Áë… ¸Qì?"záG®
¶ {?„záG®¶ {▯ ð• ¢♬
?®¸Që… ¸?ÊáG®¶ zá?´záG®¶ {?Ã333333?ÈQë… ¸R?ÊáG®¶ zá?ÊáG®¶ zá?¼(õÂ \)?ÈQë… ¸R?Ú=
p£×
=?Íp£×
=q?Õ ¸Që… ▯ ð• ¢♬
?ð?ë333333?ØõÂ \(ö?æ¶ záG®¶ ?Þ¸Që… ¸?Ð£×
=p¤?Ò \(õÂ ?àQë… ¸R?ß\(õÂ \?ìÌÌÌÌÌÍ?Ó333333?Ó333333▯ ð• ¢♬
?b│ ¼ £n/?¼(õÂ \)?Þ¸Që… ¸?Ð£×
=p¤?Û… ¸Që…?ã… ¸Që…?âáG®¶ zá?ØQë… ¸R?ÚáG®¶ zá?´záG®¶ {?áG®¶ záH?âáG®¶ zá▯ ð• ¢♬
?C©*0U2a?¤záG®¶ {?À£×
=p¤?©™™™™™š?·

=p£×
?À£×
=p¤?¼(õÂ \)?¼(õÂ \)?·
=p£×
?”záG®¶ {?Ã333333?¹™™™™™š▯ ð• ¢♬
@ ffffff@ @ ffffff@ @ ffffff@ áG®¶ zá@ ë… ¸Qì@→ ffffff@← =p£×
?@ @ @ ÌÌÌÌÍ▯ ð• ¢♬
?²»Då

^³?«Í5¨Xy>? Oô4├ã?¤°ž˜ÜÛ8?sÝ—ö+jè? H┬ ð–▯ ¹?ªÅÁ?ÐÐh?|wškP°ò?×›ºÜ
€²?Âð–▯ ¸ºÇ?Q4┘ êJŒ└ ð• ¢?š• j

I¶ ♬
?²•éá°‰ ?¢éÌ·Ô┤ D?v‡+┐

l°?šxl"h Õ?j6âë C-?|wškP°ò?¡Ù+▯ àŠð?s▯ 8ÅCk ?ØÛ7Éšé%?ÅÍ♂ ¶ígw?_!-
w1 Å▯ ð• ¢?ªÔ+ÿÐ_™♬
?¨7´¢3œ☼ ?¤ü¤*í‼ ”?~×ÆûÒsÖ?¢◘ [↑ TŠœ? ˛fä:¨?uv‰Ê↑ ½f?
|ZÄq´?▯ ý`éNã“?Ü┼ ¶0©┴ 8?ÅÄ2ÊW§‡?døµˆãhñ▯ ð• ¢?c_š.;²B♬
?Ê´☼ f¥P‡?²,è},{‰?“Æ)ñk↨ ? -à
←qv?r- -ê‰v?q)ˆ †→ a?™◀ HýŸÓo?} 4XÍ °?Ø— Oß;d? ÿ—$tS ?d;÷'‼ j@▯ ð• ¢?ªˆ3*˜£â♬
@%™¤Ø’¹›@7O¤úO¤ü@*fffffg@R @, @P@@V▯ ÿÿÿÿÿ@@FÀ@4€@┬ ð• ¢@[Œ┴ YŒòÀ♬
?ù™™™™™š@B♬ V┘ ↑ “u@¶ ÌÌÌÌÍ@C™™™™™š@/333333@Bffffff@G™™™™™š@↑ Ý/→ Ÿ¾w@>@
7333333@┼ G®¶ záH▯ ð• ¢@V€ Ä›¥å♬
@

?ôÌÌÌÌÌÍ@↕ @7@┴ ™™™™™™š@5™™™™™™š@>æfffff@% ¸Që… @9@$?úffffff▯ ð• ¢@┬ \(õÂ `♬
@
¶Ûm¶Ûm@
áG®¶ zá@$@0m¶Ûm¶Û@♂ m¶Ûm¶Ú@1¶Ûm¶Ûn@4¶Ûm¶Ûn@@%m¶Ûm¶Û@◀ $'I$'I?ñ™™™™™™š▯
ð• ¢@• ¿¢`Œo7┘ ┐ ┐ ÿ┼ ↕ ┘ – Tissue┘ │ Fcell┘ ┘ Fint┘ └ FWc┘ └ FLc┘
└ FPc┘ │ Fn_Lc┘ – Fn_PLc┘ – Fa_PLc┘ ┐ pH┘ ┼ Mouse Vol (L/kg)┘
♬ Rat Vol (L/kg)┘ ♬ Dog Vol (L/kg)┘ ┼ Human Vol (L/kg)┘ ┬ Mouse Flow
(mL/min/kg)┘ ¶ Rat Flow (mL/min/kg)┘ ¶ Dog Flow (mL/min/kg)┘ ┬ Human Flow
(mL/min/kg)┘ ┐ ┘ ÿ
┐ €
┘ ┐ └ ÿ┼ ┘
data.frameþ┘ ┐ ┘ ♬ average.tissue└ ‼
┼ │ ┘ ┘ │ Mouse┘ └ Rat┘ └ Dog┘ │ Human┼ │ ┘ │ Cells┘
◀ 0.837365214877516┘ ◀ 0.831113406528143┘ ◀ 0.833936867549646┘
◀ 0.865379973366997┼ │ ┘

Interstitium◀0.162509544152501◀0.168778254523199◀0.165923680970108
◀0.134638116990729◀0.597168688626341
◀0.595635532281574◀0.625625779939389◀0.502783069093154
Lipid◀0.132222452382601◀0.135051961437037
◀0.100541602220814◀0.268088138409961●Protein
◀0.217636272839058◀0.226822366673169◀0.227845198651676
◀0.162910330864076♬Neutral Lipidc◀0.630449308003514
◀0.644282900008402◀0.624757306085099◀0.671657043410183
Neutral Phospholipidc◀0.303063300938789◀0.291972981755945
◀0.307829626249189◀0.269015629468171¶Acidic Phospholipidc
◀0.066067194407099◀0.063525457444973◀0.067153033192387
◀0.059732665533059pHd◀6.938662867641585
◀6.922772581998983◀6.909534167864491◀6.940627343277092ÿ
X Fraction.of.total.volumeaX.1Fraction.of.cell.volumebX.2X.3
Fraction.of.total.lipidX.4X.5X.6ÿ
data.frameÿ
€ÿÿÿûþ
tissuelistLiverKidneysLungSkinÿ
LiverKidneyLungSkinþþ